

Compatibility Matrix Datasheet

GAGGIONE
LLC05N7



Ø 32 mm narrow beam silicone collimator.

COMPATIBILITY MATRIX

Measured results in black

[Simulated results in blue](#)

LED Manufacturer	LED Reference	FWHM 1	FWHM 2	FWTM 1	FWTM 2	Efficacy 1	Efficacy 2	CCI
BRIDGELUX	V4_HD BXRH_30G0600_A_72	16.0		26.0		9.9		
BRIDGELUX	V6 BXRE_30E0400_A_03	16.9		32.0		7.7		
BRIDGELUX	VESTA 6 TW BXRV-TR-2765G-060-B-23	19.5		34.7		6.3		5.6
BRIDGELUX	VERO 10 SE BXRC_30E1000_C_72	24.1		56.7		2.5		
CITIZEN	CLU7L3	10.9		20.0		17.5		7.7
CITIZEN	CLU7B2	12.0		19.8		17.3		
CITIZEN	CLU7S3	12.9		21.9		14.6		4.3
CITIZEN	CLU7R3	14.7		25.3		11.3		
CITIZEN	CLU7A2	15.0		24.4		11.8		
CITIZEN	CLU701	19.0		32.2		7.2		
CITIZEN	CLU700	20.2		32.4		7.0		
CITIZEN	CLU702	21.4		33.7		6.3		
CITIZEN	CLU710	26.8		46.5		3.5		
CITIZEN	CLU711	26.9		46.1		3.5		
CITIZEN	CLU712	27.2		48.2		3.3		
CITIZEN	CLU02J	29.4		56.6		2.5		
CITIZEN	CLU720	29.9		60.7		2.3		
CREE	XQ-E HI	4.1		7.4		138.4		
CREE	XP-P	4.5		7.6		122.6		0.8
CREE	XP-E2	5.4		9.5		83.6		
CREE	XD16	7.0		12.8		48.6		
CREE	XP-L HI	7.2		12.1		50.6		
CREE	XP-G2	7.7		12.5		44.7		
CREE	XP-G	7.9		12.8		43.5		
CREE	XD16 CLUSTER x4	8.5		27.9		13.6		
CREE	XPL-HI_post_PCN5155	8.6		15.2		29.8		6.5
CREE	XHP35 HI	8.9		14.8		29.4		
CREE	XHP50.3 HI	9.1		17.8		24.1		11.6
CREE	XP-G3	9.2		15.8		28.2		
CREE	XP-G2 HE	9.9		16.0		27.1		2.9
CREE	XT-E HE	10.3		19.4		22.3		
CREE	XHP35.2 HI	10.4		18.4		20.3		
CREE	XP-L	11.2		18.4		21.7		
CREE	XP-L2	12.6		21.4		16.7		
CREE	XHP35 HD	13.9		22.2		13.9		

LED Manufacturer	LED Reference	FWHM 1	FWHM 2	FWTM 1	FWTM 2	Efficacy 1	Efficacy 2	CCI
CREE	XHP35.2 HD	14.7		29.3		9.6		5.1
CREE	CMA1303	14.9		27.7		9.9		
CREE	MHD-E	16.9		31.8		8.5		
CREE	XHP70.3 HI	17.0		28.9		8.1		
CREE	CXA 13XX	17.6		30.7		7.8		
CREE	XHP50.2	18.1		28.1		9.2		
CREE	CXB 1310	19.4		33.5		7.1		
CREE	CXA 1507	24.9		48.2		3.4		
CREE	CXA 1520	25.3		46.8		3.7		
CREE	XHP70.2	25.6		40.1		4.5		
CREE	CXB 1507	26.7		49.5		3.2		
EDISON	2PHM10xWxxP55020	13.0		23.0		3.3		
LED ENGIN	LZ1 14CWP2	3.8		6.3		163.1		
LUMILEDS	LUXEON C	5.4		9.6		88.1		
LUMILEDS	LUXEON Z CLUSTER x4 TUNABLE WHITE	9.2		20.0		21.2		
LUMILEDS	LUXEON MZ	12.8				16.7		
LUMILEDS	LUXEON_CX_PLUS_CoB_HDS01H04	16.4		26.5		10.2		
LUMILEDS	LUXEON_CX_PLUS_CoB_HDS01H06	17.5		31.8		7.5		
LUMILEDS	LUXEON M	18.6		29.5		7.6		
LUMILEDS	LUXEON COB 1202S	20.6		37.2		5.8		
LUMILEDS	LUXEON COB 109	21.3		34.1		6.4		
LUMILEDS	LUXEON_CX_PLUS_CoB_HDM02F09	22.0		44.8		4.2		
LUMILEDS	LUXEON COB 1203	28.0		49.8		3.2		
LUMILEDS	LUXEON_CX_PLUS_COB_HD	28.9		52.7		2.7		
LUMILEDS	LUXEON_CX_PLUS_CoB_HDS04H09	28.9		52.6		2.8		
LUMINUS	SST_20_WxH	7.1		11.2		56.5		
LUMINUS	SST_20_WxS	7.3		11.6		50.6		
LUMINUS	SFT-40	7.6		12.0		43.8		2.6
LUMINUS	CXM_3	13.1		20.8		14.4		
LUMINUS	SST-70	14.0		21.6		13.4		3.3
LUMINUS	CXM_4	15.9		26.4		9.4		
LUMINUS	CXM_9	18.5		53.4		2.6		
LUMINUS	CXM_6	21.2		33.5		6.3		
LUMINUS	CDM_6	26.4		38.9		4.2		
NICHIA	NFSWE11A	3.7		6.2		173.4		
NICHIA	NCSWE17AT	5.3		9.3		94.5		
NICHIA	NVSWE21AT	6.9		11.6		58.2		
NICHIA	757	9.0		15.4		30.8		
NICHIA	NVSW219F_V1	9.4		14.1		32.8		

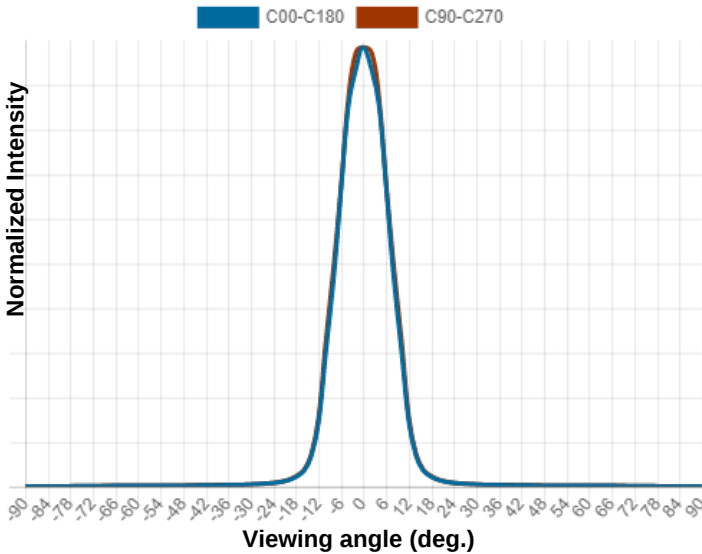
LED Manufacturer	LED Reference	FWHM 1	FWHM 2	FWTM 1	FWTM 2	Efficacy 1	Efficacy 2	CCI
NICHIA	NVSL219C	9.6		15.4		29.4		5.9
NICHIA	NVSW319A	10.3		17.7		23.9		
NICHIA	NVSW519A	12.0		17.5		20.8		
NICHIA	NV4WB35AM	13.2		21.1		14.5		
NICHIA	NV4L144AR	18.2		29.8		8.3		
NICHIA	NVNWS007Z_V1	18.5		33.7		7.1		
NICHIA	NTCWT012B_V3	21.0		33.7		6.1		
NICHIA	NTCWS024B_V3	21.2		37.3		5.7		
NICHIA	NJCWL024Z_V1MT	21.6		41.9		4.5		
NICHIA	NJCWS024Z_V1	21.7		40.5		5.0		
NICHIA	NFCLL036B_V1	22.1		56.0		2.2		
NICHIA	NVEWL016Z_V1	25.4		49.3		3.4		
NICHIA	NFCWL036B_V3	27.7		47.4		3.2		
NICHIA	NVCWL024Z_V1	29.0		59.7		2.4		
OSRAM	OSLON COMPACT CM LUW CEUN.CE	3.1		5.8		192.3		
OSRAM	OSLON PURE 1010 GW VJLPE1 EM	3.7		7.2		161.3		
OSRAM	OSLON BLACK FLAT LUW HWQP	4.1		7.0		137.1		
OSRAM	OSLON SSL 80	4.9		9.7		85.3		
OSRAM	OSLON COMPACT CL LUW CEUP	4.9		9.3		97.0		
OSRAM	OSTAR PROJECTION COMPACT KW CSLNM1.TG	5.0		9.1		89.9		
OSRAM	OSLON SQUARE FLAT KW CSLPM2.PC	5.3		10.0		72.7		
OSRAM	OSLON SSL 150	5.4		8.4		100.3		
OSRAM	OSLON Boost HX KW CULPM1.TG	5.6		9.5		74.2		
OSRAM	OSCONIQ C 2424 GW PLLRA1.EM	6.1		11.5		55.3		
OSRAM	OSLON SQUARE GW CSSRM1.EC	6.9		13.9		43.8		
OSRAM	OSLON SQUARE GW CSSRM1.PC	7.0		14.0		41.2		
OSRAM	OSLON SQUARE LCW CQAR	7.0		14.4		40.1		
OSRAM	OSCONIQ P3737 GW PUSRA1.EM	7.4		12.8		41.1		
OSRAM	OSCONIQ P3737 GW PULTA1.CM	8.0		15.1		33.5		
OSRAM	OSLON SQUARE GW CSSRM2.PM	8.0		14.7		36.8		
OSRAM	OSCONIQ P 3737 GW PULTA1.CM	8.0		15.1		33.5		
OSRAM	OSLON SQUARE GW CSSRMU.CM	8.1		13.4		36.5		
OSRAM	OSLON SQUARE GW CSSRM3.PM	8.4		16.3		27.6		
OSRAM	OSCONIQ P3737 GW PUSTA1.PM	11.1		18.1		20.5		
OSRAM	DURIS P10	15.7		29.8		8.4		
OSRAM	DURIS S8 P9LT32.PM	17.3		26.5		9.4		
OSRAM	DURIS S10	19.4		33.4		6.8		
OSRAM	SOLERIQ S9	28.5		54.6		2.9		

LED Manufacturer	LED Reference	FWHM 1	FWHM 2	FWTM 1	FWTM 2	Efficacy 1	Efficacy 2	CCI
OSRAM	SOLERIQ S13	32.8		66.1		2.0		
PLESSEY	PLW7070GA	19.1		30.2		7.4		
SAMSUNG	LC010CV2	18.6		34.7		6.8		
SEOUL	Z5	5.0		8.2		108.7		
SEOUL	Z5_M1	7.4		13.1		44.8		
SEOUL	Z5M4	9.9		17.0		25.9		
SEOUL	SAWS0661A	16.7		32.7		7.9		
SEOUL	SAWS1063A	27.8		54.0		2.8		
XICATO	XOB06	20.4		32.6		6.6		
XICATO	XOB 9	26.2		50.9		3.0		
XICATO	XTM & XIM 9MM	26.5		49.2		3.4		

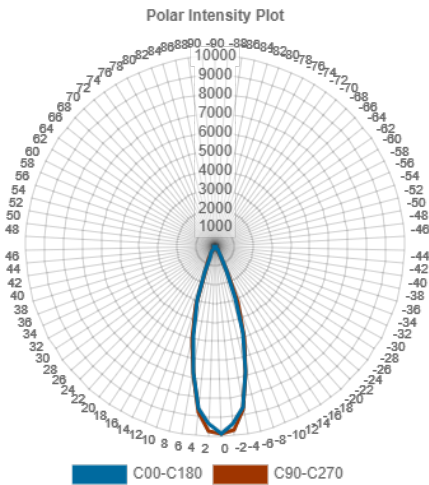
LLC05N7 with BRIDGELUX V4_HD BXRH_30G0600_A_72

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
16.0		26.0		9.9	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

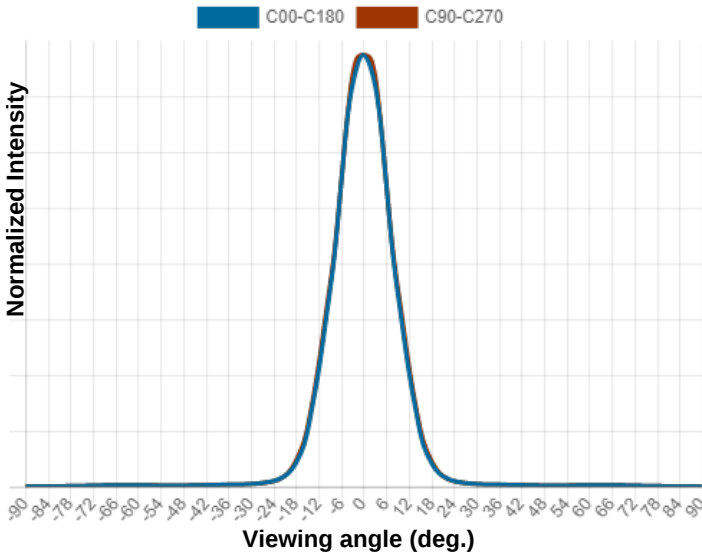


3D Schematics

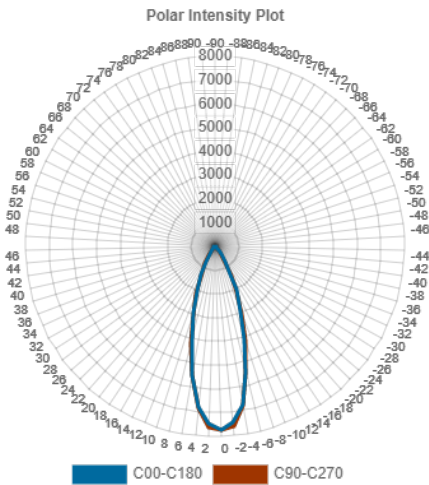
LLC05N7 with BRIDGELUX V6 BXRE_30E0400_A_03

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
16.9		32.0		7.7	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

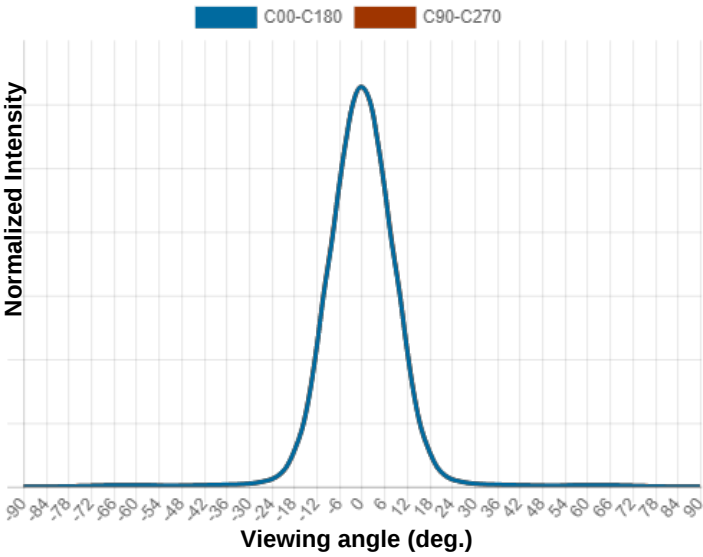
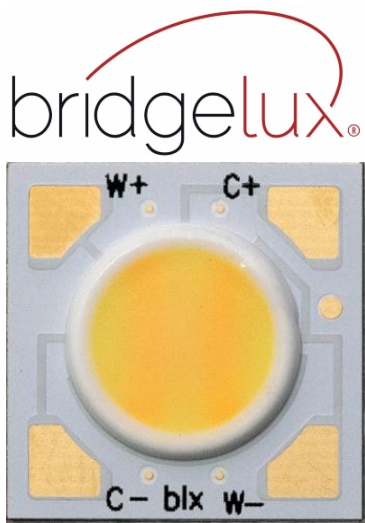


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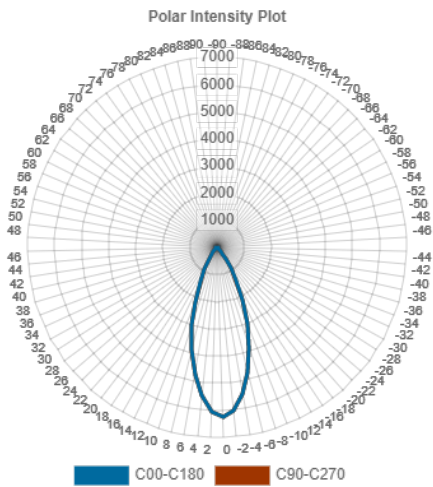
LLC05N7 with BRIDGELUX VESTA 6 TW BXRV-TR-2765G-060-B-23

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
19.5		34.7		6.3	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

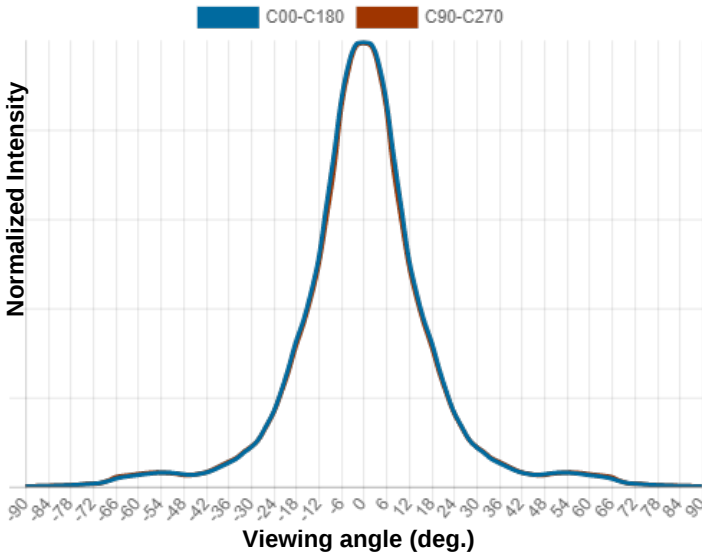


3D Schematics

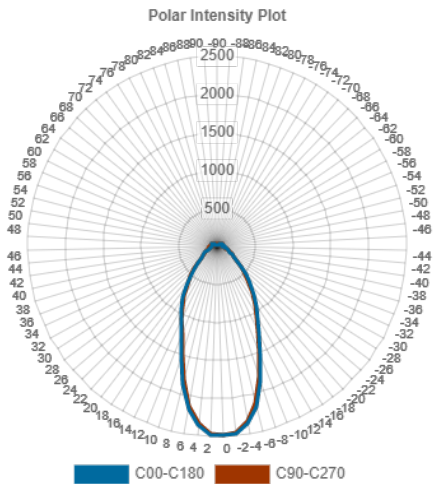
LLC05N7 with BRIDGELUX VERO 10 SE BXRC_30E1000_C_72

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
24.1		56.7		2.5	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU7L3

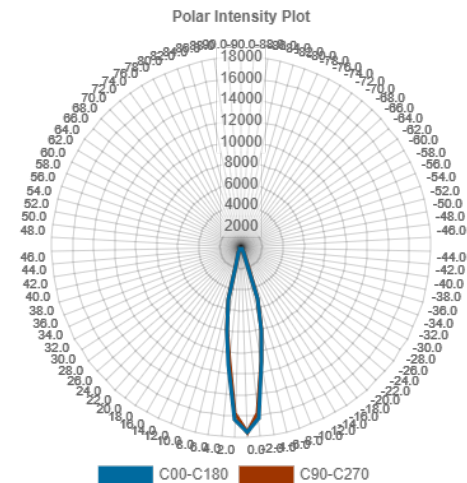
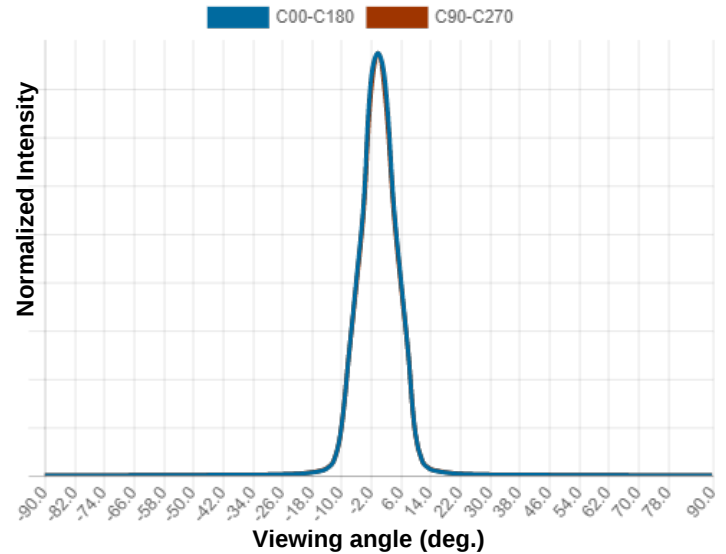
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
10.9		20.0		17.5	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU7B2

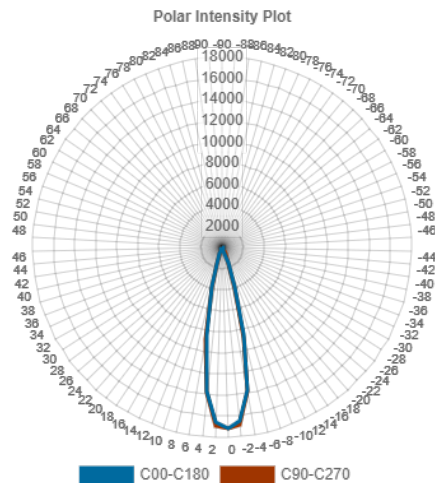
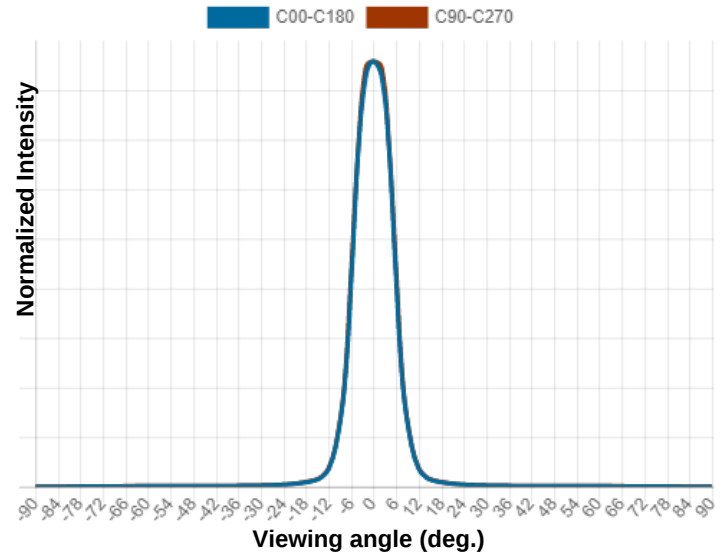
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
12.0		19.8		17.3	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



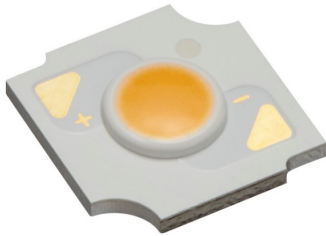
3D Schematics

LLC05N7 with CITIZEN CLU7S3

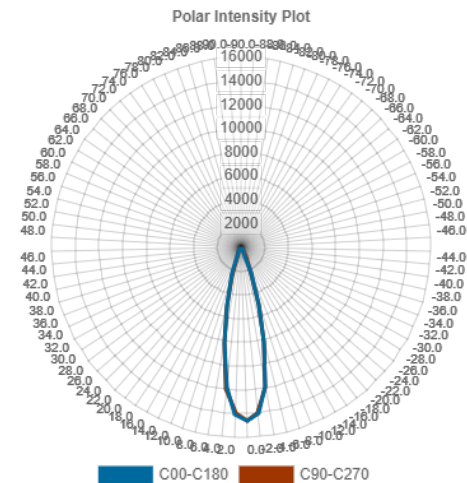
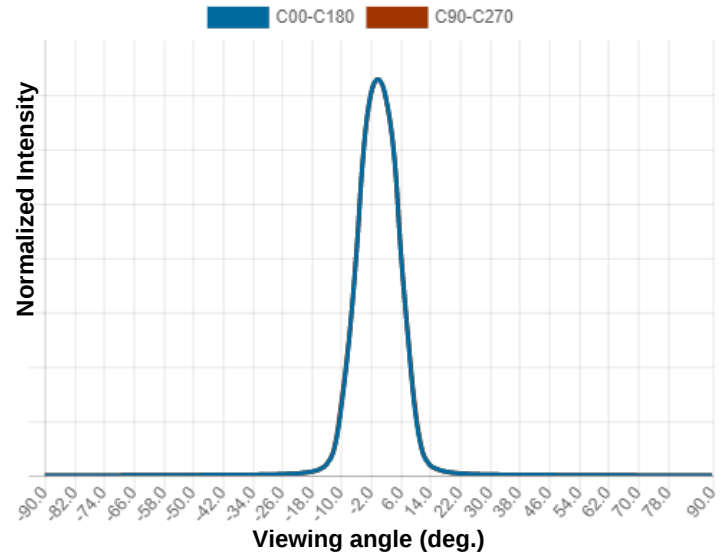
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
12.9		21.9		14.6	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



LDT file



IES file



2D Schematics



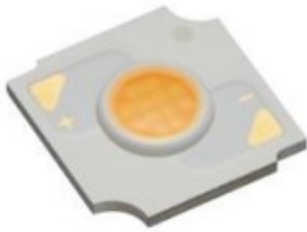
3D Schematics

LLC05N7 with CITIZEN CLU7R3

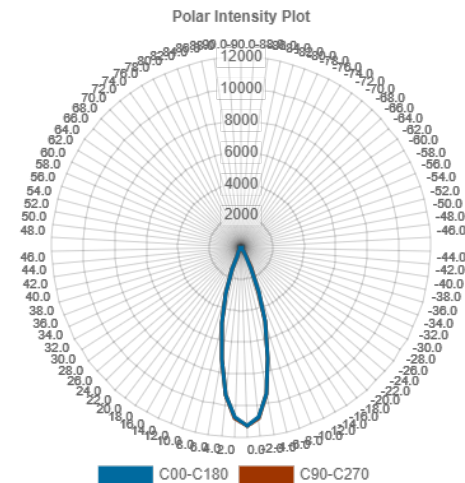
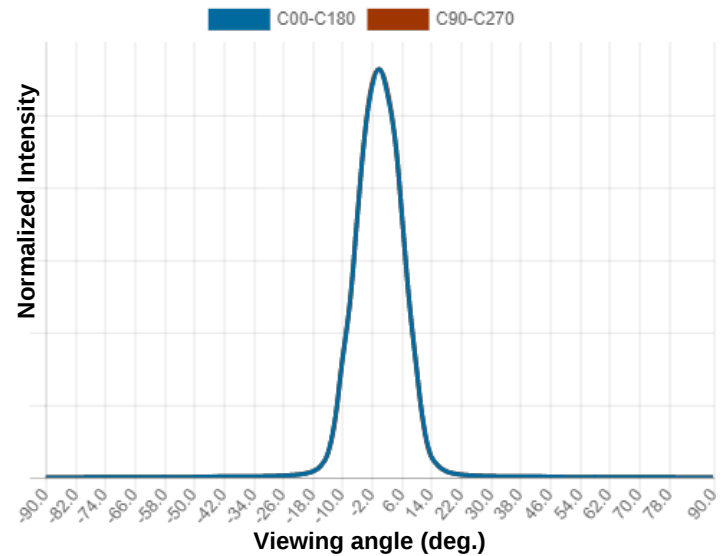
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
14.7		25.3		11.3	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU7A2

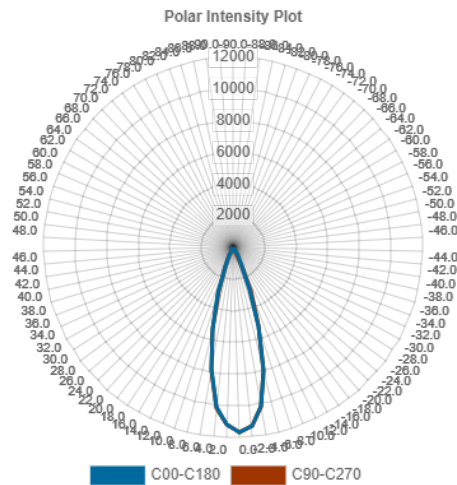
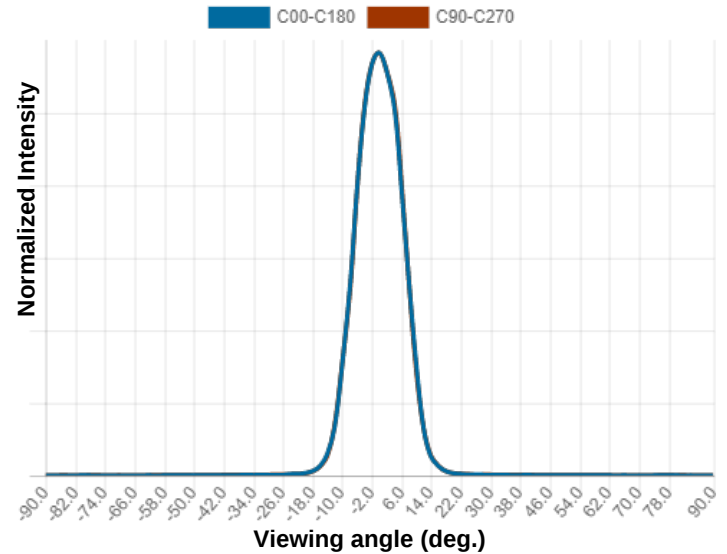
Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
15.0		24.4		11.8	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU701

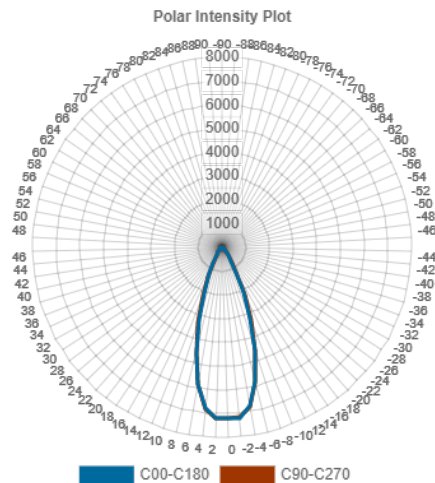
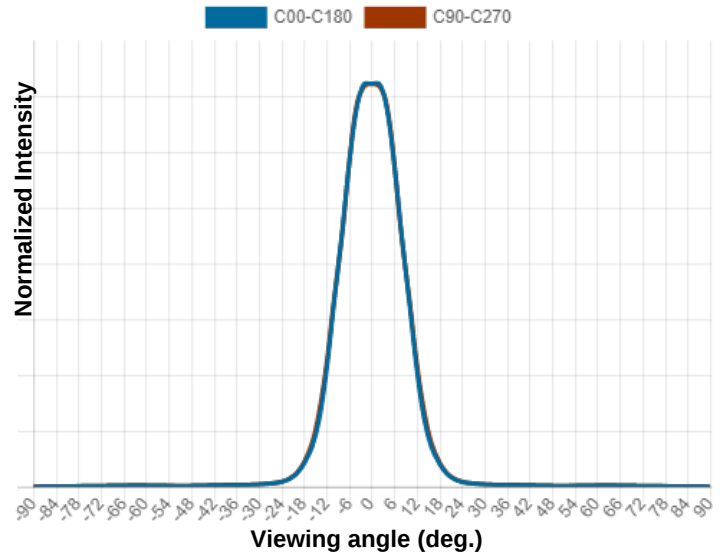
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
19.0		32.2		7.2	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

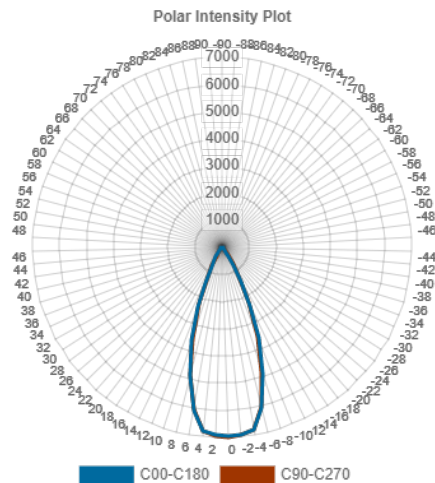
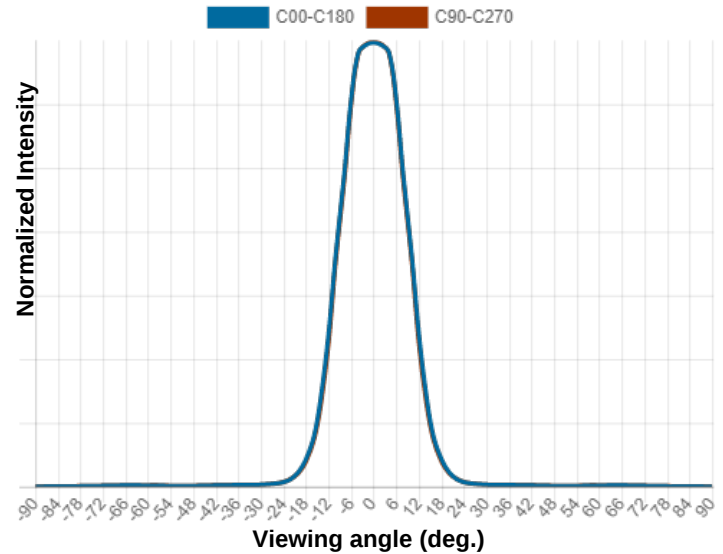
LLC05N7 with CITIZEN CLU700

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
20.2		32.4		7.0	

CITIZEN

A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU702

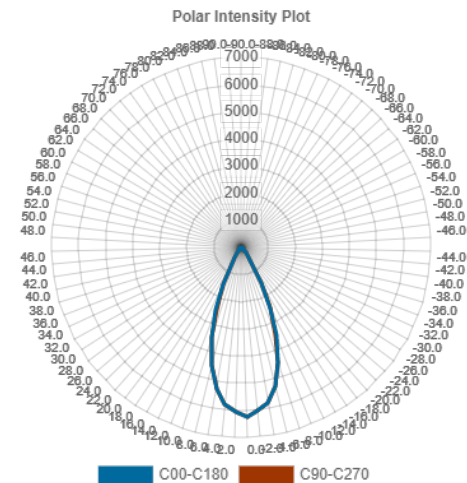
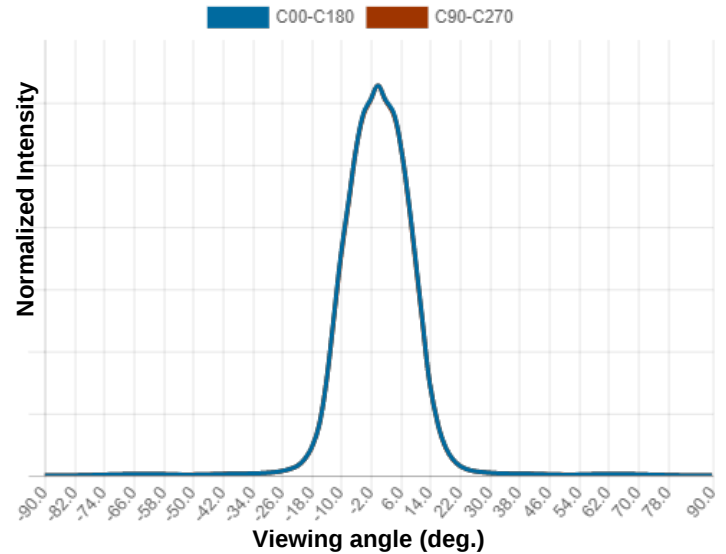
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
21.4		33.7		6.3	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU710

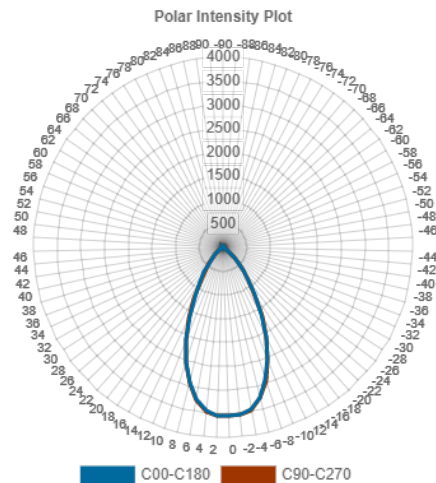
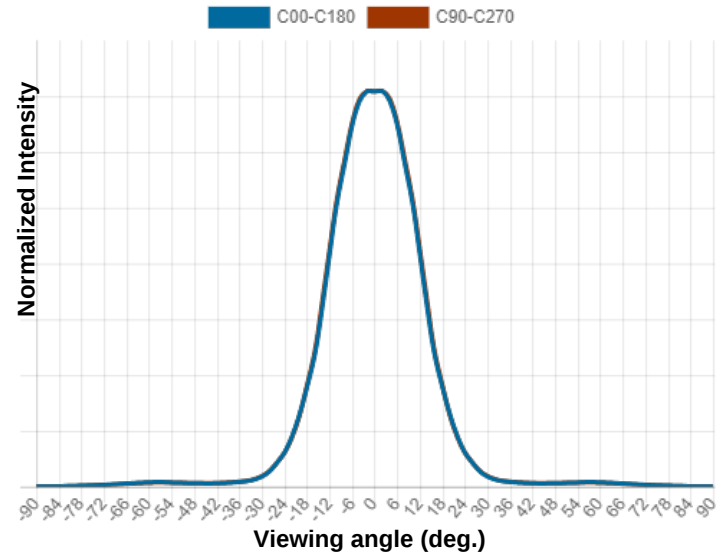
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
26.8		46.5		3.5	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU711

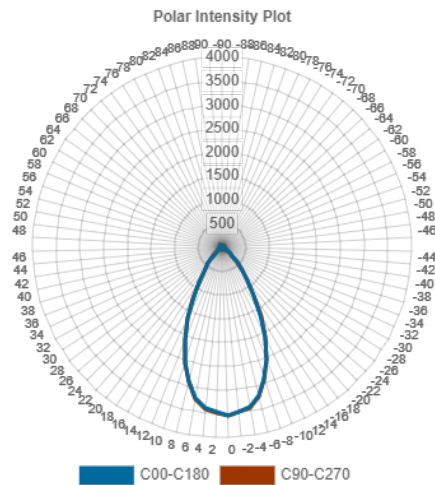
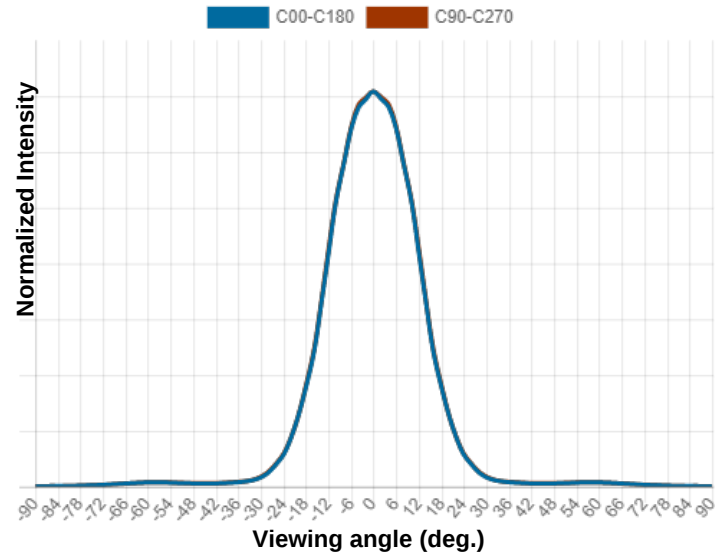
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
26.9		46.1		3.5	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



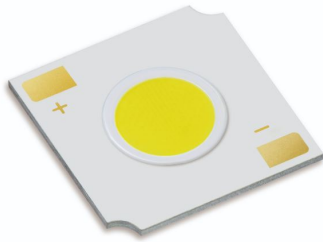
3D Schematics

LLC05N7 with CITIZEN CLU712

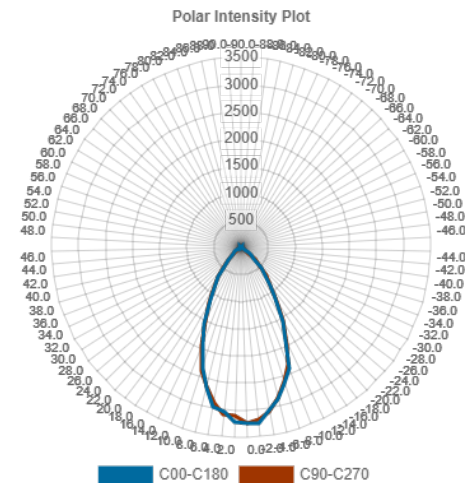
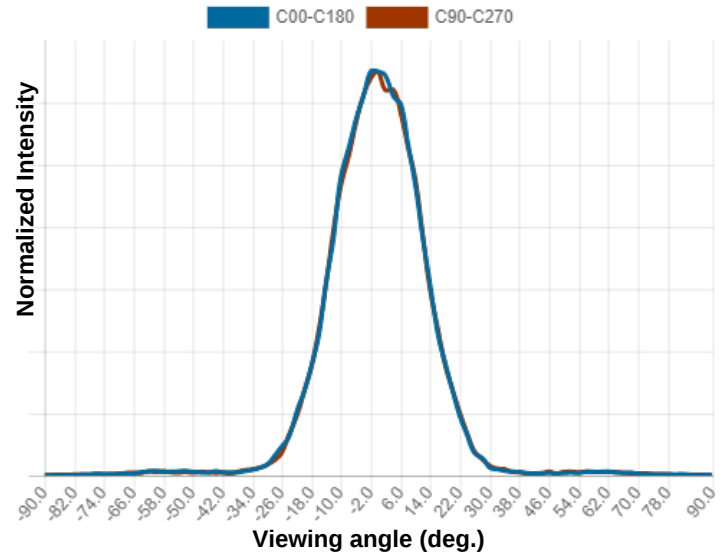
Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
27.2		48.2		3.3	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU02J

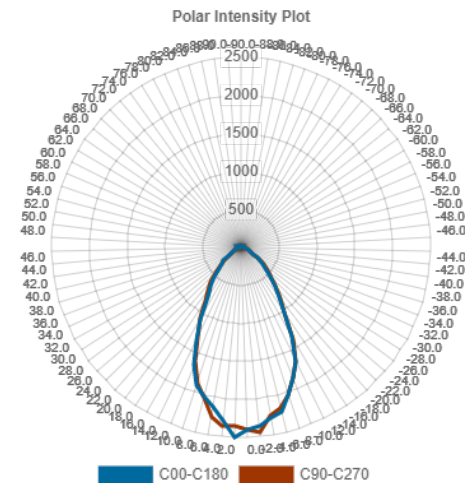
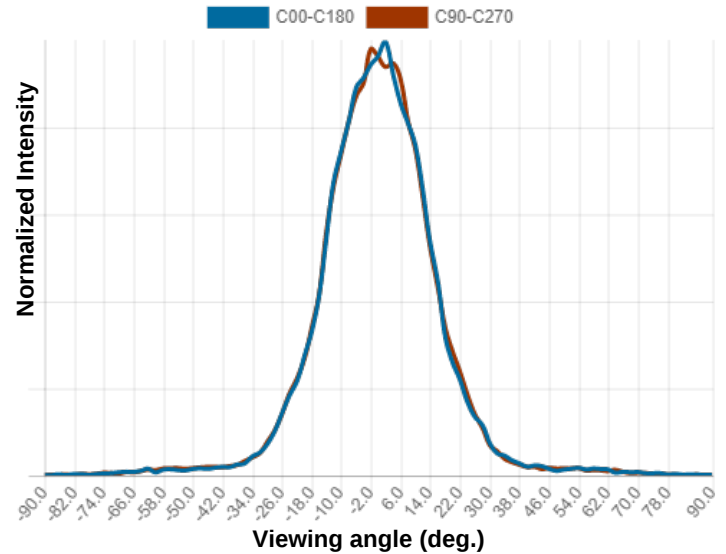
Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
29.4		56.6		2.5	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CITIZEN CLU720

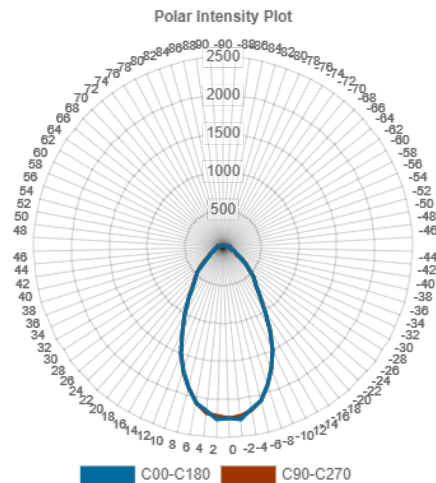
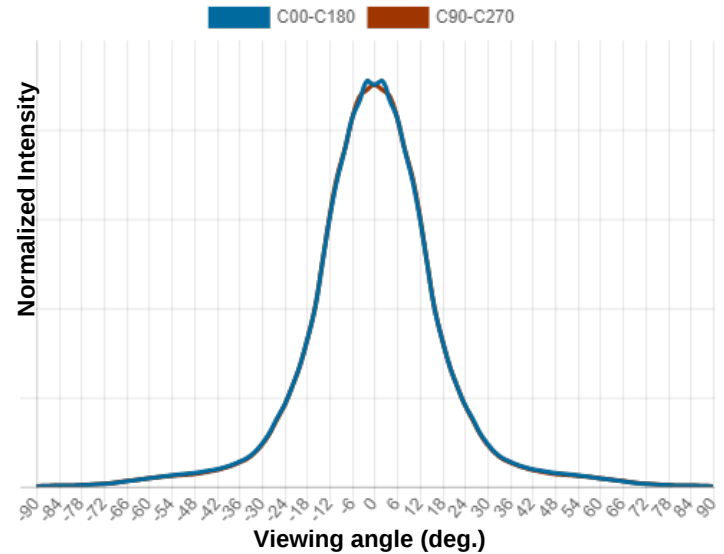
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
29.9		60.7		2.3	

CITIZEN



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



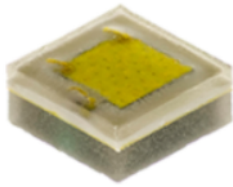
3D Schematics

LLC05N7 with CREE XQ-E HI

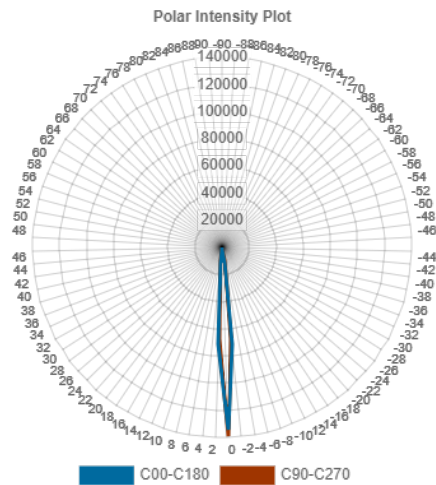
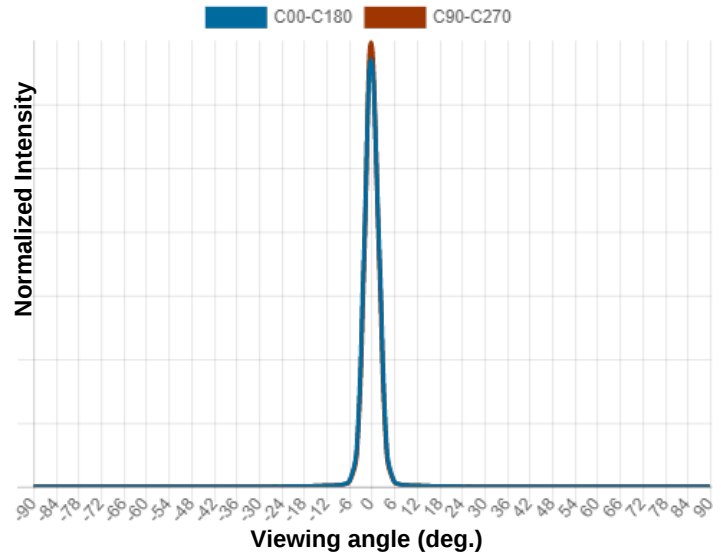
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
4.1		7.4		138.4	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



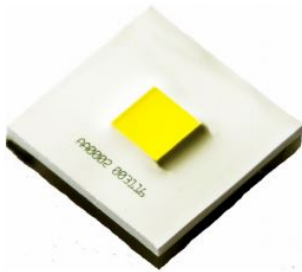
3D Schematics

LLC05N7 with CREE XP-P

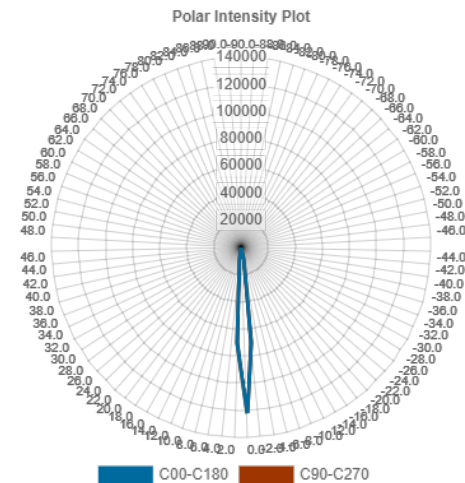
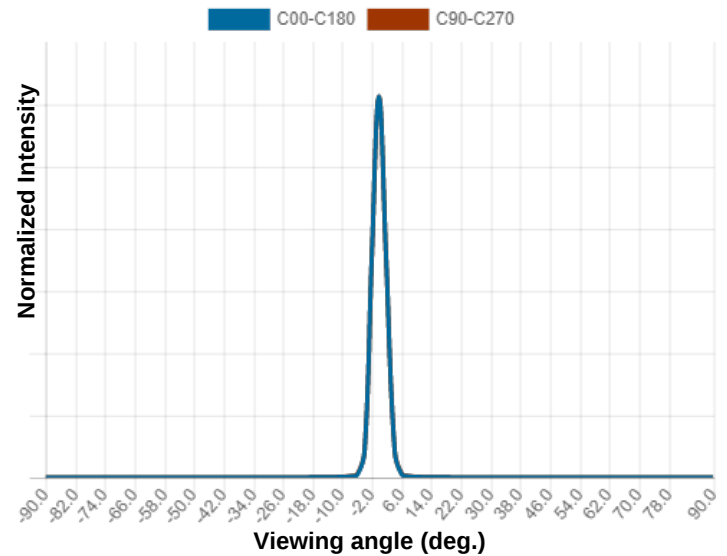
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
4.5		7.6		122.6	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



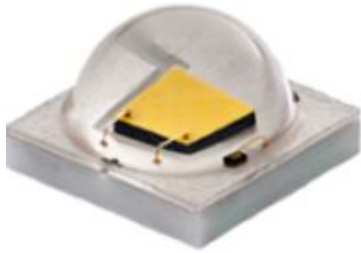
3D Schematics

LLC05N7 with CREE XP-E2

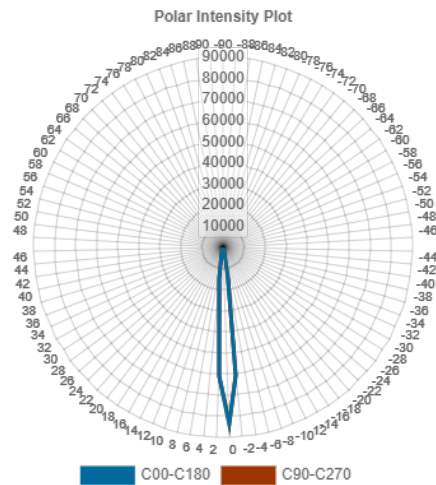
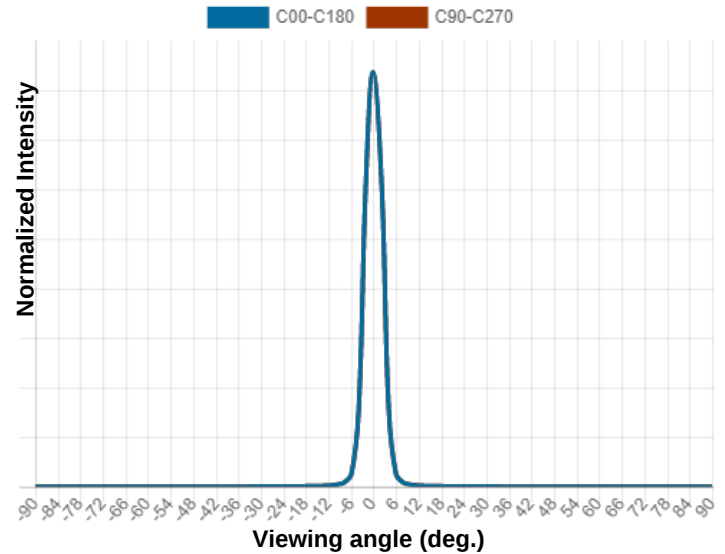
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
5.4		9.5		83.6	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



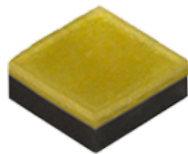
3D Schematics

LLC05N7 with CREE XD16

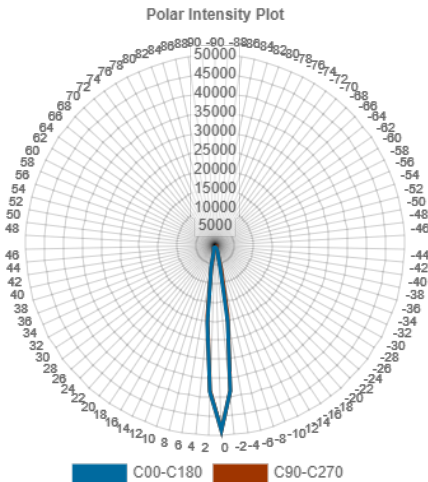
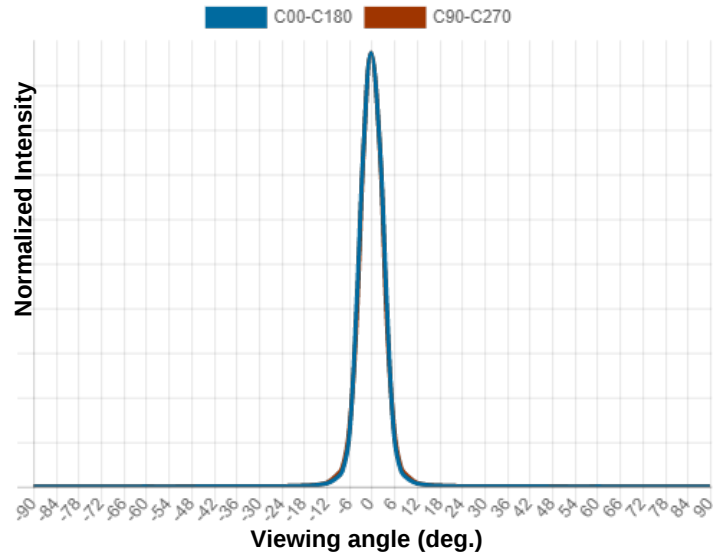
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.0		12.8		48.6	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02XAL02 LLH02RD102 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00 LLH02BCB02



LDT file



IES file



2D Schematics

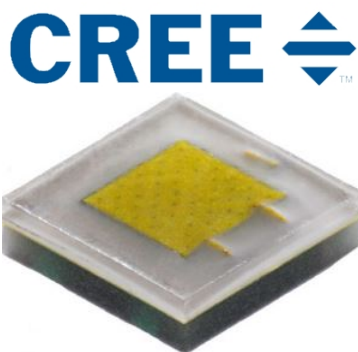


3D Schematics

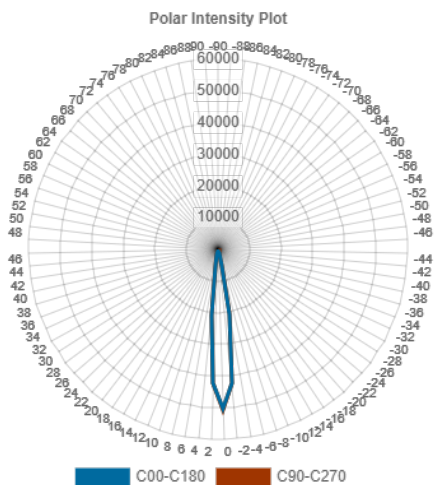
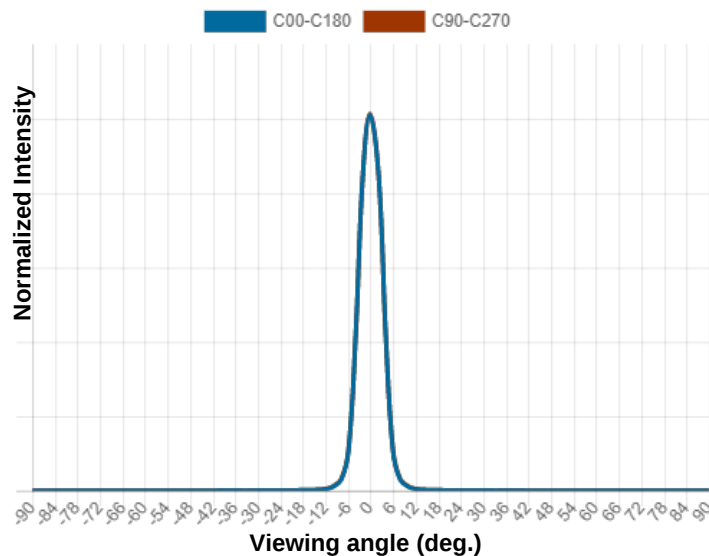
LLC05N7 with CREE XP-L HI

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.2		12.1		50.6	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



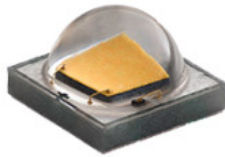
3D Schematics

LLC05N7 with CREE XP-G2

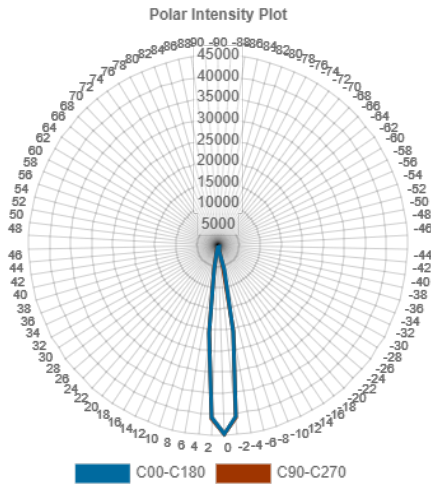
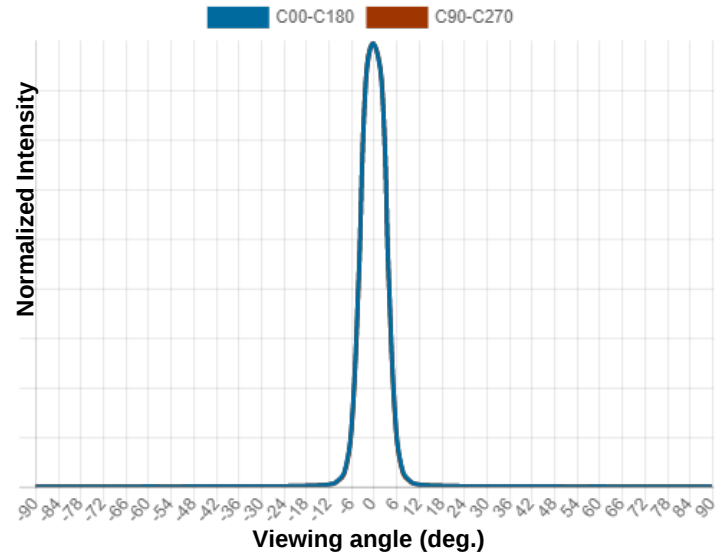
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.7		12.5		44.7	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



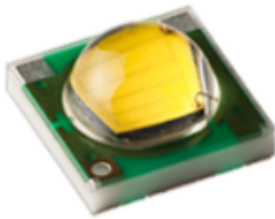
3D Schematics

LLC05N7 with CREE XP-G

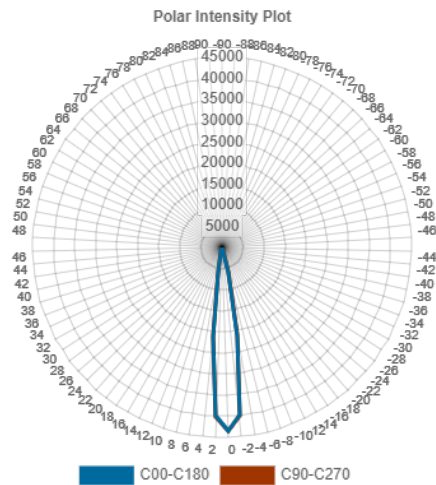
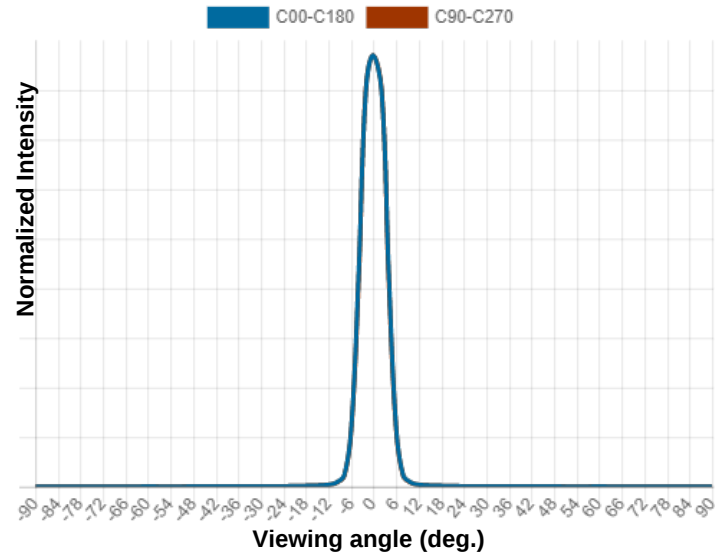
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.9		12.8		43.5	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



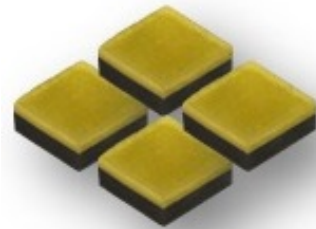
3D Schematics

LLC05N7 with CREE XD16 CLUSTER x4

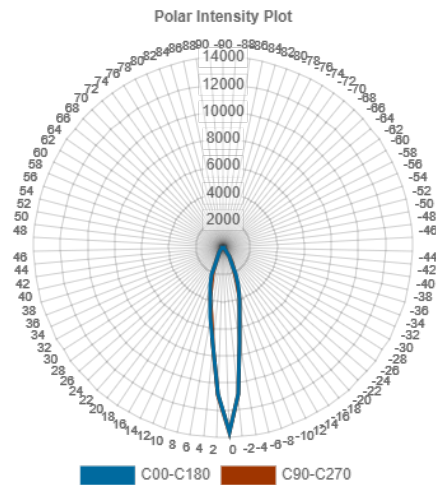
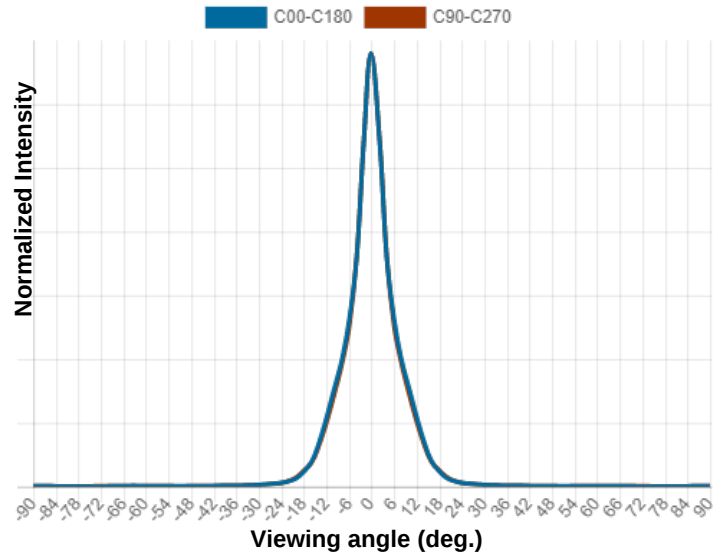
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.5		27.9		13.6	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00

LLH02HEL02

LLH02MTB00

LLH02RD100

LLH02BAB00

LLH02BAB02

LLH02BBB00

LLH02BBB02

LLH02BCB00

LLH02BCB02



LDT file



IES file



2D Schematics



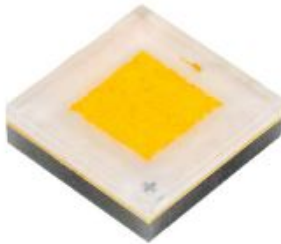
3D Schematics

LLC05N7 with CREE XPL-HI_post_PCN5155

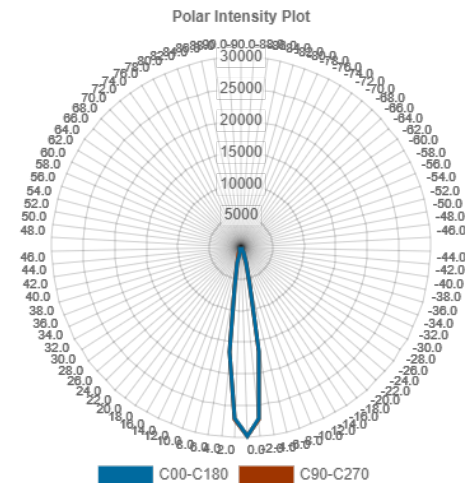
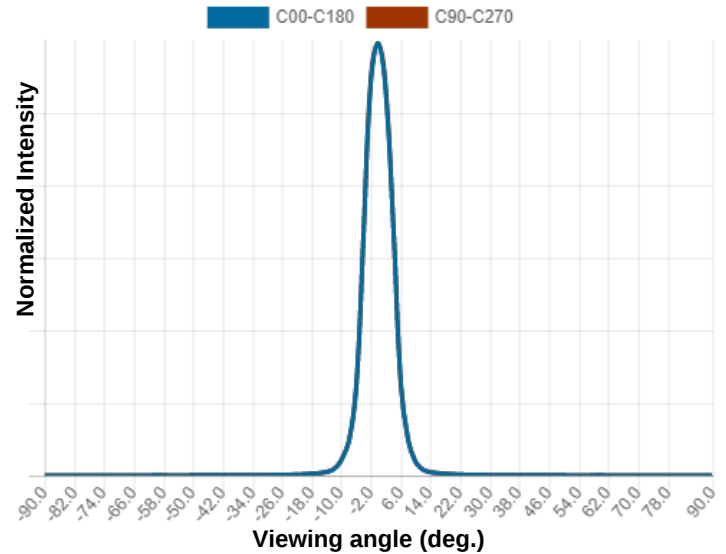
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.6		15.2		29.8	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02AAC02

LLH02AAC00

LLH02AAC021

LLH02AAC001



LDT file



IES file



2D Schematics



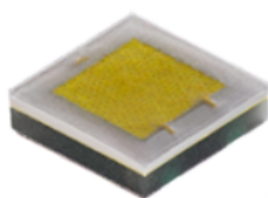
3D Schematics

LLC05N7 with CREE XHP35 HI

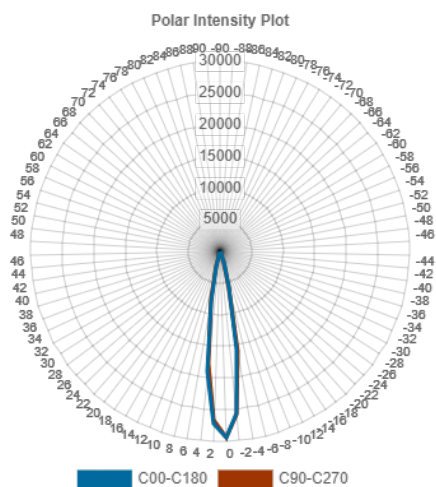
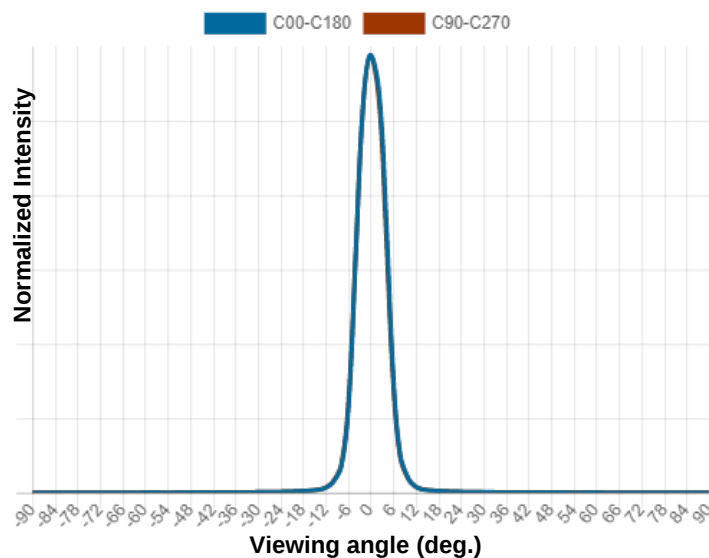
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.9		14.8		29.4	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



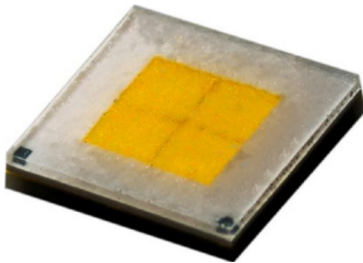
3D Schematics

LLC05N7 with CREE XHP50.3 HI

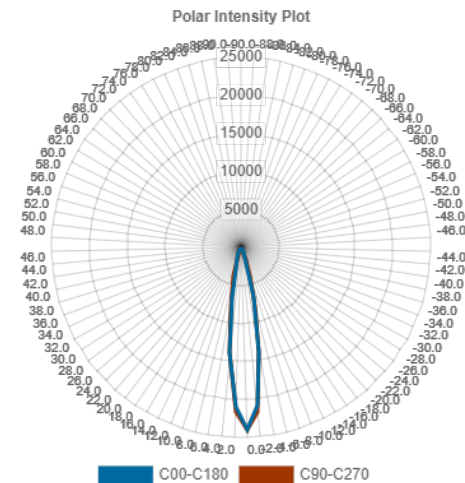
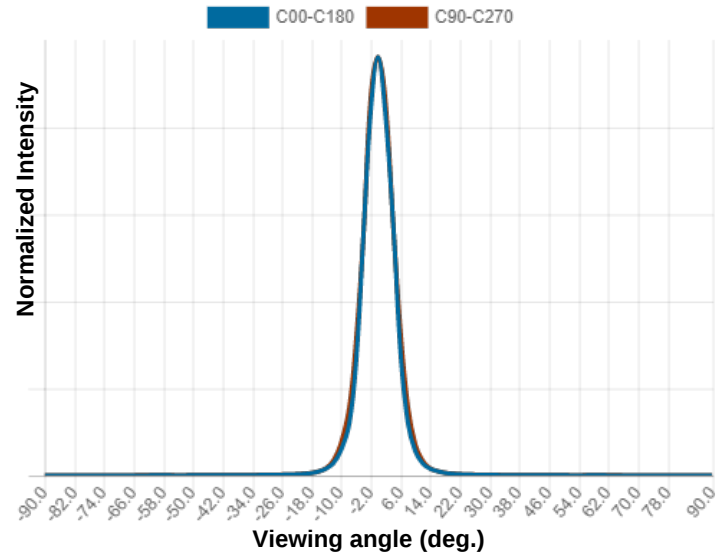
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.1		17.8		24.1	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



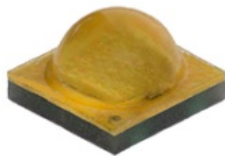
3D Schematics

LLC05N7 with CREE XP-G3

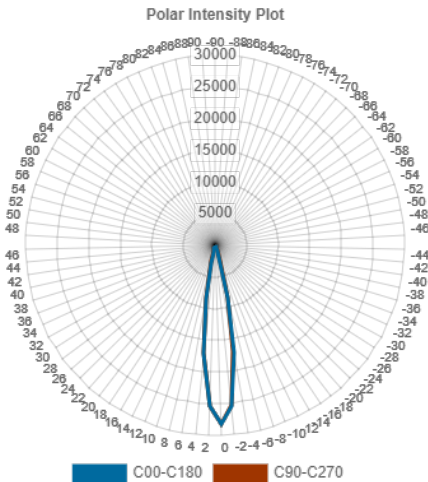
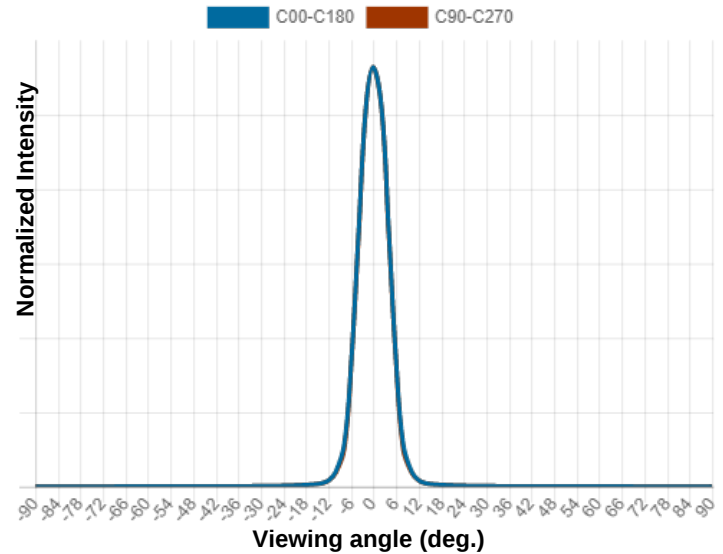
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.2		15.8		28.2	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with CREE XP-G2 HE

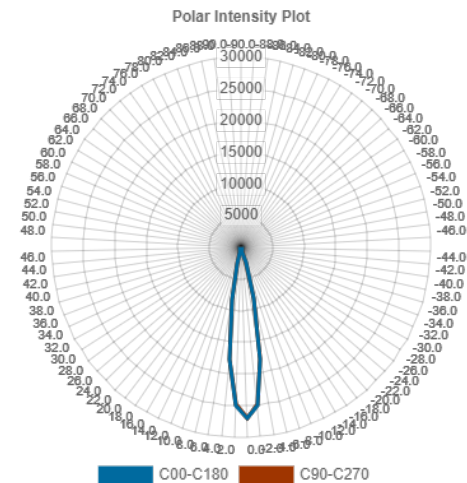
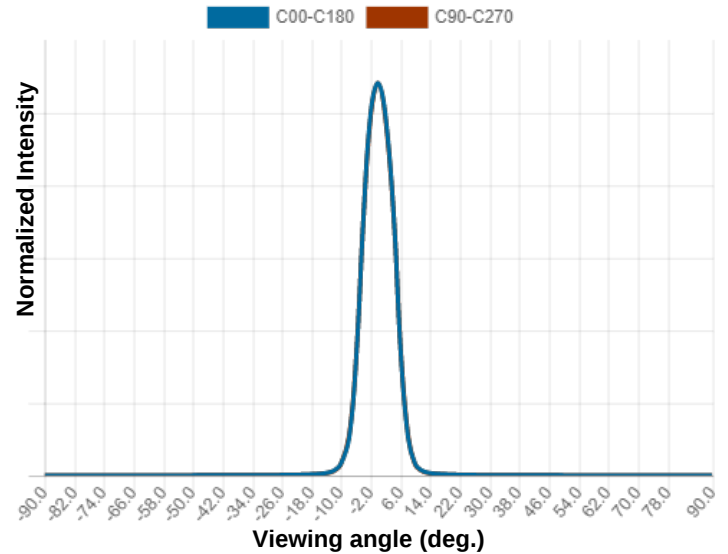
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.9		16.0		27.1	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



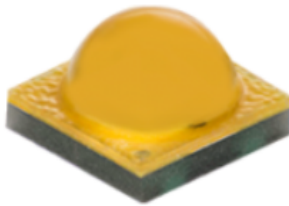
3D Schematics

LLC05N7 with CREE XT-E HE

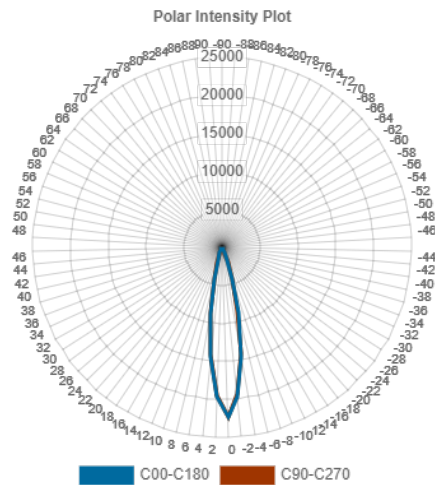
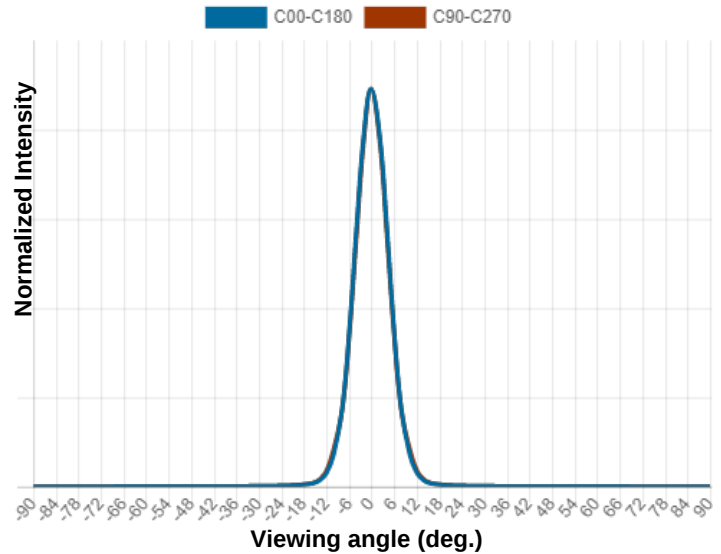
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
10.3		19.4		22.3	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



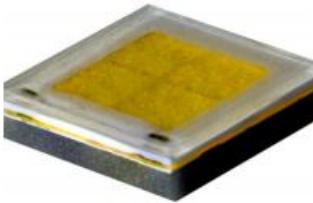
3D Schematics

LLC05N7 with CREE XHP35.2 HI

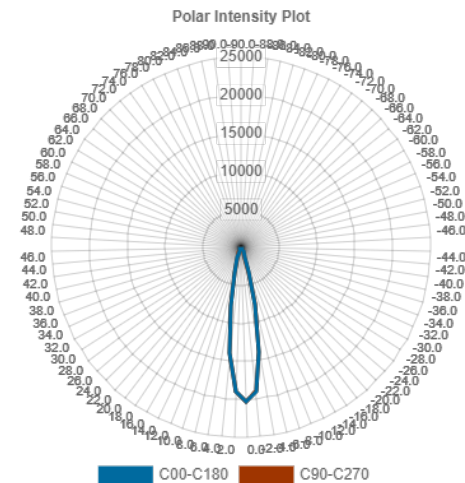
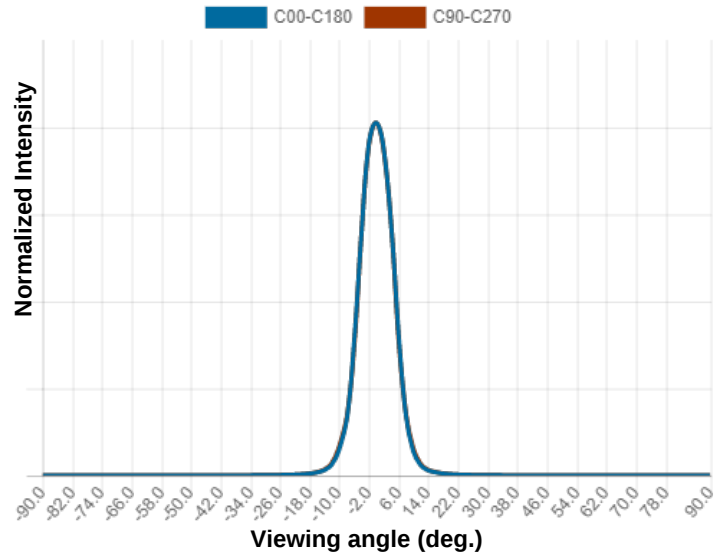
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
10.4		18.4		20.3	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



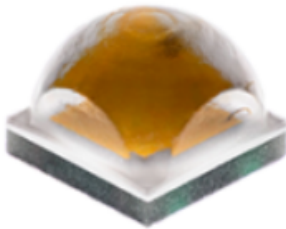
3D Schematics

LLC05N7 with CREE XP-L

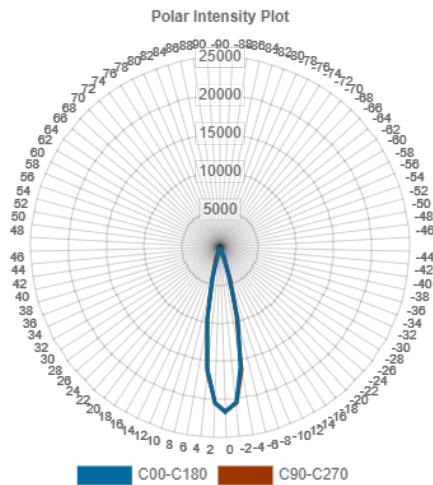
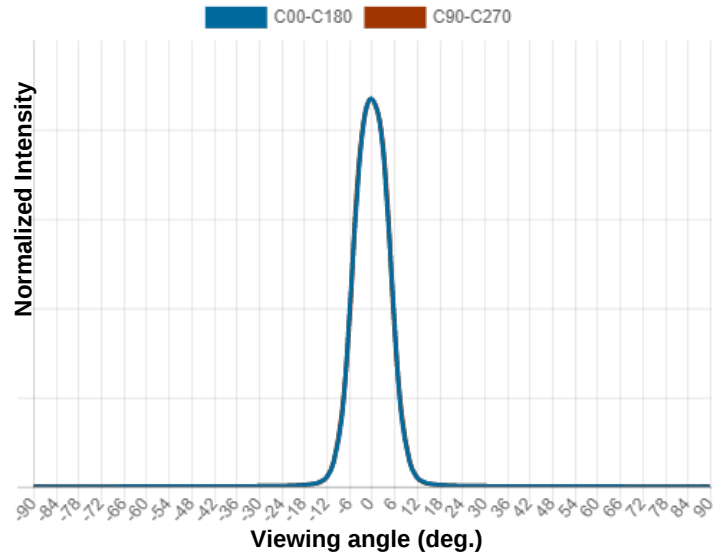
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
11.2		18.4		21.7	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

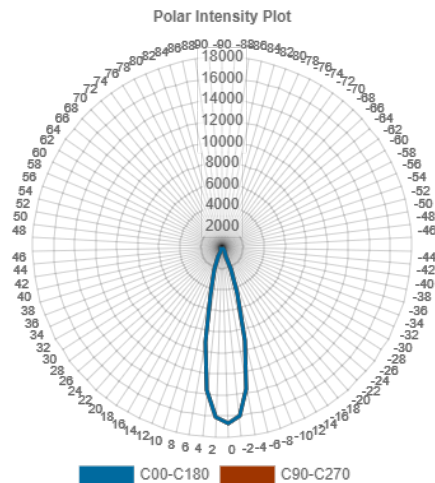
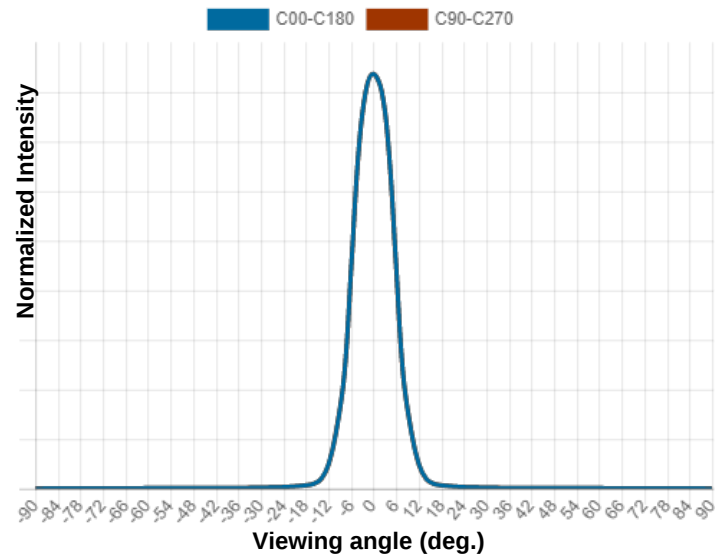
LLC05N7 with CREE XP-L2

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
12.6		21.4		16.7	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



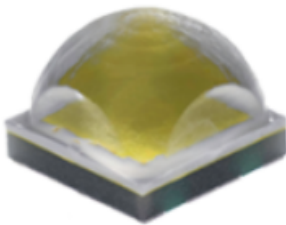
3D Schematics

LLC05N7 with CREE XHP35 HD

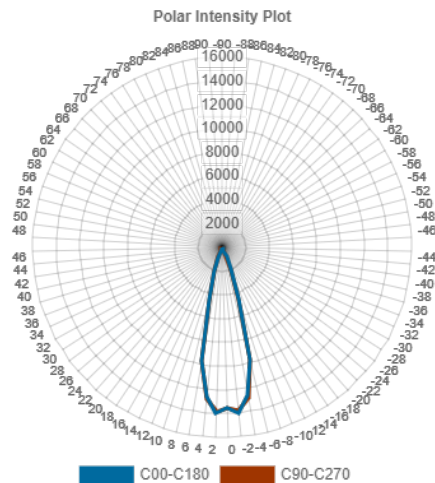
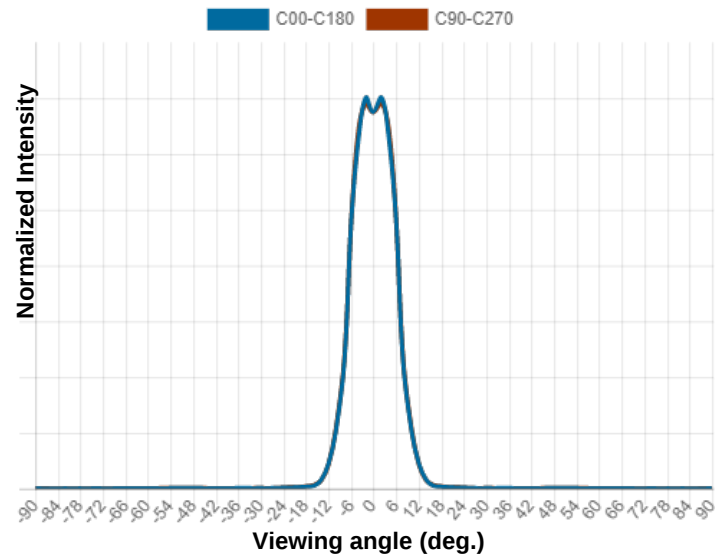
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
13.9		22.2		13.9	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

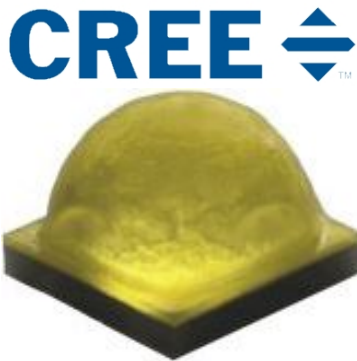


3D Schematics

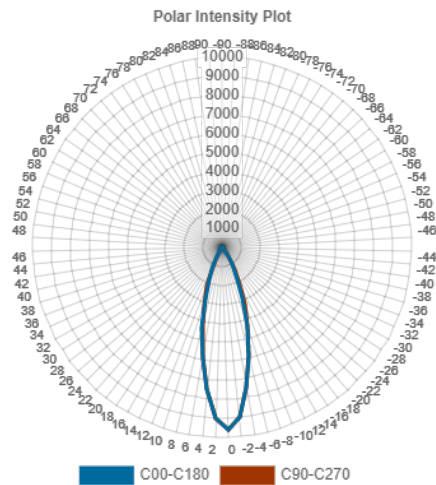
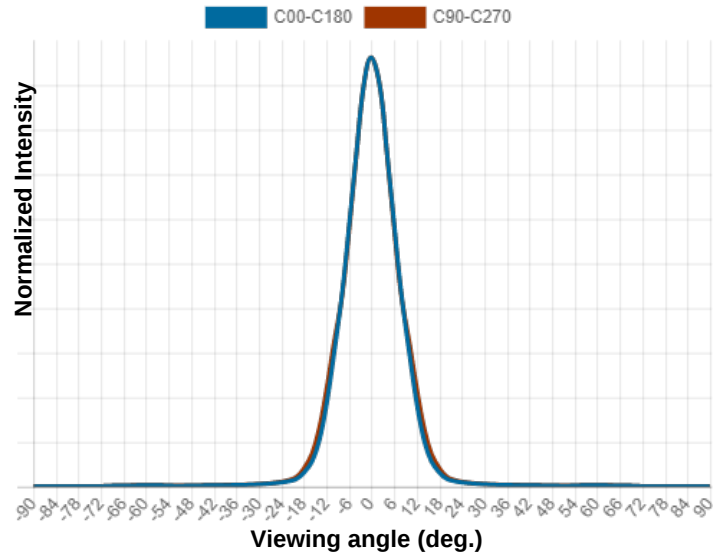
LLC05N7 with CREE XHP35.2 HD

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
14.7		29.3		9.6	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

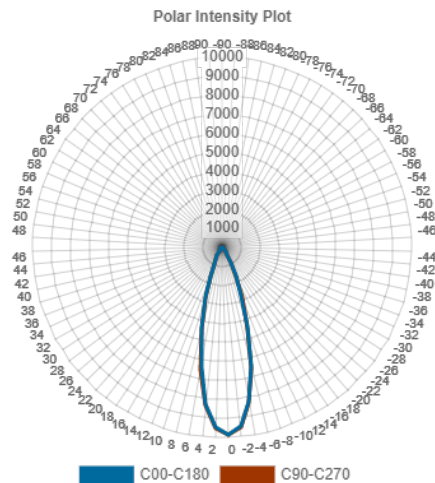
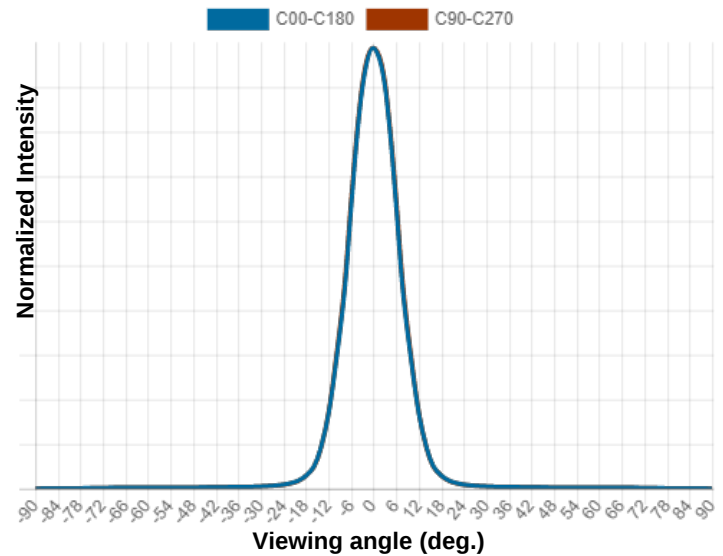
LLC05N7 with CREE CMA1303

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
14.9		27.7		9.9	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



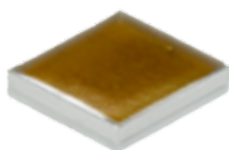
3D Schematics

LLC05N7 with CREE MHD-E

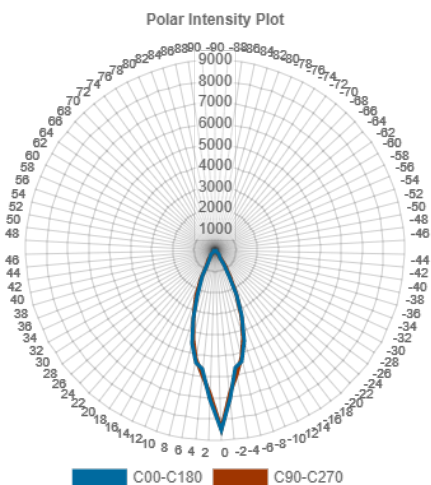
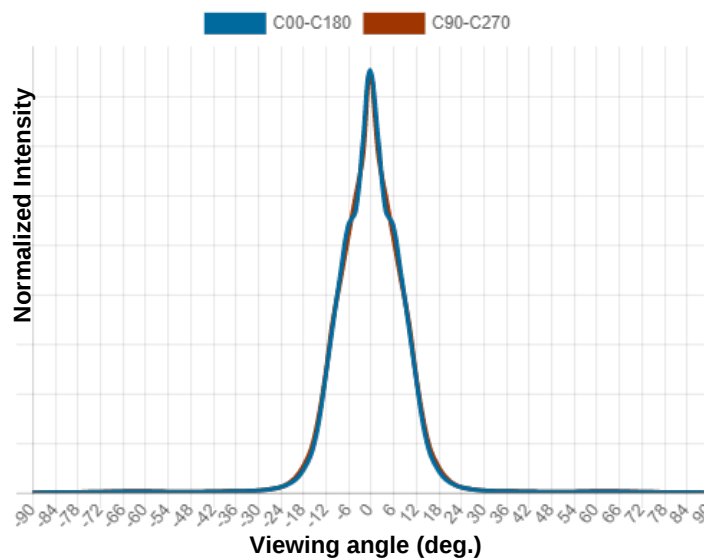
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
16.9		31.8		8.5	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

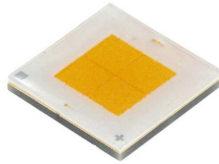


3D Schematics

LLC05N7 with CREE XHP70.3 HI

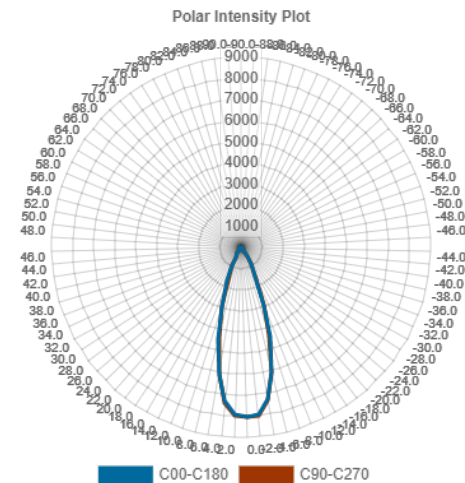
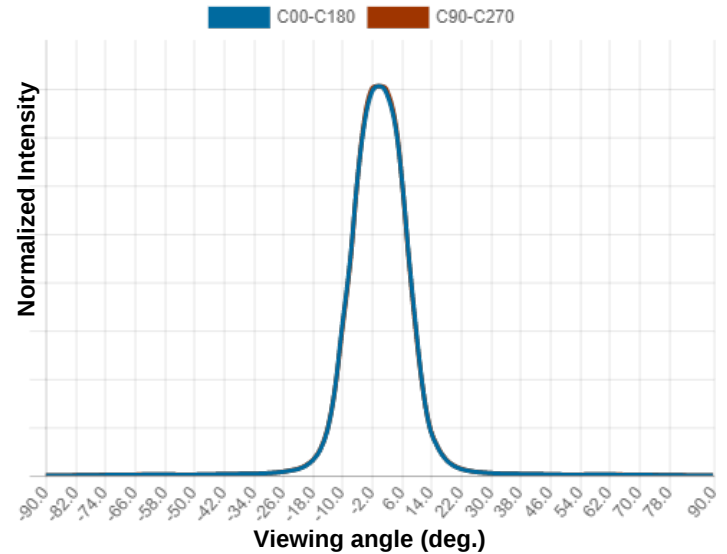
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
17.0		28.9		8.1	



XHP70.3 High Intensity

A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

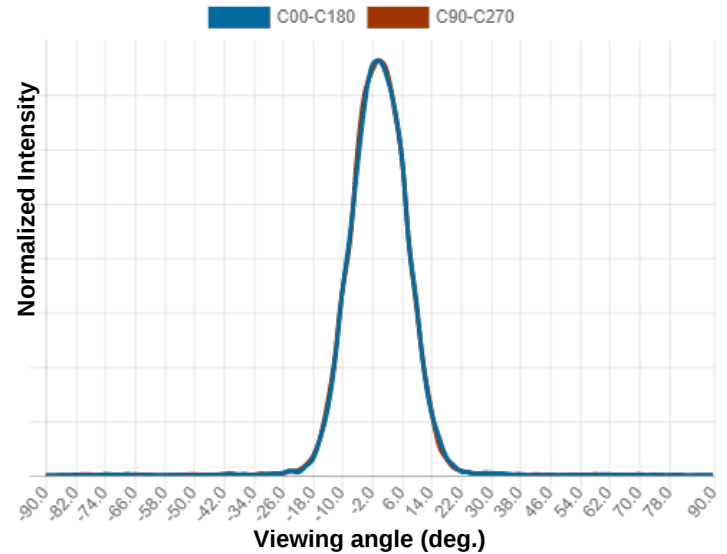


3D Schematics

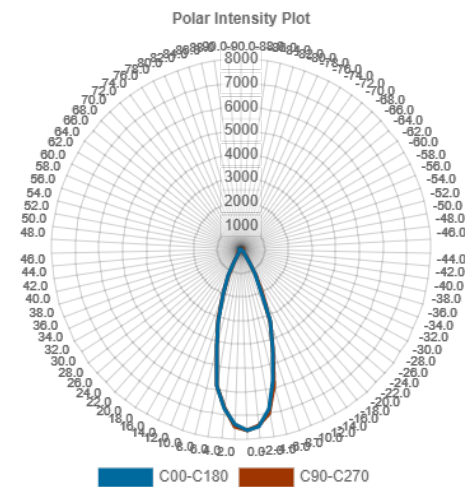
LLC05N7 with CREE CXA 13XX

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
17.6		30.7		7.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

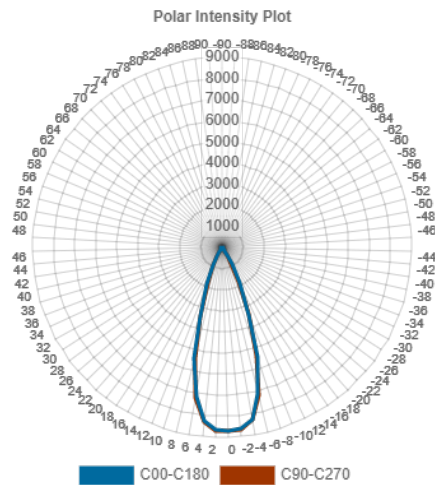
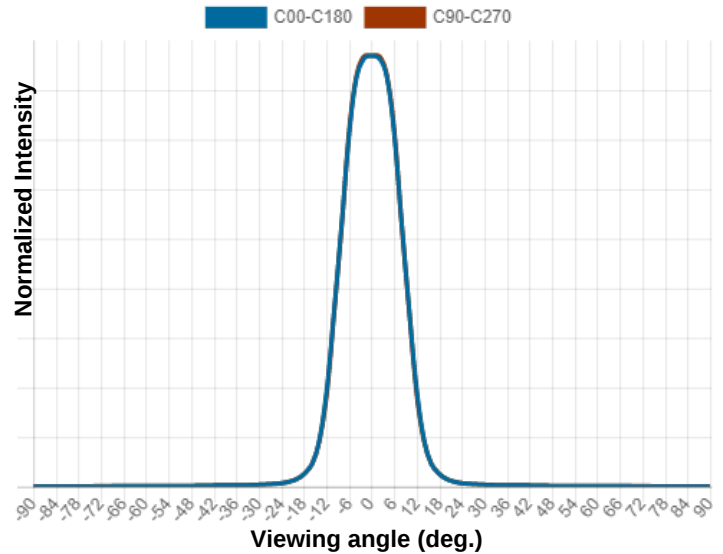
LLC05N7 with CREE XHP50.2

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
18.1		28.1		9.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS05N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



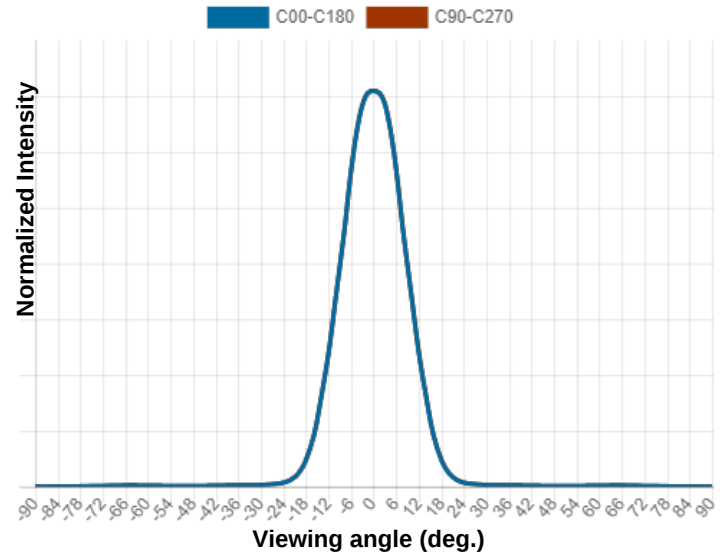
3D Schematics

LLC05N7 with CREE CXB 1310

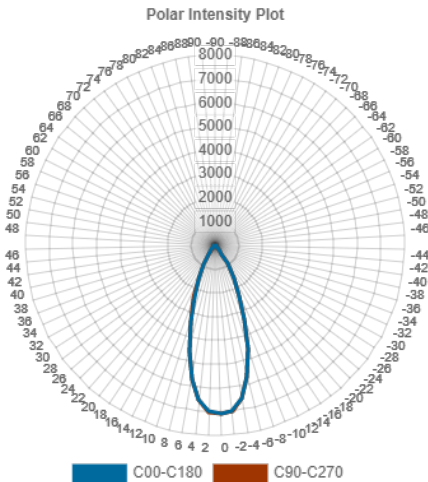
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
19.4		33.5		7.1	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

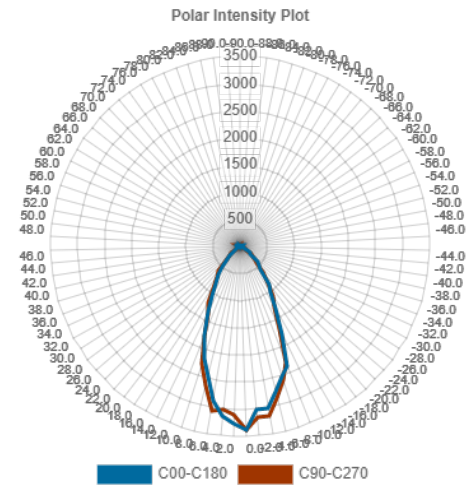
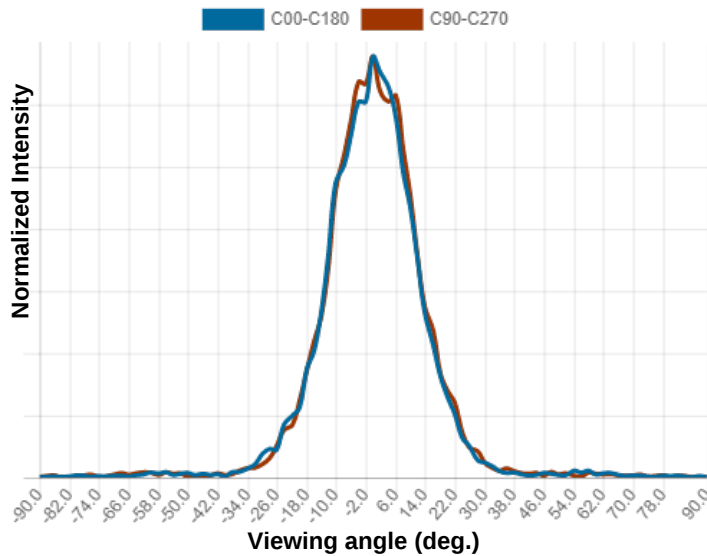
LLC05N7 with CREE CXA 1507

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
24.9		48.2		3.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

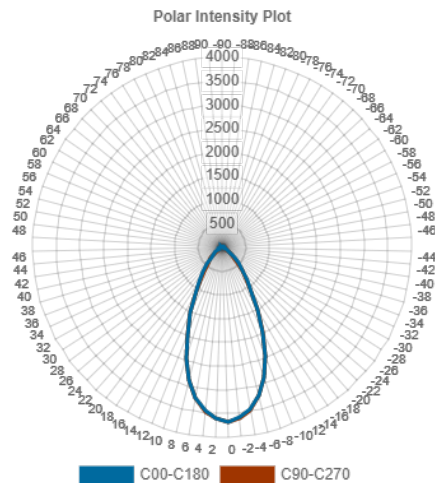
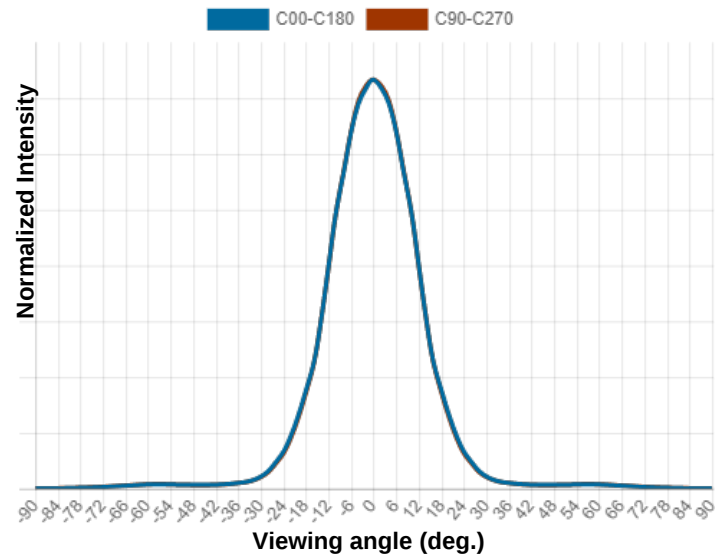
LLC05N7 with CREE CXA 1520

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
25.3		46.8		3.7	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



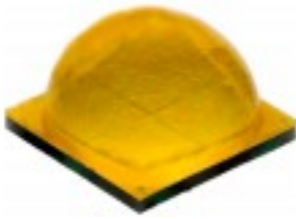
3D Schematics

LLC05N7 with CREE XHP70.2

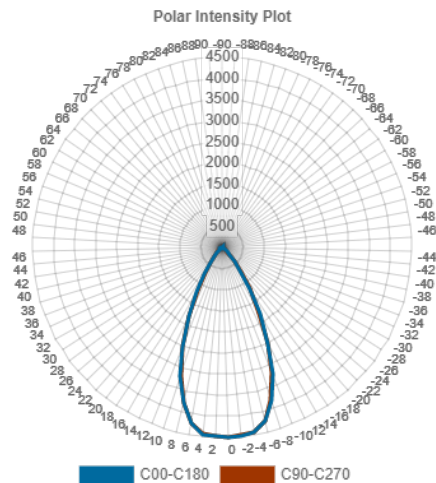
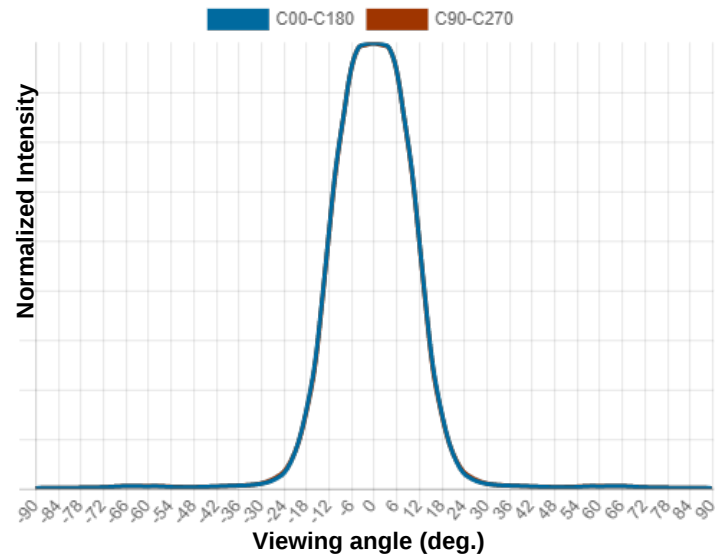
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
25.6		40.1		4.5	

CREE 



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

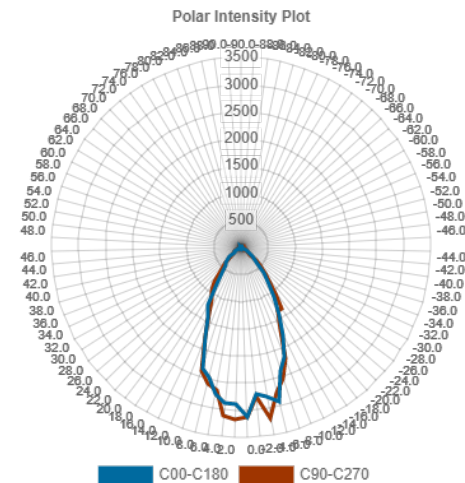
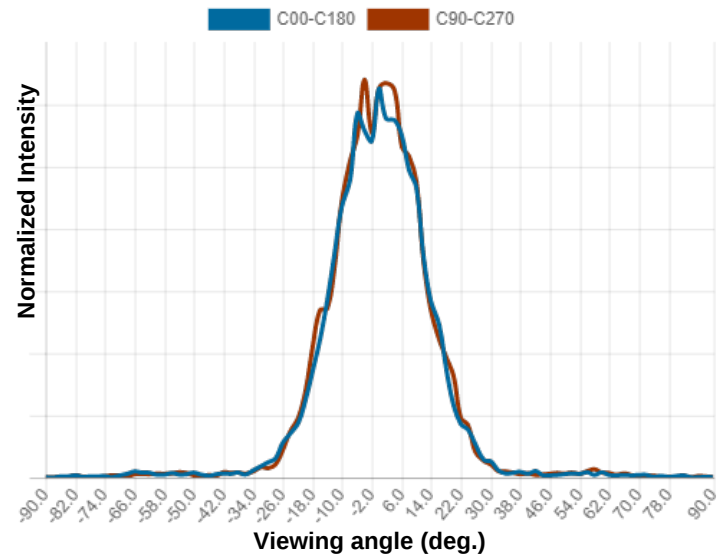
LLC05N7 with CREE CXB 1507

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
26.7		49.5		3.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

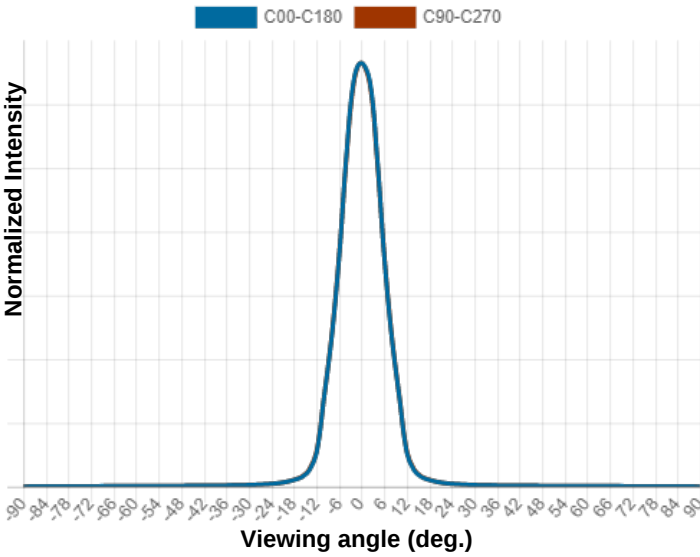


3D Schematics

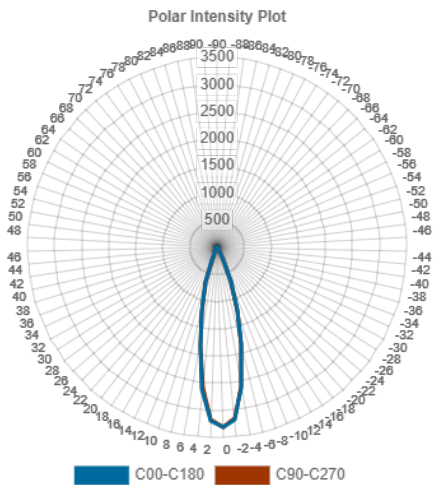
LLC05N7 with EDISON 2PHM10xWxxP55020

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
13.0		23.0		3.3	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with LED ENGIN LZ1 14CWP2

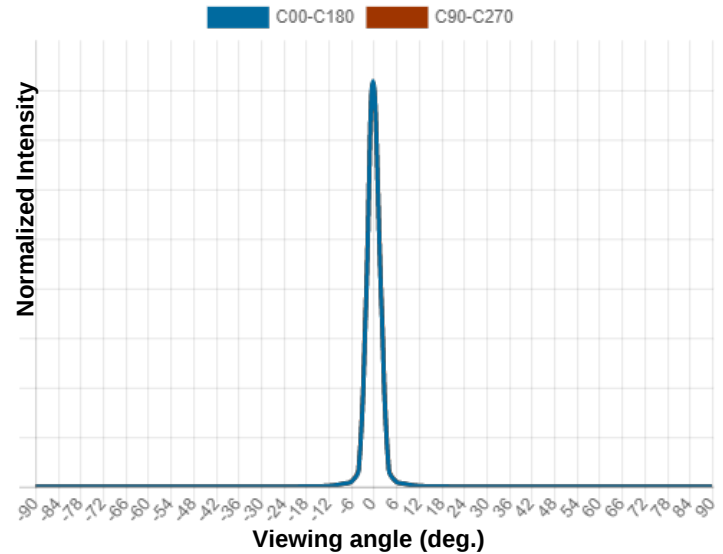
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
3.8		6.3		163.1	

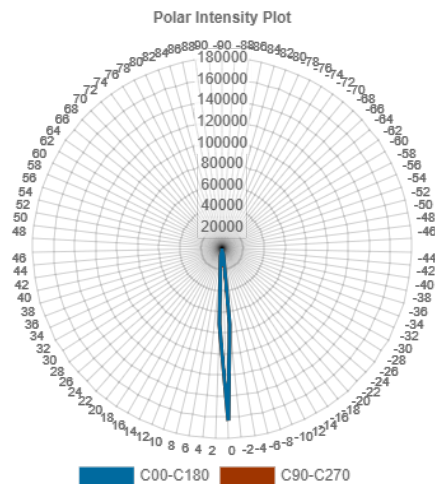
OSRAM

Our Brand

LED ENGIN



A length	B height	C foot
	15.6(mm)	32.0(mm)





LDT file



IES file



2D Schematics

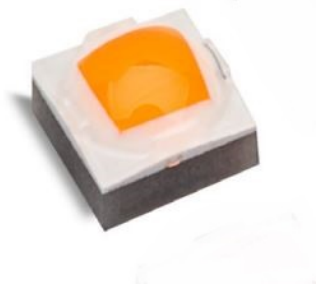


3D Schematics

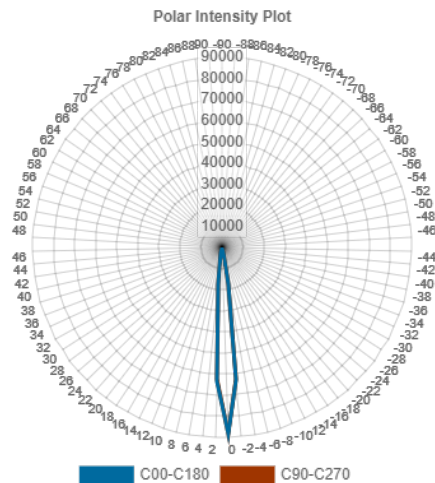
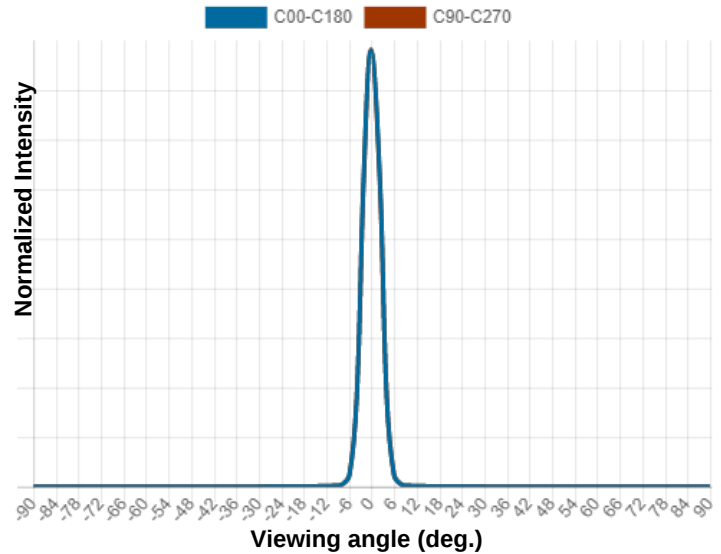
LLC05N7 with LUMILEDS LUXEON C

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
5.4		9.6		88.1	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

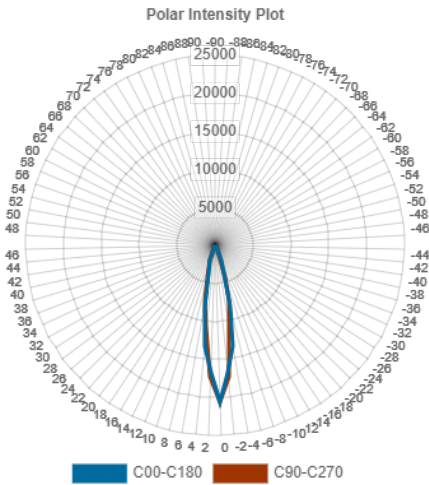
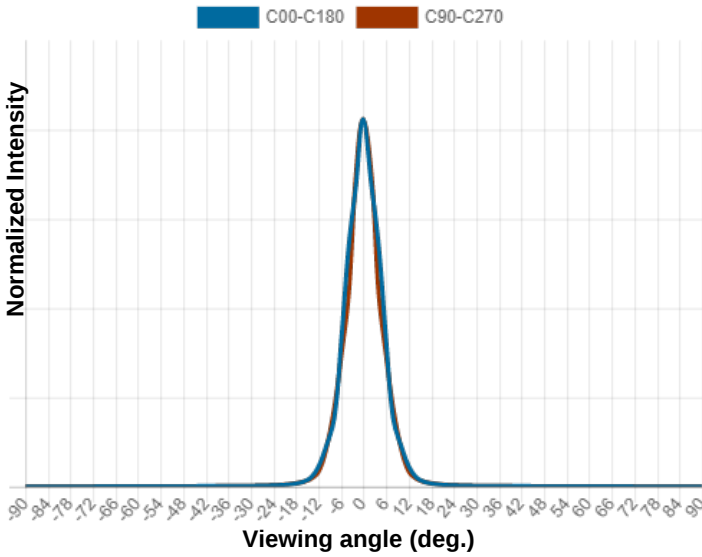
LLC05N7 with LUMILEDS LUXEON Z CLUSTER x4 TUNABLE WHITE

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.2		20.0		21.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



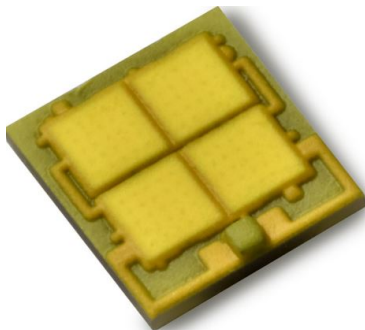
Accessories	
LLS05N72AAB00	LLS05N72HEL001

- LDT file
- IES file
- 2D Schematics
- 3D Schematics

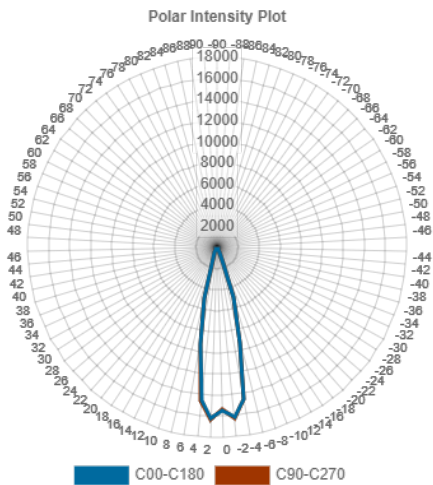
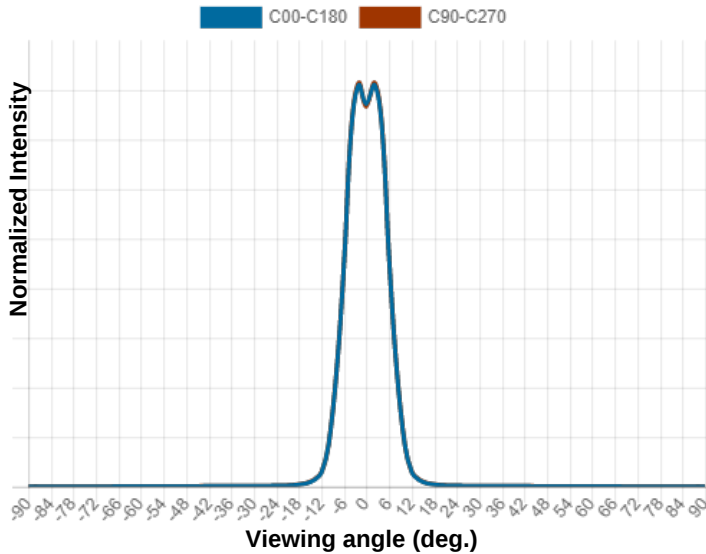
LLC05N7 with LUMILEDS LUXEON MZ

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
12.8				16.7	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories								
LLH02HEL00	LLS25N72HEL00	LLH02MTB00	LLH02RD100	LLH02BAB00	LLH02BAB02	LLH02BBB00	LLH02BBB02	LLH02BCB00

- LDT file
- IES file
- 2D Schematics
- 3D Schematics

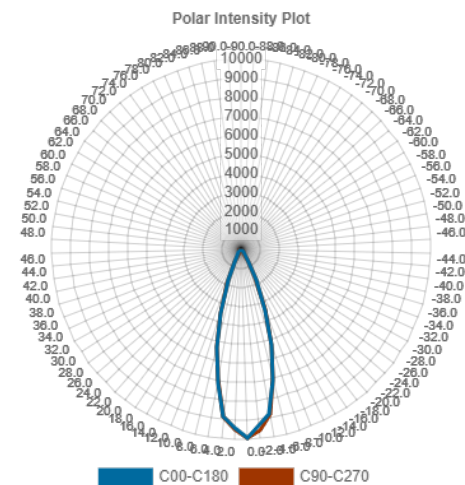
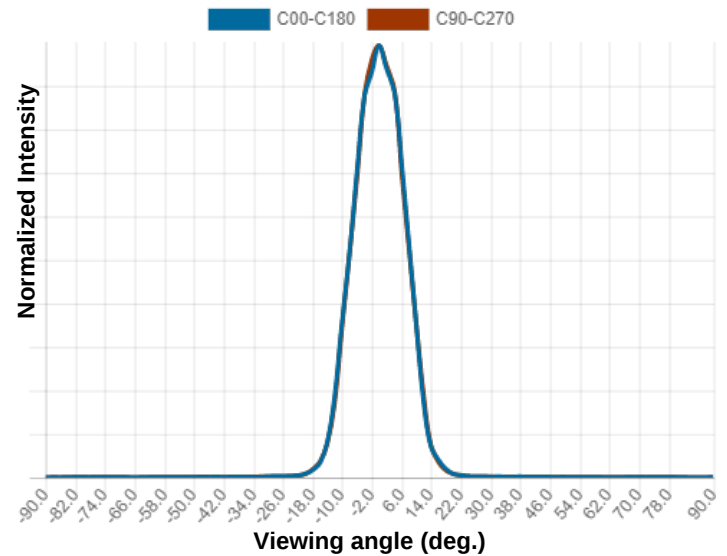
LLC05N7 with LUMILEDS LUXEON_CX_PLUS_CoB_HDS01H04

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
16.4		26.5		10.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

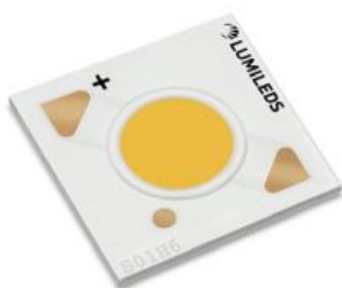


3D Schematics

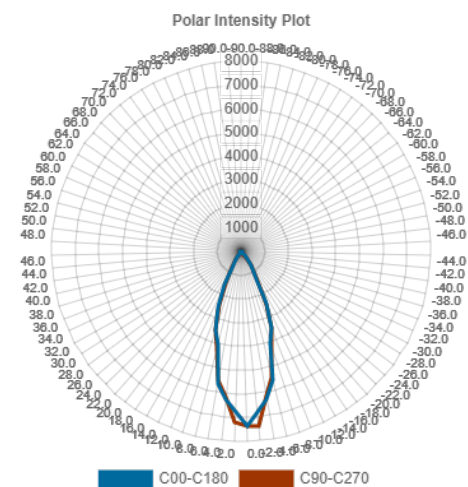
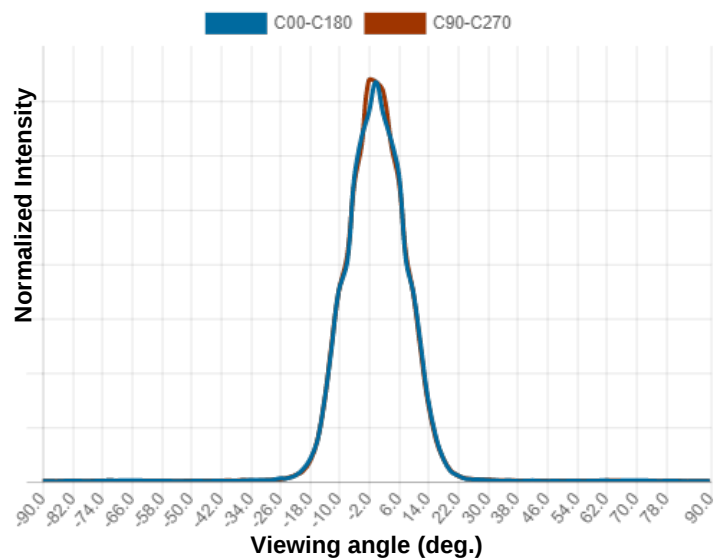
LLC05N7 with LUMILEDS LUXEON_CX_PLUS_CoB_HDS01H06

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
17.5		31.8		7.5	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

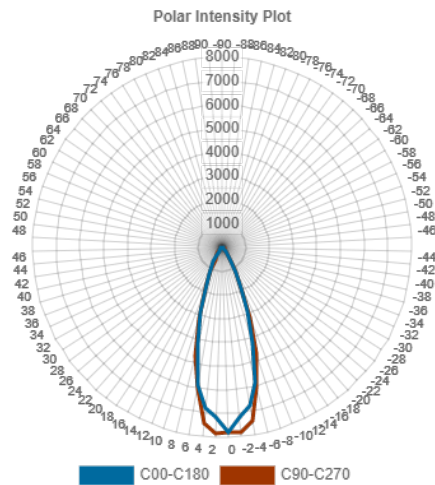
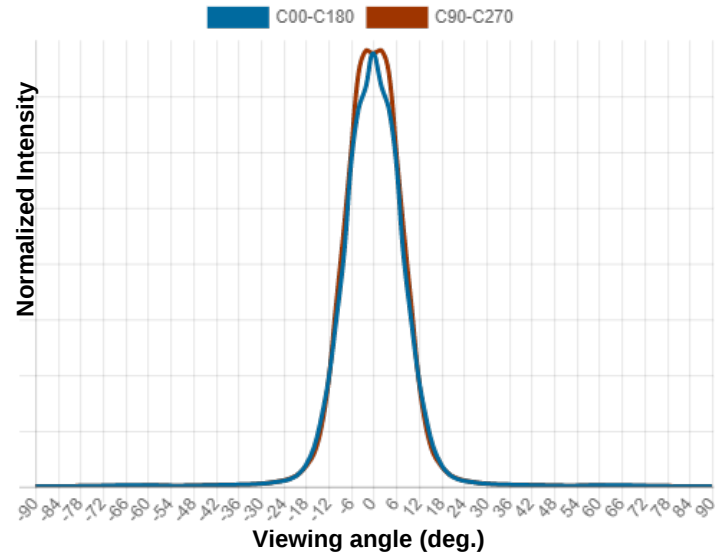
LLC05N7 with LUMILEDS LUXEON M

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
18.6		29.5		7.6	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

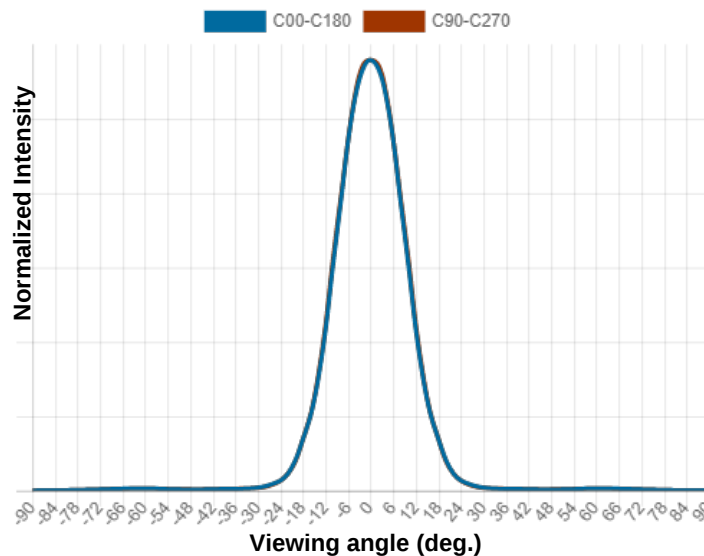


3D Schematics

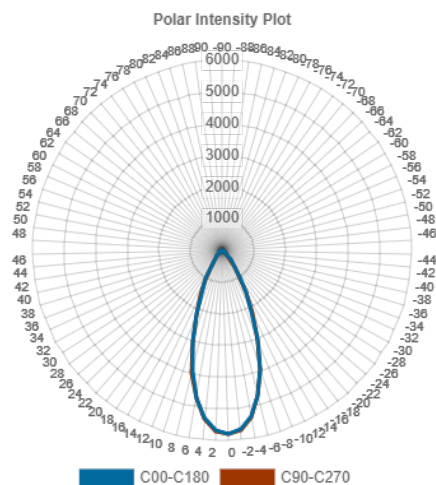
LLC05N7 with LUMILEDS LUXEON COB 1202S

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
20.6		37.2		5.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

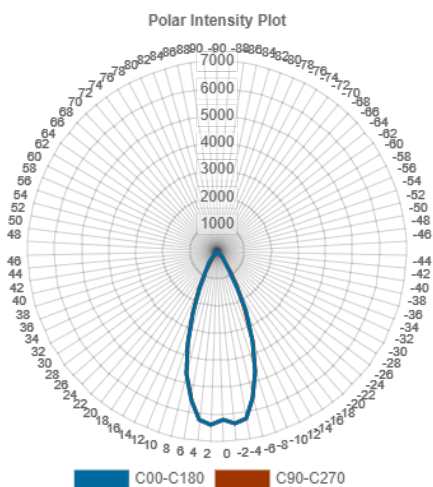
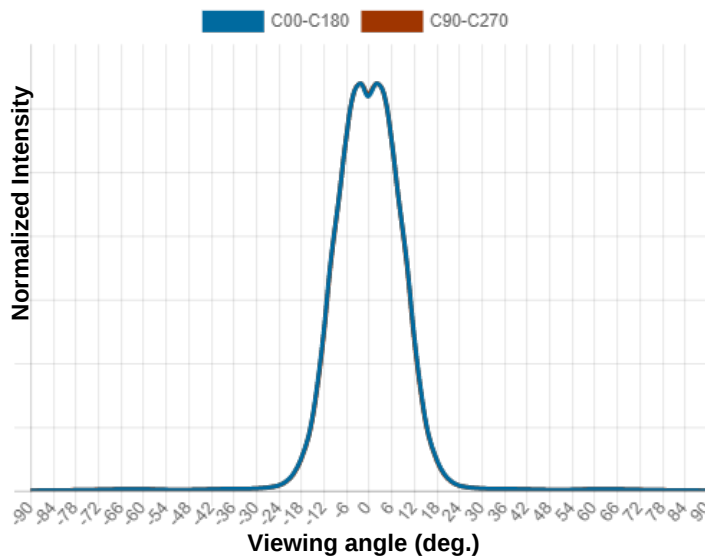
LLC05N7 with LUMILEDS LUXEON COB 109

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
21.3		34.1		6.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

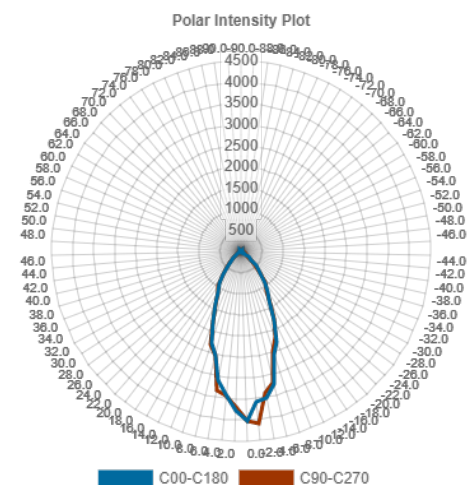
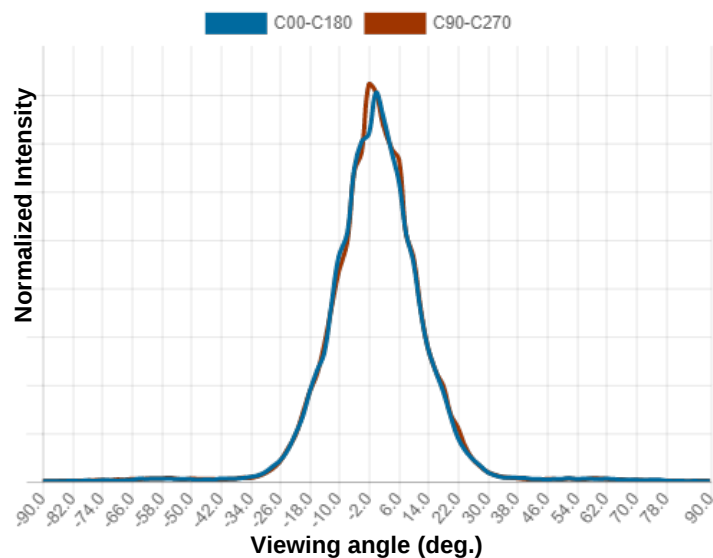
LLC05N7 with LUMILEDS LUXEON_CX_PLUS_CoB_HDM02F09

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
22.0		44.8		4.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

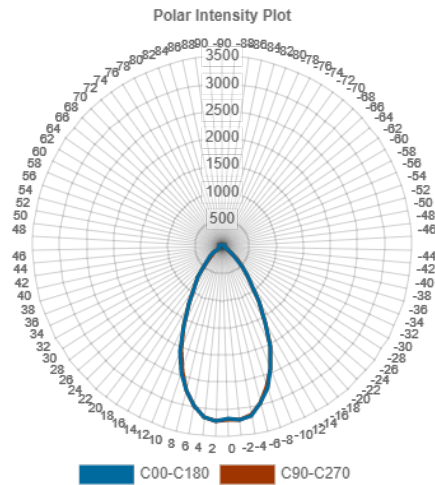
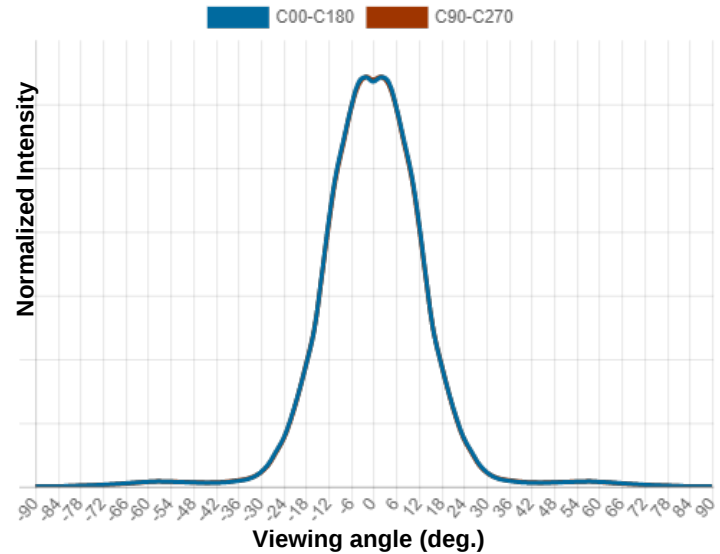
LLC05N7 with LUMILEDS LUXEON COB 1203

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
28.0		49.8		3.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

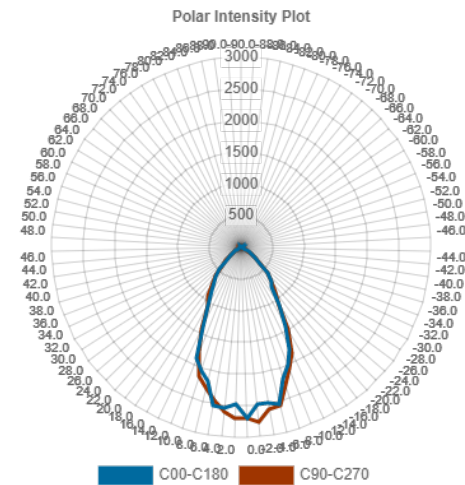
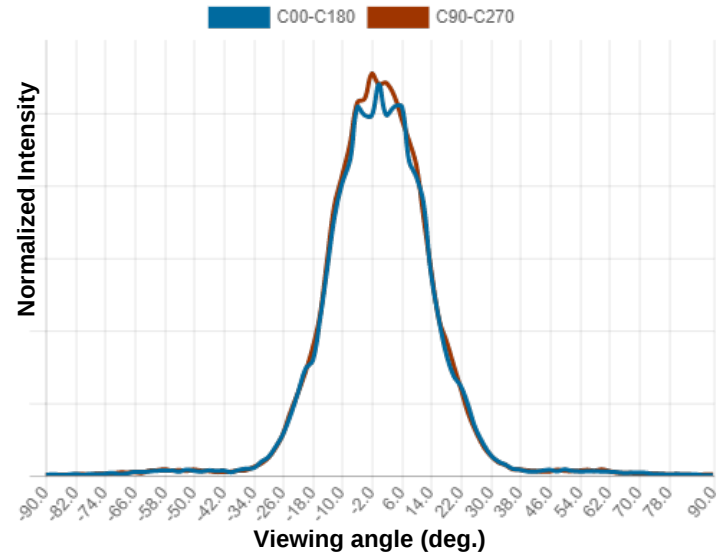
LLC05N7 with LUMILEDS LUXEON_CX_PLUS_COB_HD

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
28.9		52.7		2.7	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics

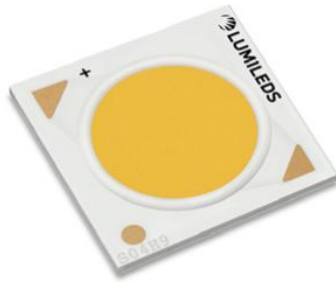


3D Schematics

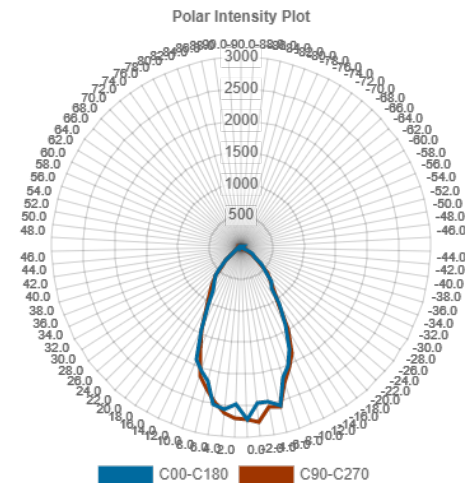
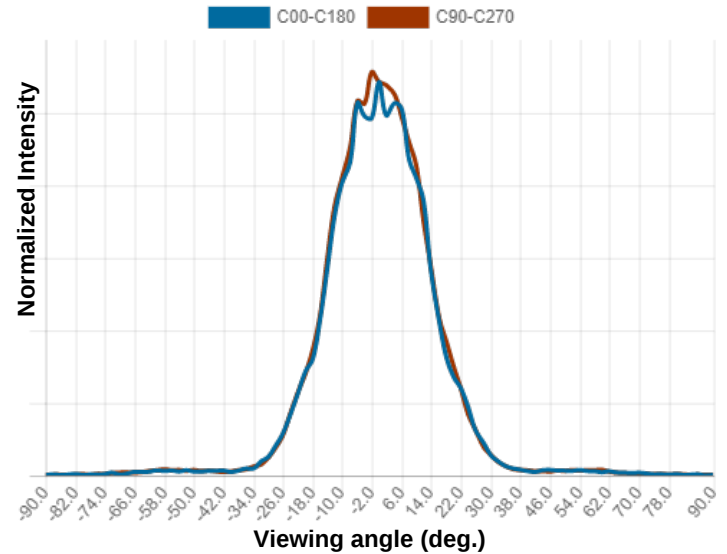
LLC05N7 with LUMILEDS LUXEON_CX_PLUS_CoB_HDS04H09

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
28.9		52.6		2.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

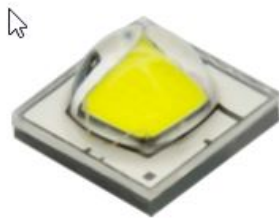


3D Schematics

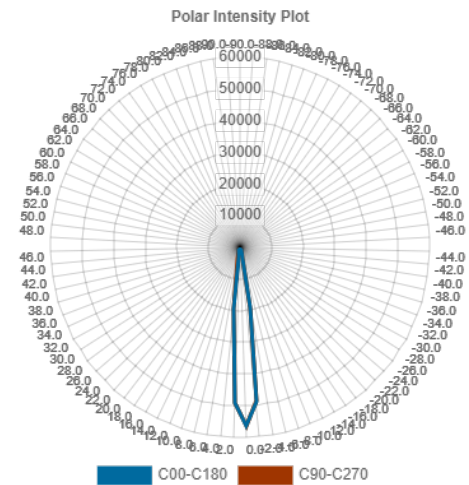
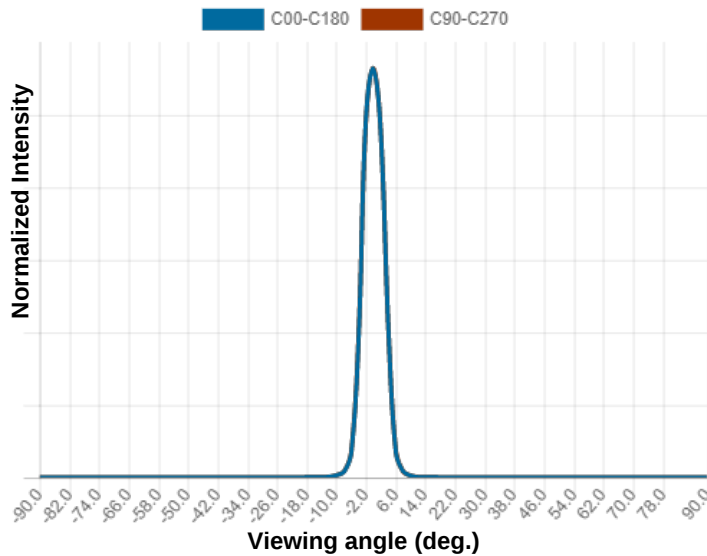
LLC05N7 with LUMINUS SST_20_WxH

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.1		11.2		56.5	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories								
LLH02HEL00	LLS25N72HEL00	LLH02MTB00	LLH02RD100	LLH02BAB00	LLH02BAB02	LLH02BBB00	LLH02BBB02	LLH02BCB00

LDT file

IES file

2D Schematics

3D Schematics

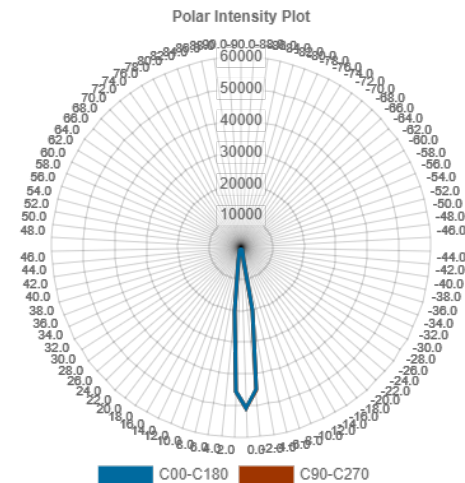
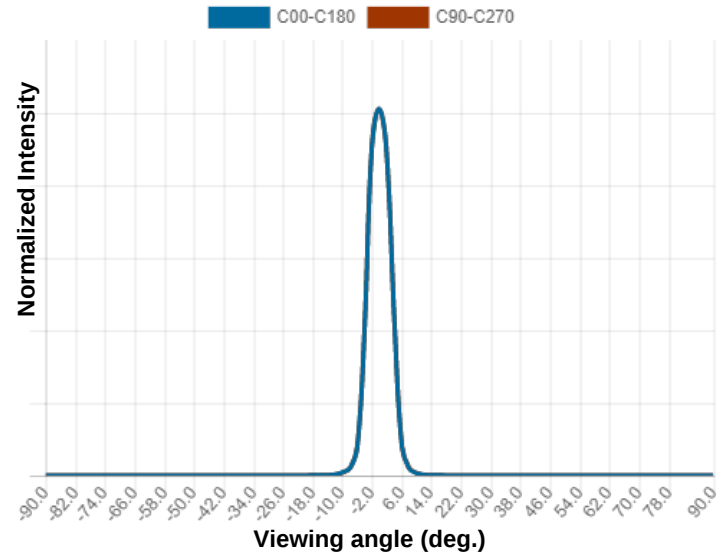
LLC05N7 with LUMINUS SST_20_WxS

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.3		11.6		50.6	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

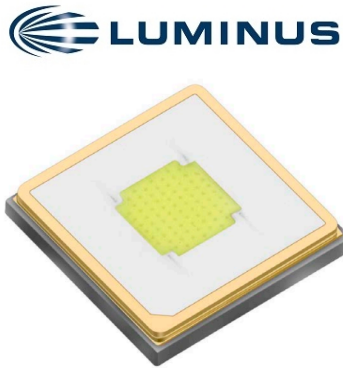


3D Schematics

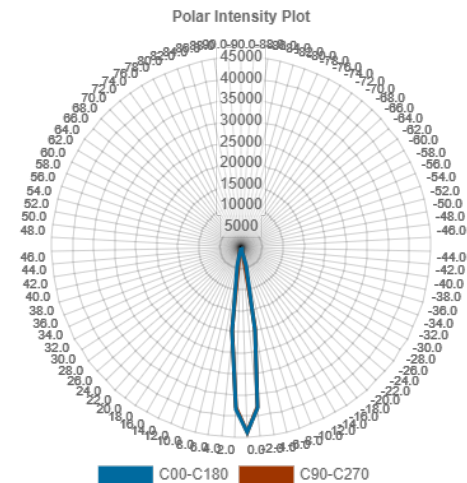
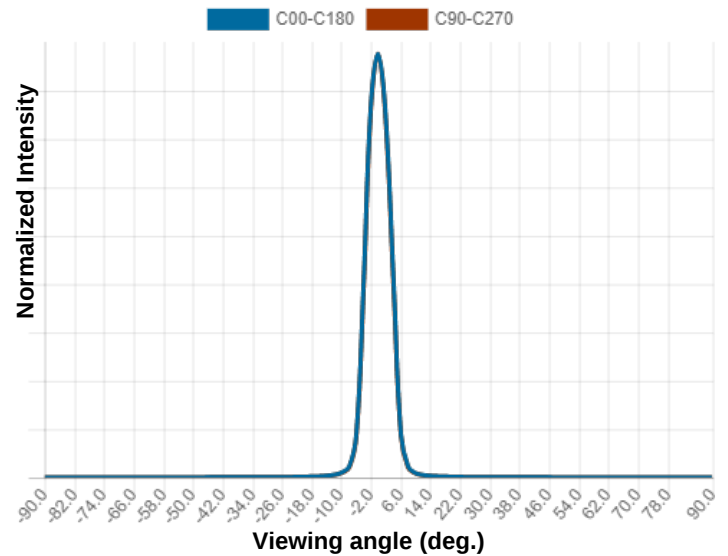
LLC05N7 with LUMINUS SFT-40

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.6		12.0		43.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02AAC02

LLH02AAC00



LDT file



IES file



2D Schematics



3D Schematics

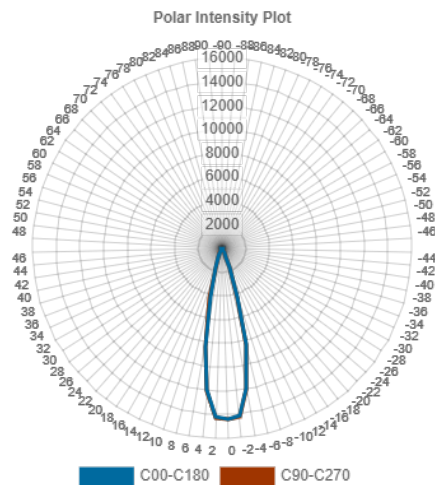
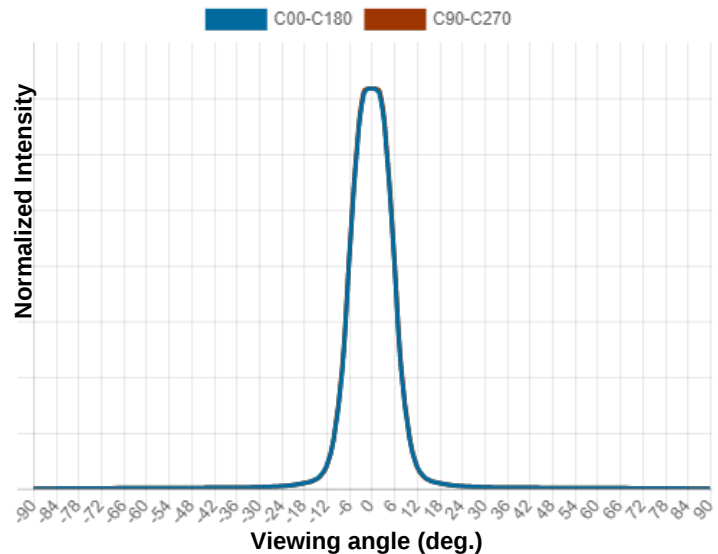
LLC05N7 with LUMINUS CXM_3

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
13.1		20.8		14.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics

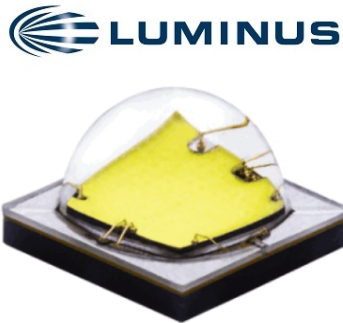


3D Schematics

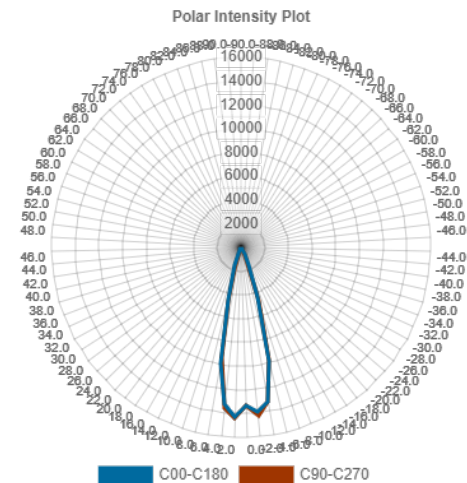
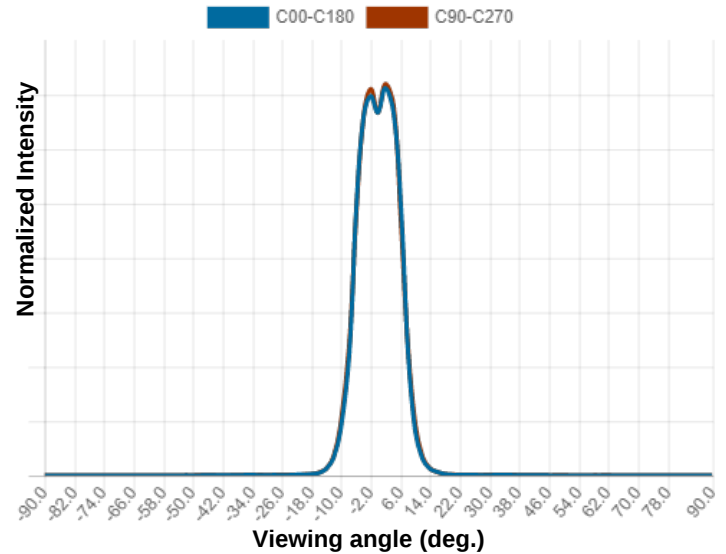
LLC05N7 with LUMINUS SST-70

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
14.0		21.6		13.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02AAC02

LLH02AAC00

LLH02AAC021

LLH02AAC001



LDT file



IES file



2D Schematics



3D Schematics

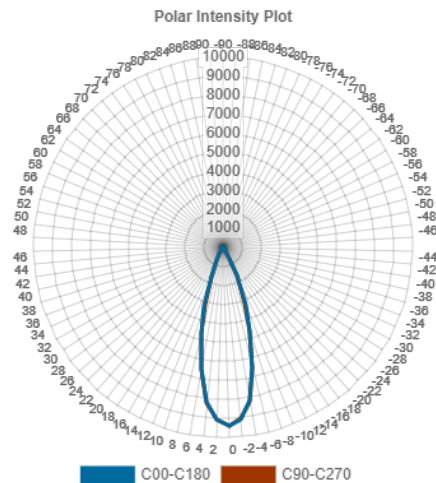
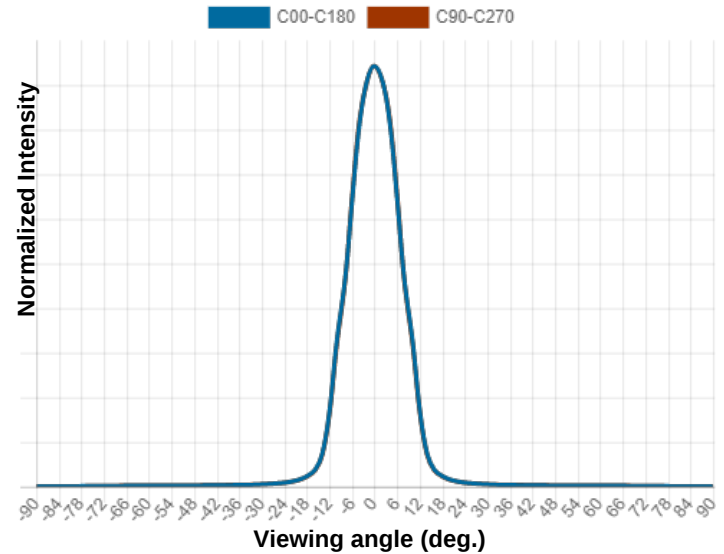
LLC05N7 with LUMINUS CXM_4

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
15.9		26.4		9.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

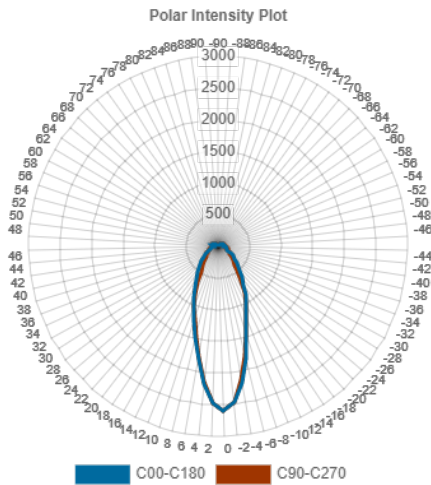
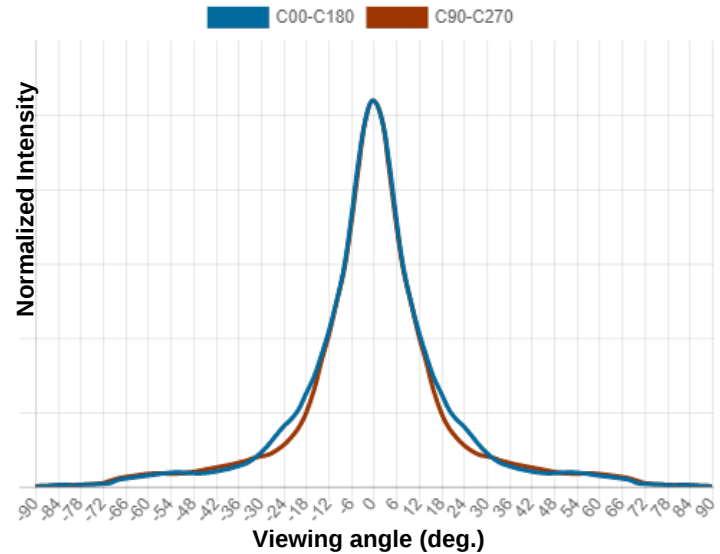
LLC05N7 with LUMINUS CXM_9

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
18.5		53.4		2.6	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

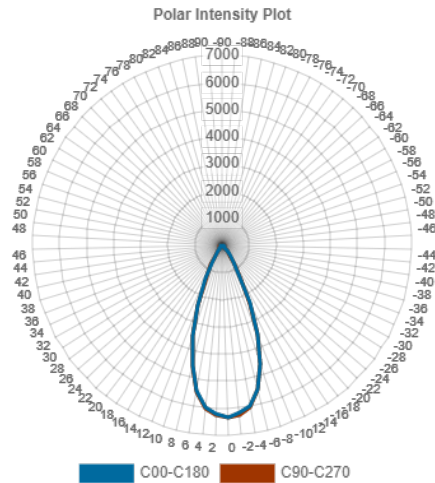
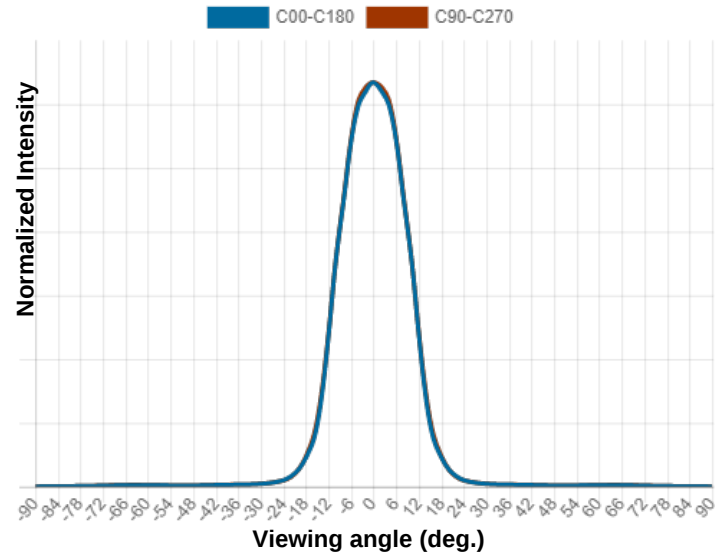
LLC05N7 with LUMINUS CXM_6

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
21.2		33.5		6.3	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

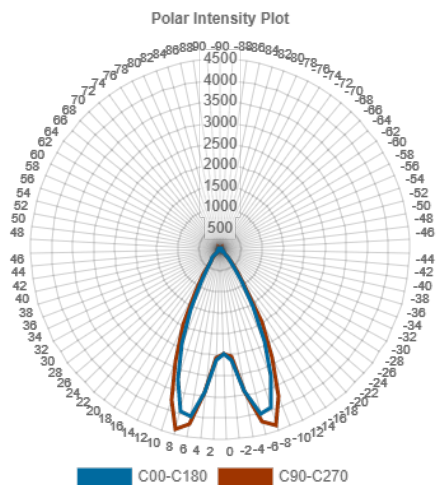
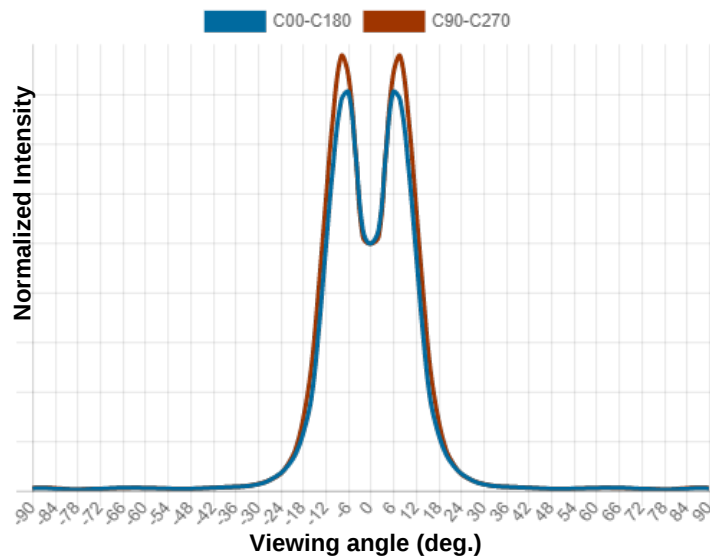
LLC05N7 with LUMINUS CDM_6

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
26.4		38.9		4.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics

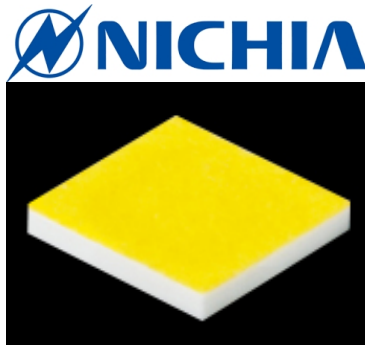


3D Schematics

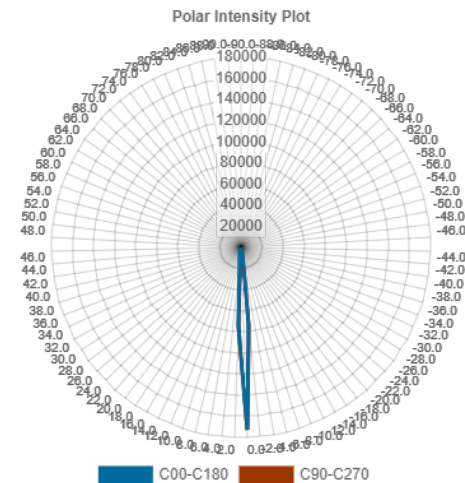
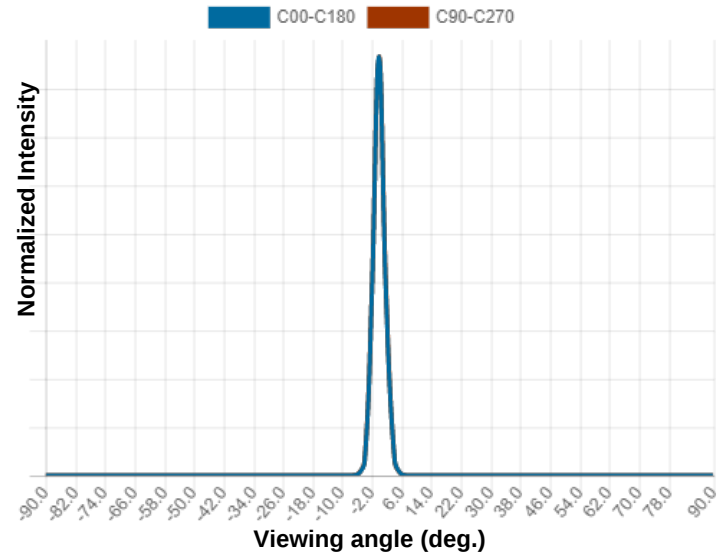
LLC05N7 with NICHIA NFSWE11A

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
3.7		6.2		173.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02XAL02 LLH02RD102 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00 LLH02BCB02



LDT file



IES file



2D Schematics

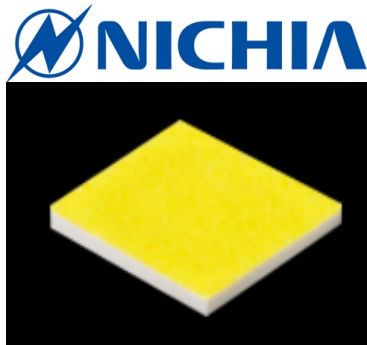


3D Schematics

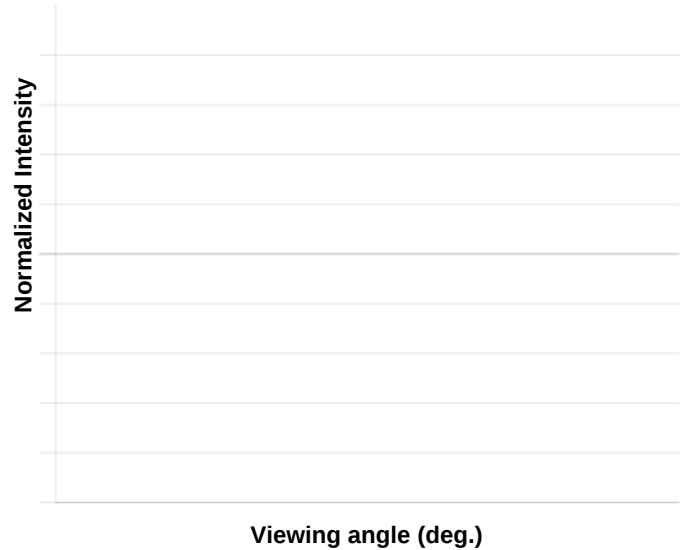
LLC05N7 with NICHIA NCSWE17AT

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
5.3		9.3		94.5	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Polar Intensity Plot



Accessories

LLH02XAL02 LLH02RD102 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00 LLH02BCB02



LDT file



IES file



2D Schematics

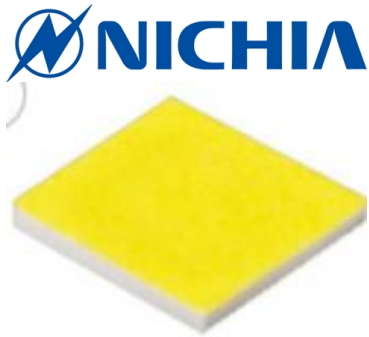


3D Schematics

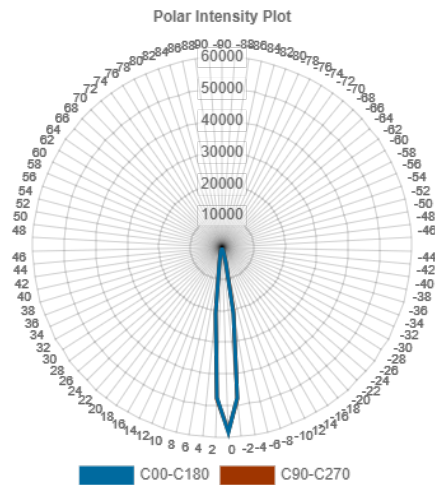
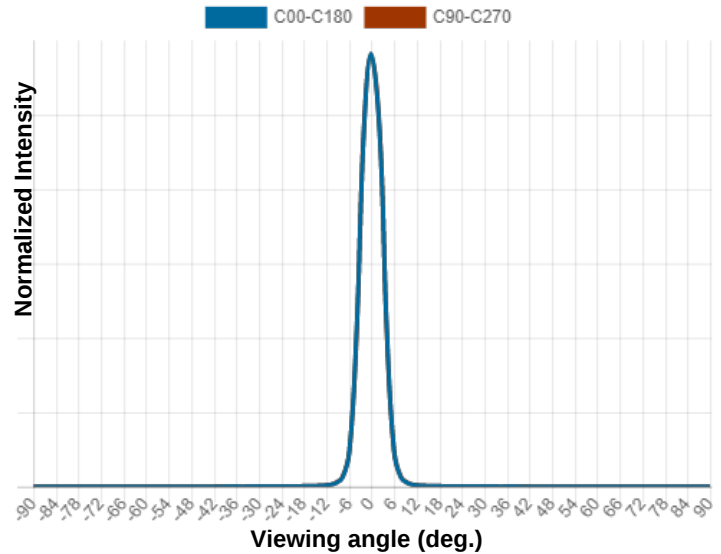
LLC05N7 with NICHIA NVSWE21AT

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
6.9		11.6		58.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02XAL02 LLH02RD102 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00 LLH02BCB02



LDT file



IES file



2D Schematics



3D Schematics

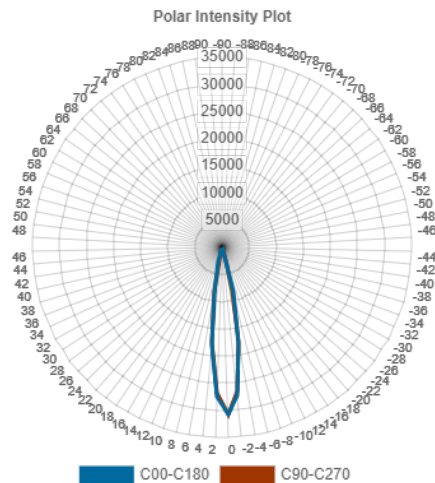
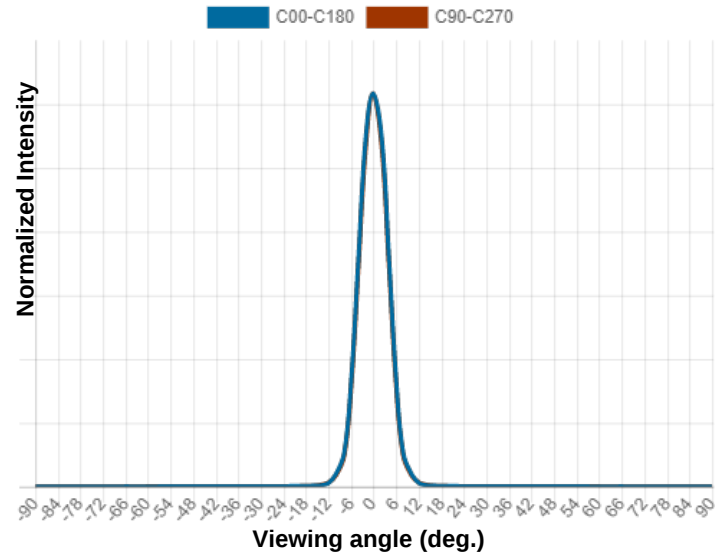
LLC05N7 with NICHIA 757

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.0		15.4		30.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

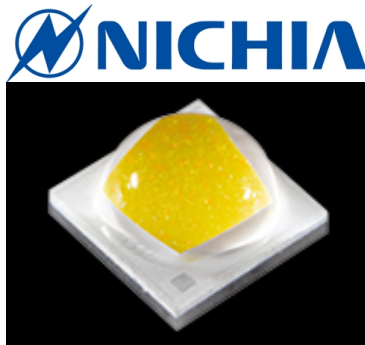


3D Schematics

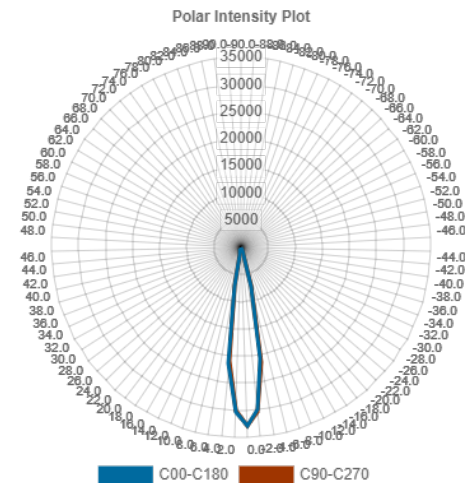
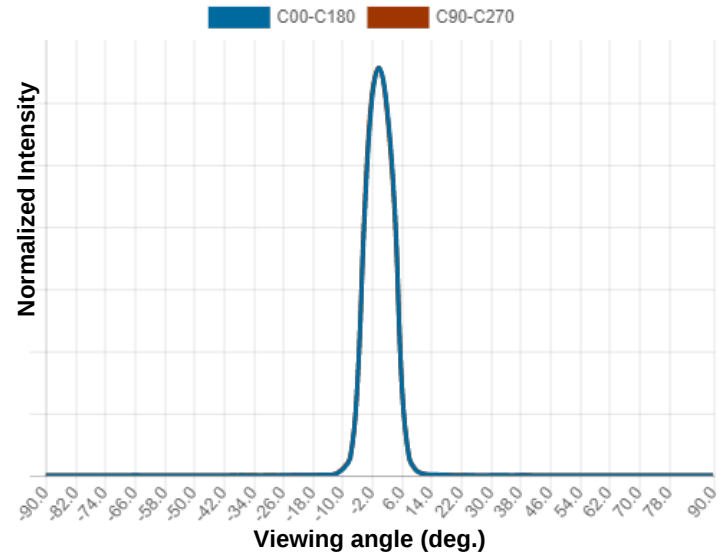
LLC05N7 with NICHIA NVSW219F_V1

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.4		14.1		32.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

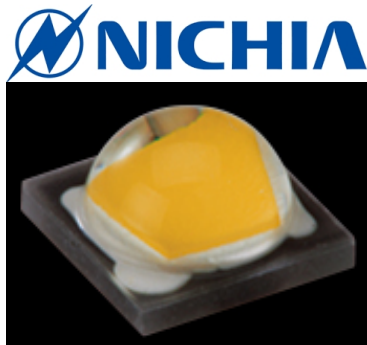


3D Schematics

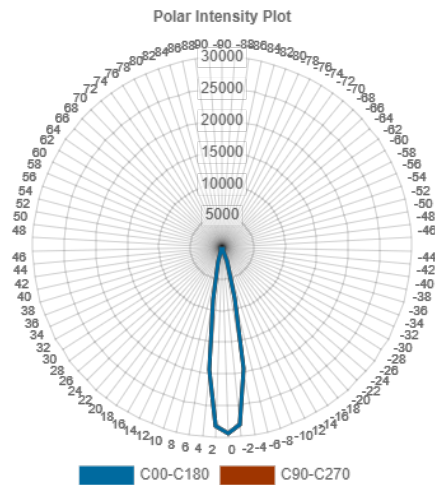
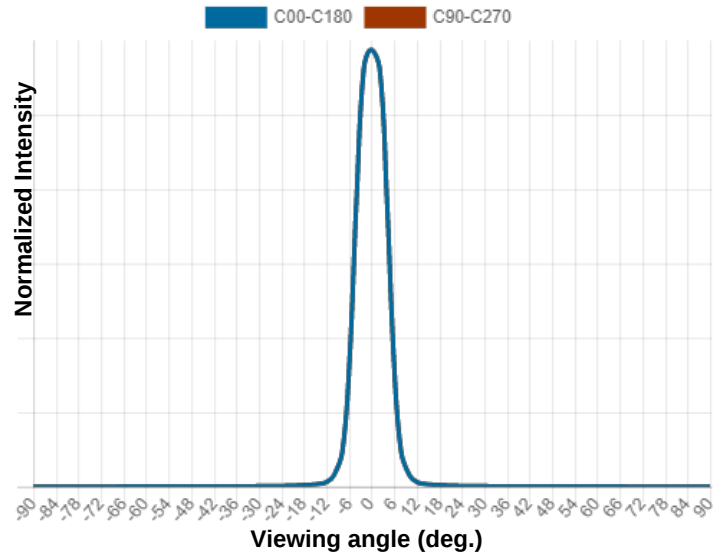
LLC05N7 with NICHIA NVSL219C

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.6		15.4		29.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

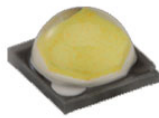


3D Schematics

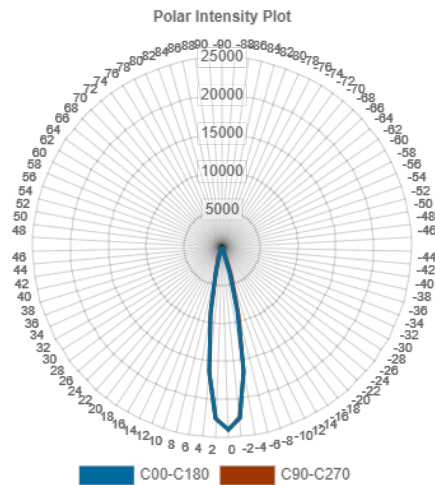
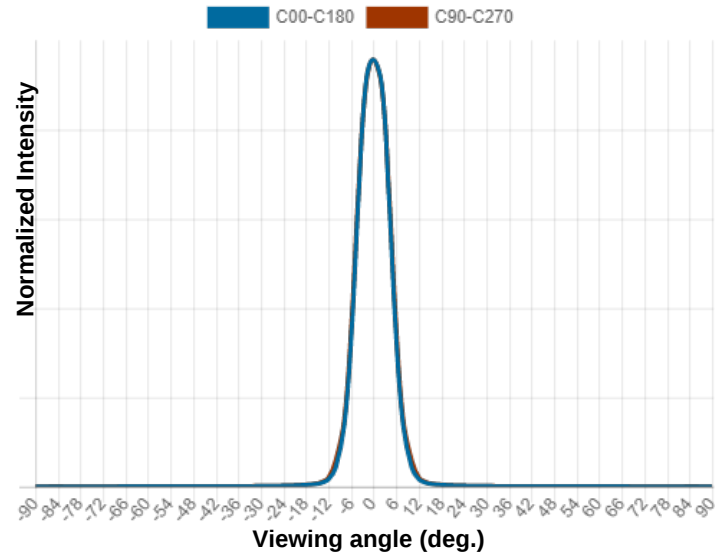
LLC05N7 with NICHIA NVSW319A

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
10.3		17.7		23.9	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

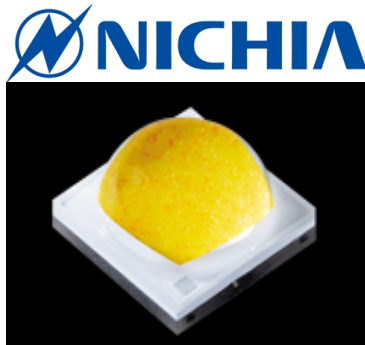


3D Schematics

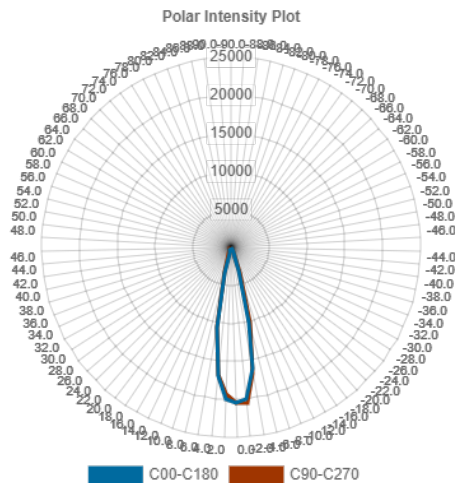
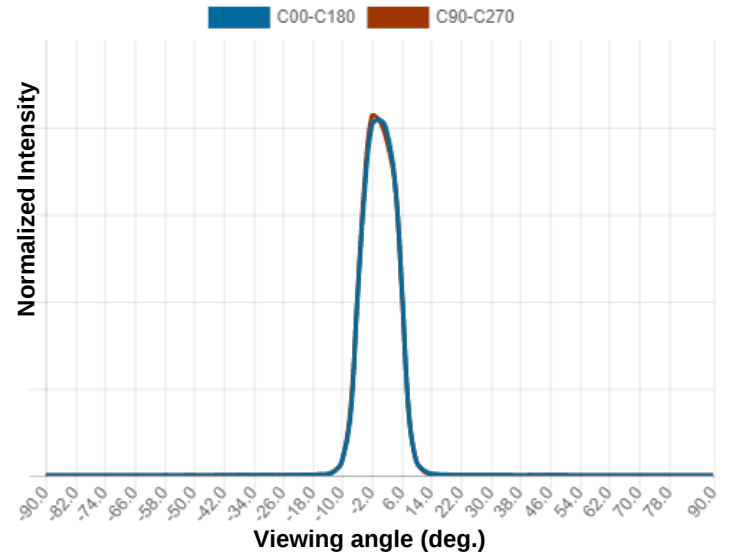
LLC05N7 with NICHIA NVSW519A

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
12.0		17.5		20.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

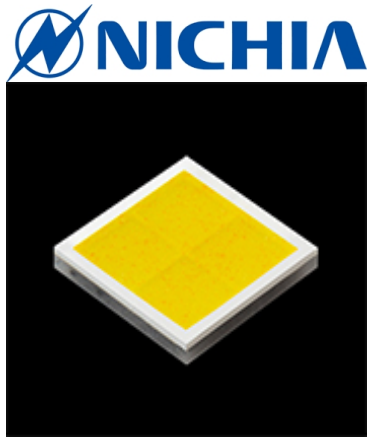


3D Schematics

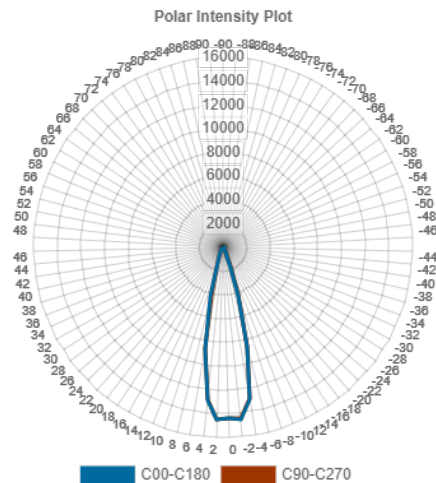
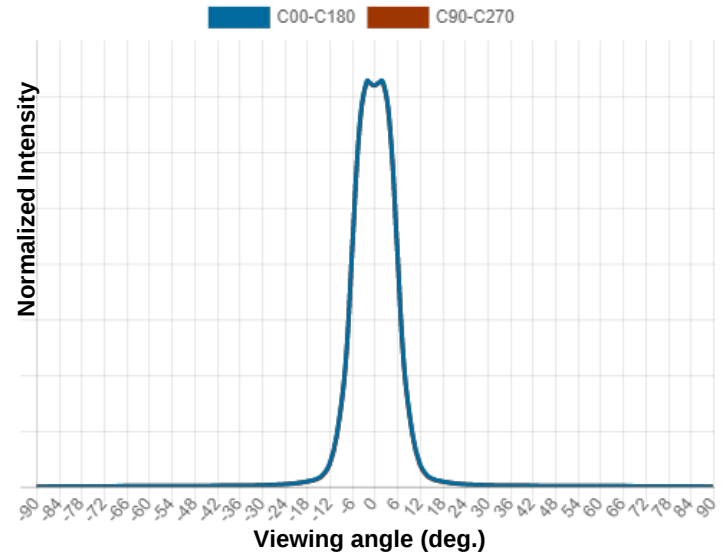
LLC05N7 with NICHIA NV4WB35AM

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
13.2		21.1		14.5	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

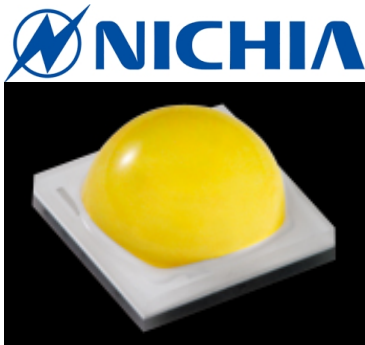


3D Schematics

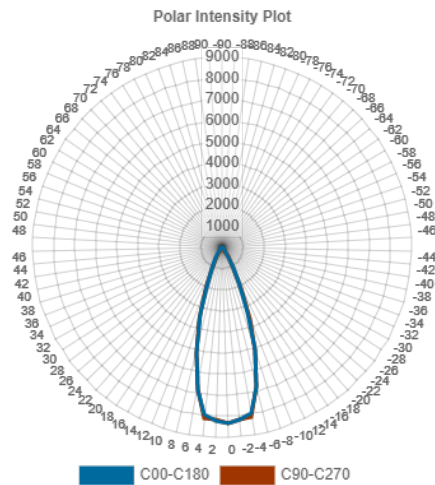
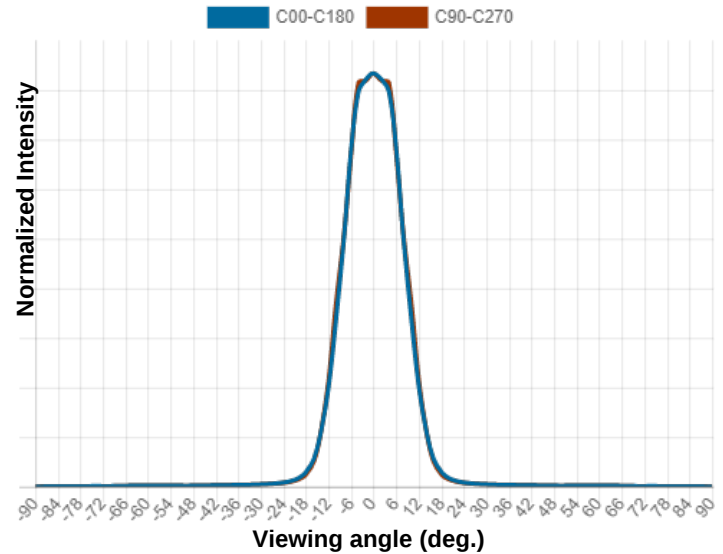
LLC05N7 with NICHIA NV4L144AR

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
18.2		29.8		8.3	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

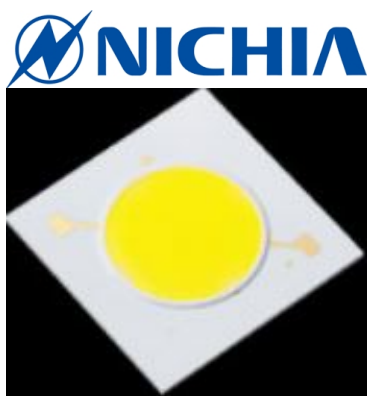


3D Schematics

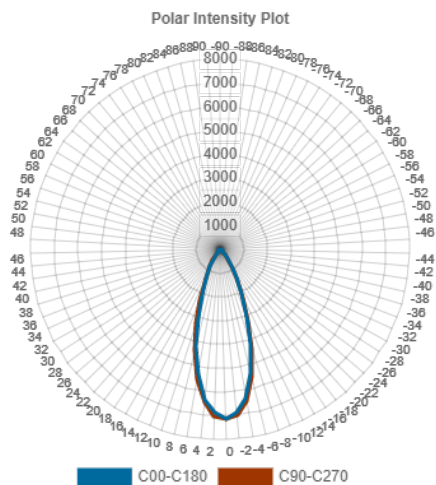
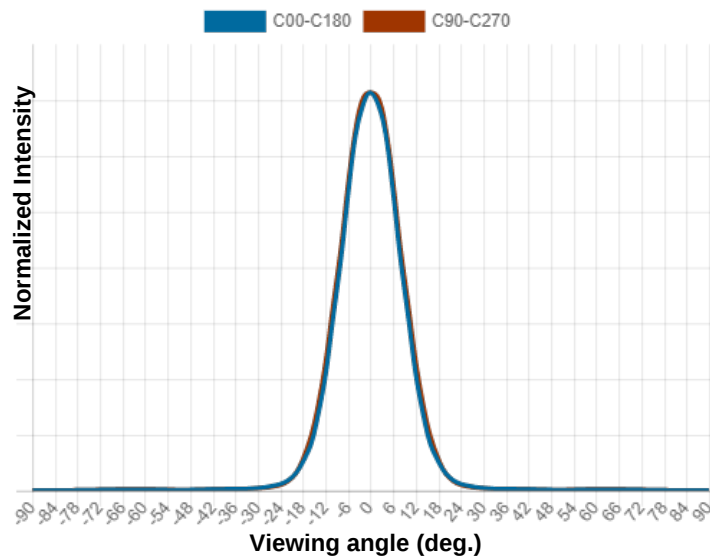
LLC05N7 with NICHIA NVNWS007Z_V1

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
18.5		33.7		7.1	



A length	B height	C foot
	15.6(mm)	32.0(mm)



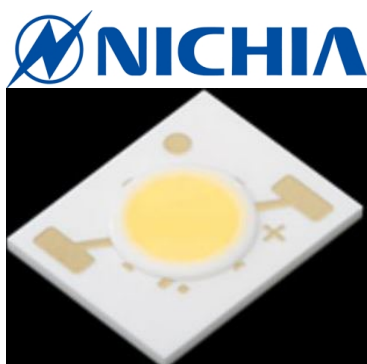
Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402

LDT file	IES file	2D Schematics	3D Schematics
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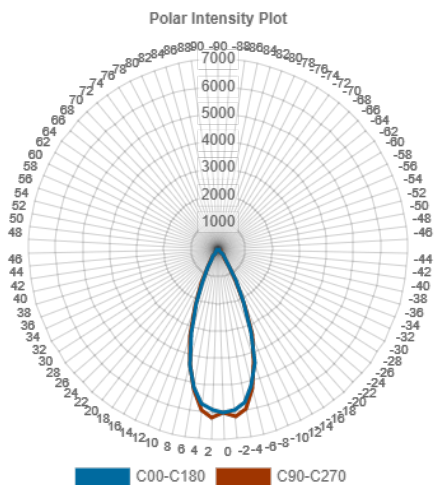
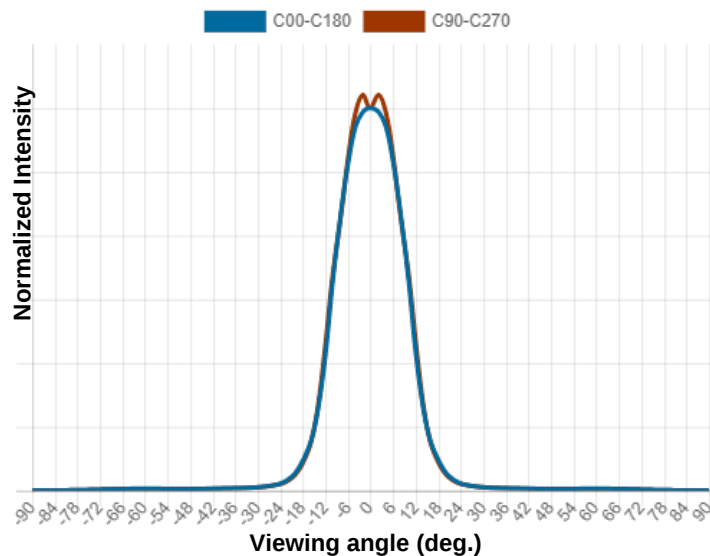
LLC05N7 with NICHIA NTCWT012B_V3

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
21.0		33.7		6.1	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics

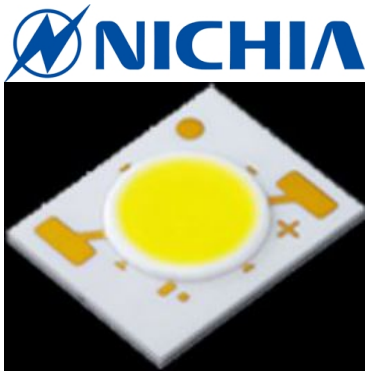


3D Schematics

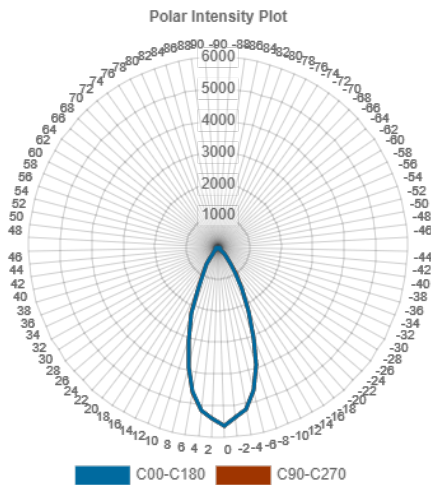
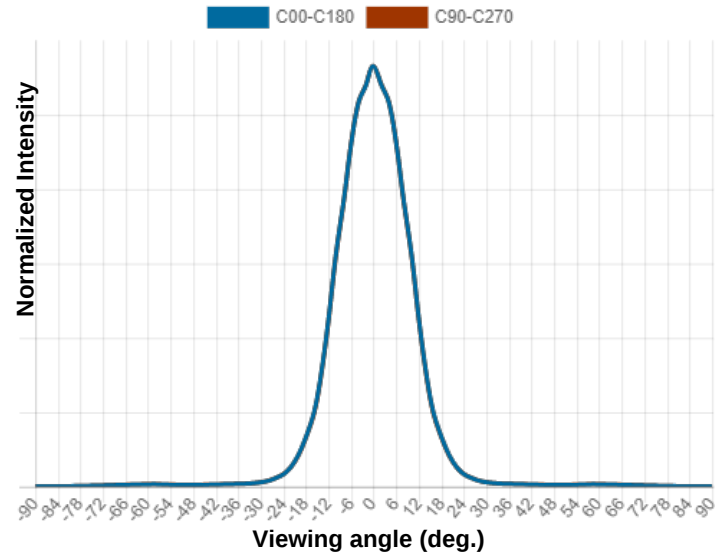
LLC05N7 with NICHIA NTCWS024B_V3

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
21.2		37.3		5.7	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

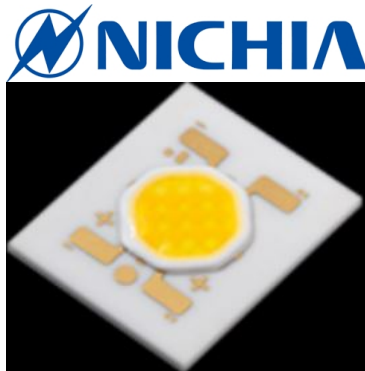


3D Schematics

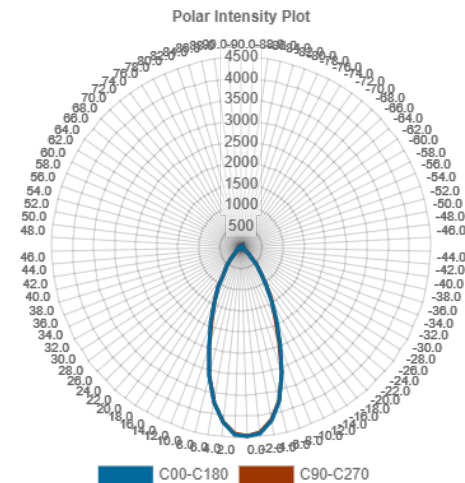
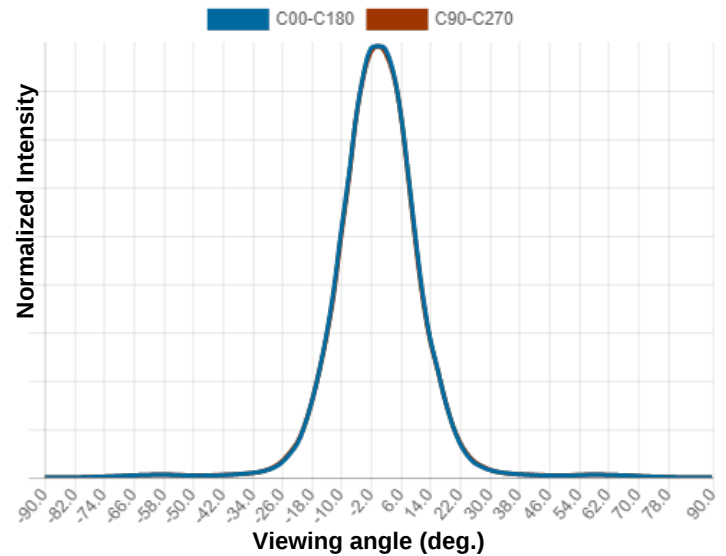
LLC05N7 with NICHIA NJCWL024Z_V1MT

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
21.6		41.9		4.5	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

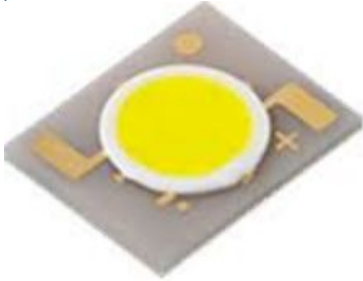


3D Schematics

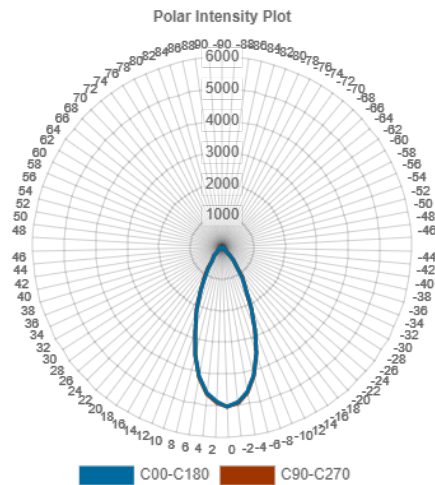
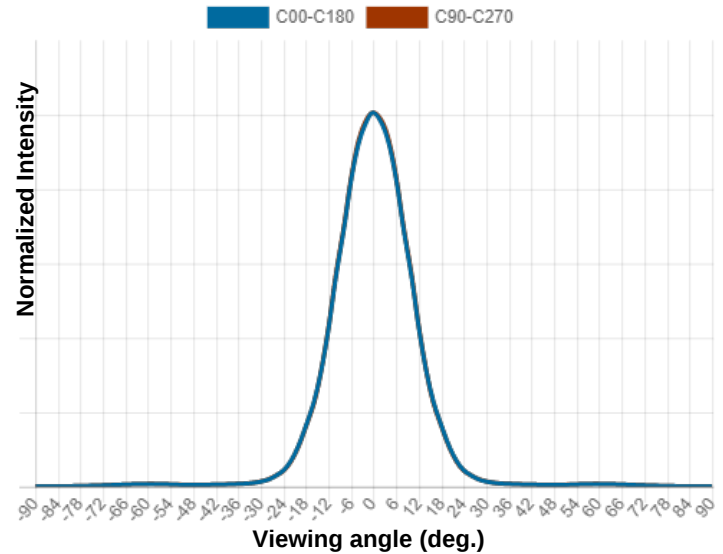
LLC05N7 with NICHIA NJCWS024Z_V1

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
21.7		40.5		5.0	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

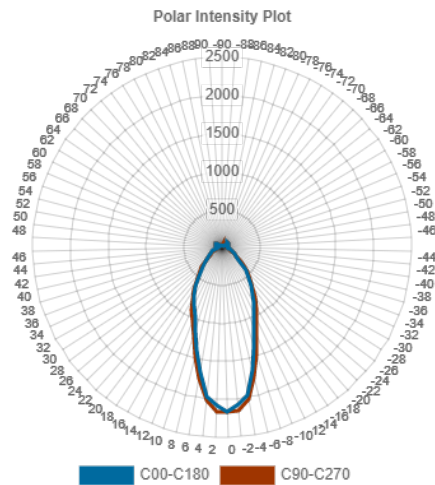
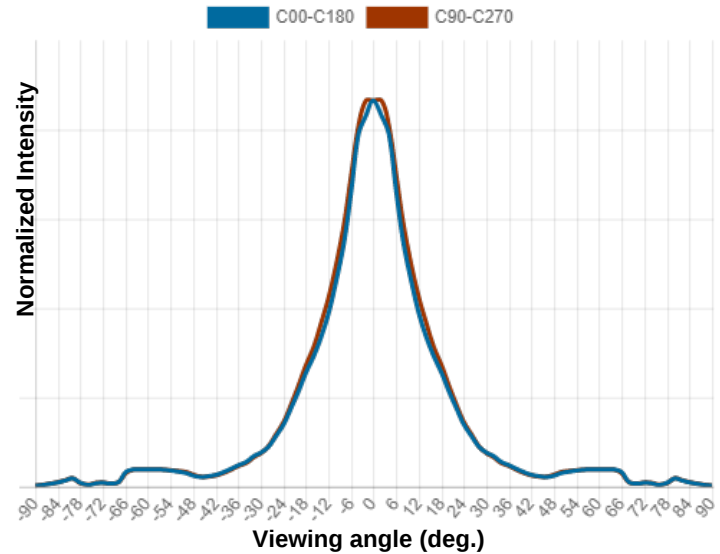
LLC05N7 with NICHIA NFCLL036B_V1

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
22.1		56.0		2.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics

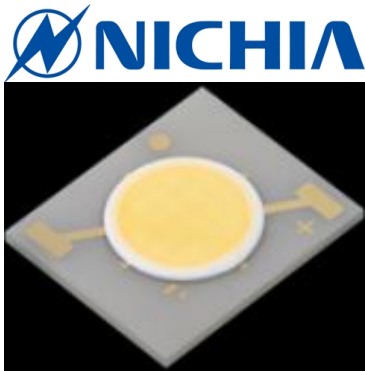


3D Schematics

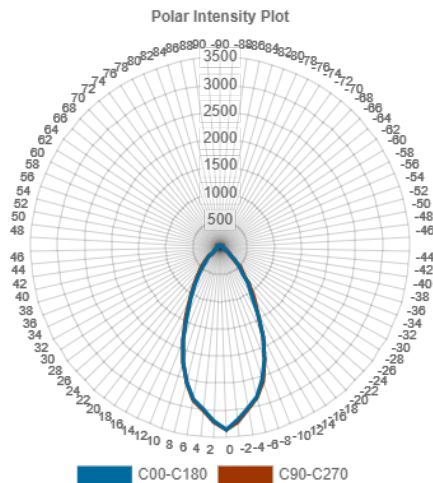
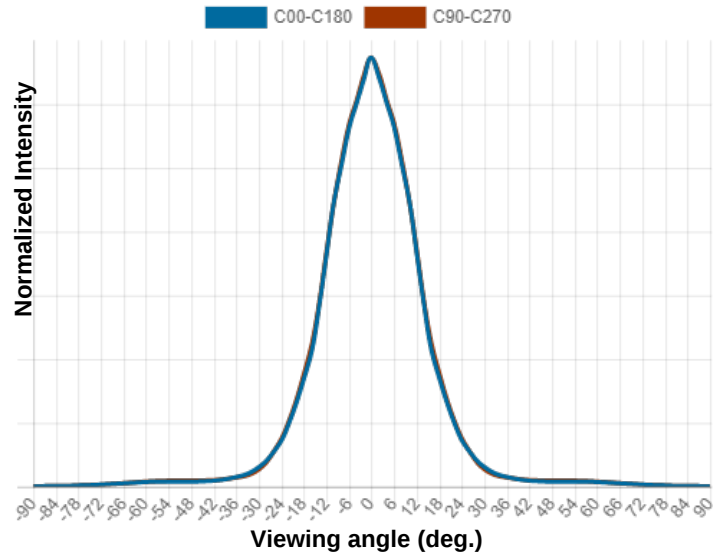
LLC05N7 with NICHIA NVEWL016Z_V1

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
25.4		49.3		3.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

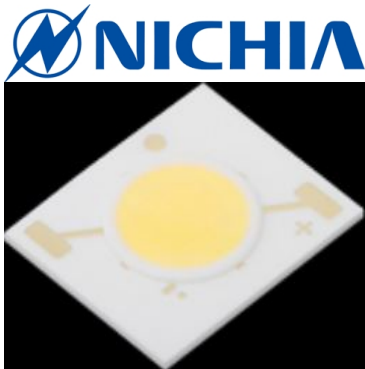


3D Schematics

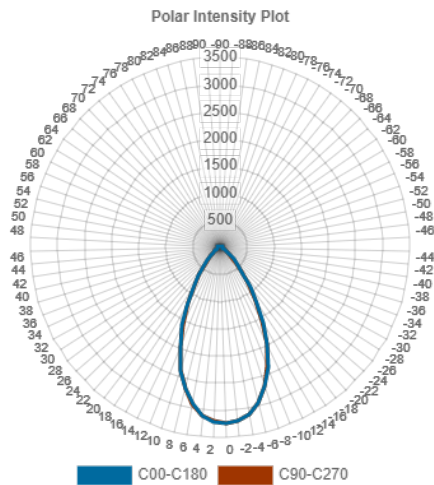
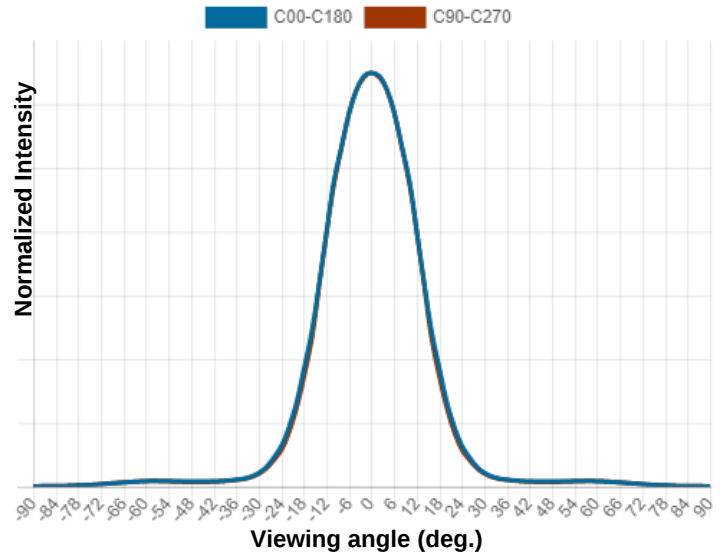
LLC05N7 with NICHIA NFCWL036B_V3

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
27.7		47.4		3.2	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics

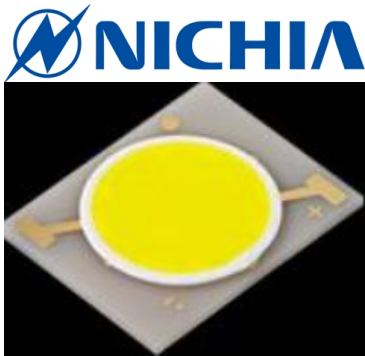


3D Schematics

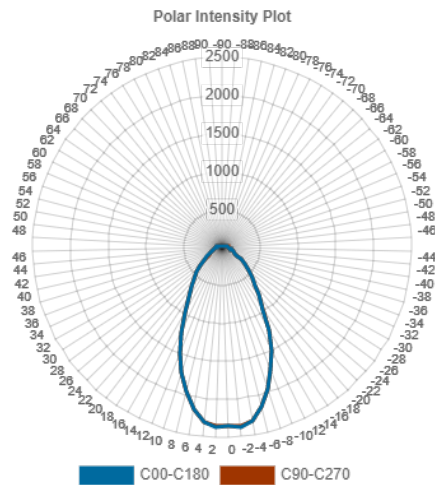
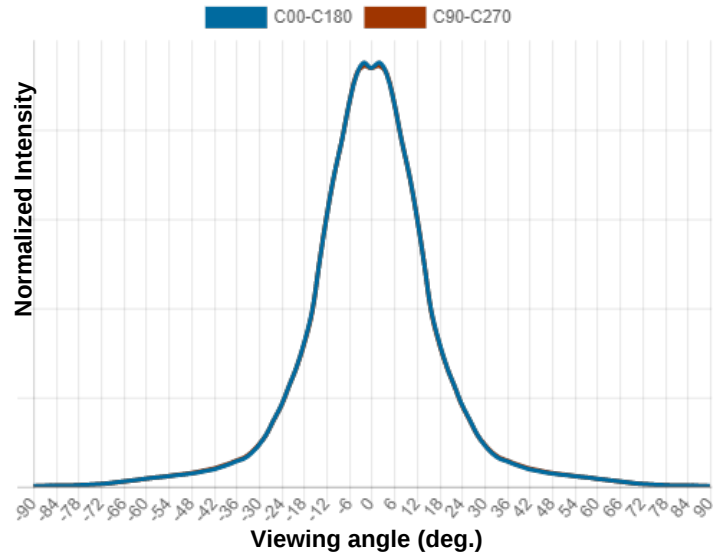
LLC05N7 with NICHIA NVCWL024Z_V1

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
29.0		59.7		2.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



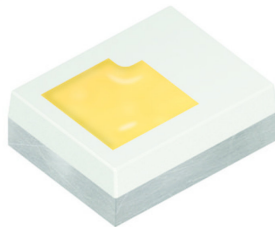
3D Schematics

LLC05N7 with OSRAM OSLOM COMPACT CM LUW CEUN.CE

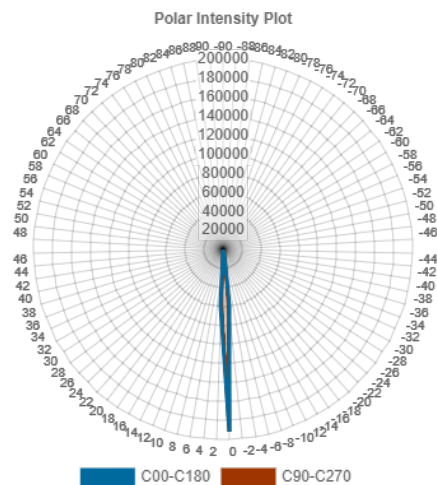
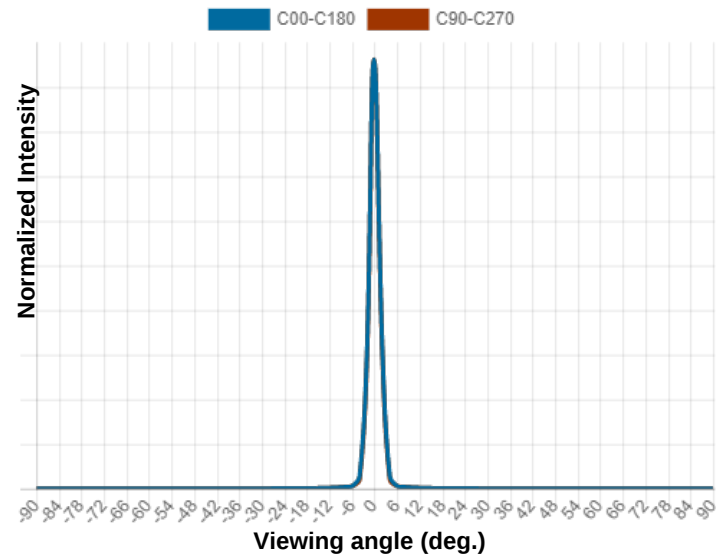
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
3.1		5.8		192.3	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



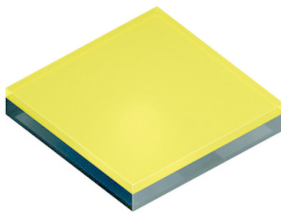
3D Schematics

LLC05N7 with OSRAM OSLO PURE 1010 GW VJLPE1 EM

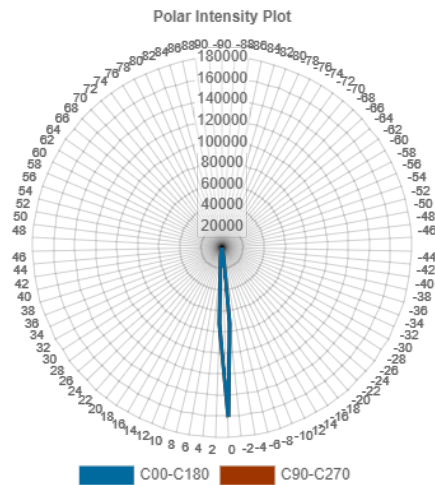
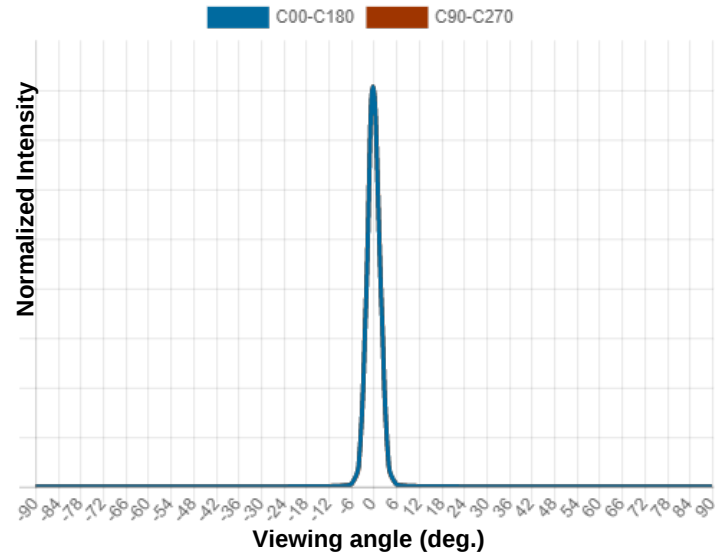
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
3.7		7.2		161.3	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02XAL02

LLH02RD102

LLH02MTB00

LLH02RD100

LLH02BAB00

LLH02BAB02

LLH02BBB00

LLH02BBB02

LLH02BCB00

LLH02BCB02



LDT file



IES file



2D Schematics



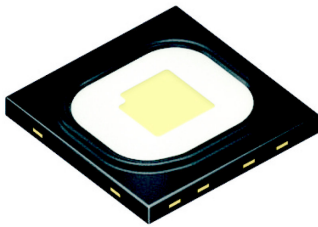
3D Schematics

LLC05N7 with OSRAM OSOLON BLACK FLAT LUW HWQP

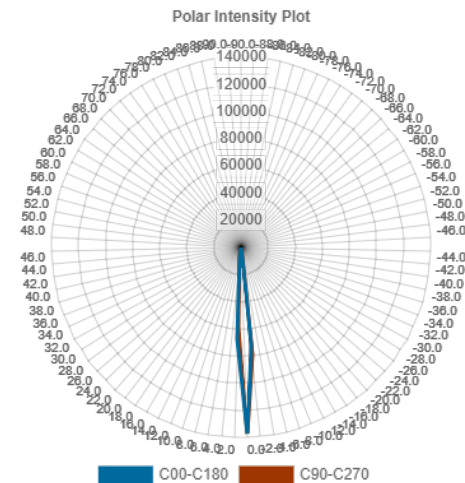
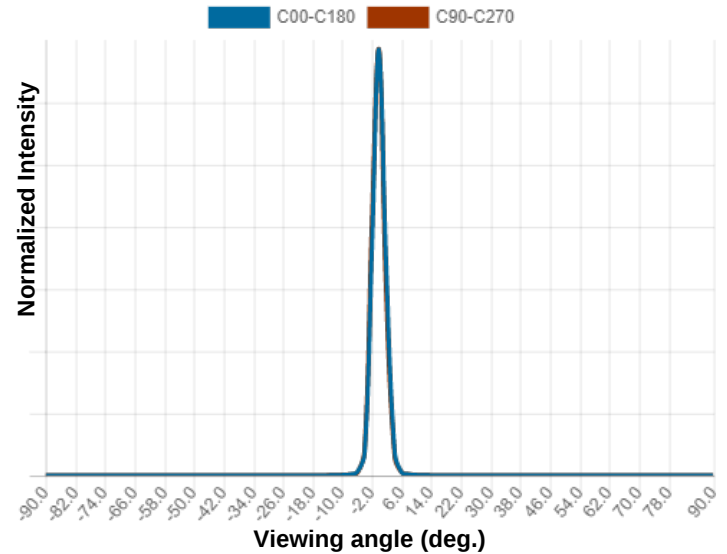
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
4.1		7.0		137.1	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with OSRAM OSLON SSL 80

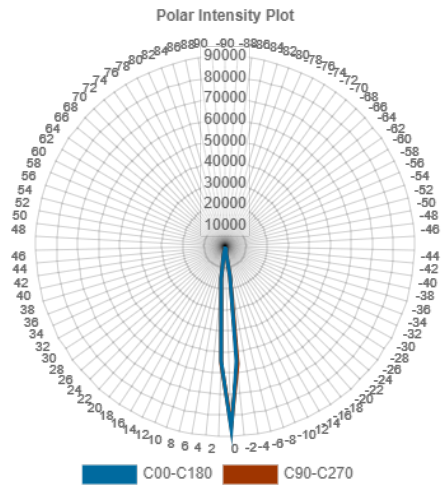
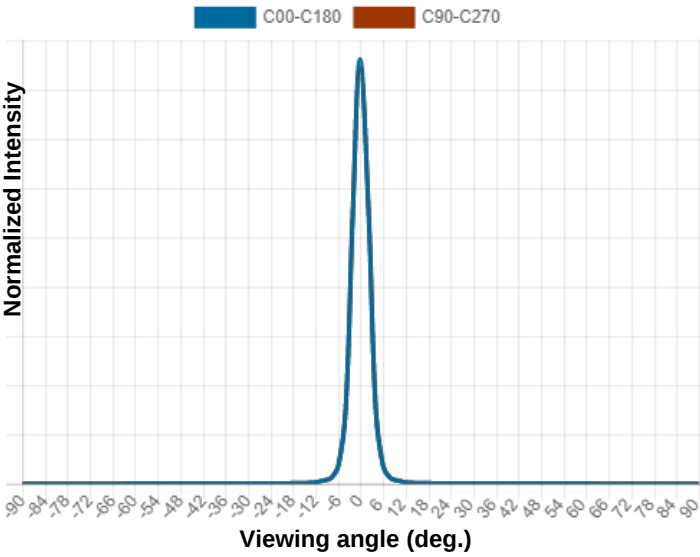
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
4.9		9.7		85.3	



Image not found or type unknown

A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories								
LLH02HEL00	LLS25N72HEL00	LLH02MTB00	LLH02RD100	LLH02BAB00	LLH02BAB02	LLH02BBB00	LLH02BBB02	LLH02BCB00



LDT file



IES file



2D Schematics

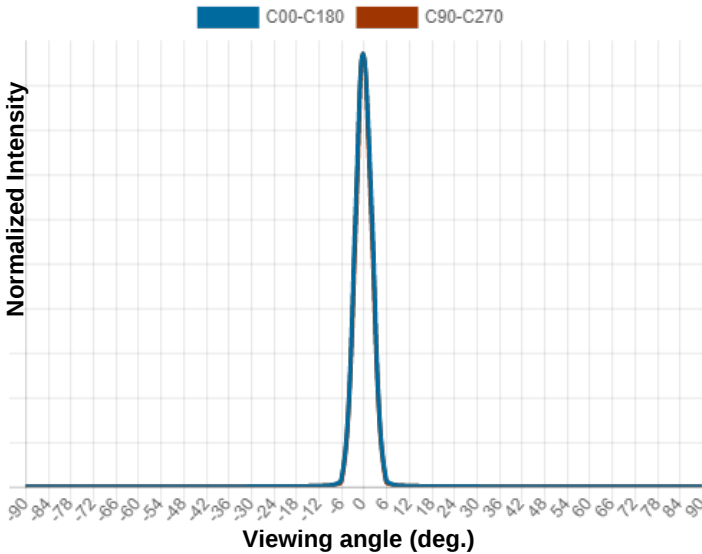


3D Schematics

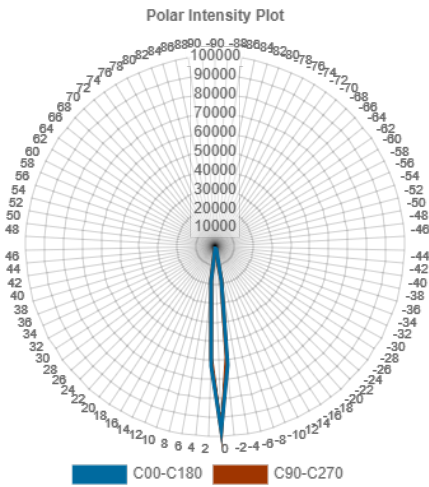
LLC05N7 with OSRAM OSLON COMPACT CL LUW CEUP

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
4.9		9.3		97.0	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00	LLS25N72HEL00	LLH02MTB00	LLH02RD100	LLH02BAB00	LLH02BAB02	LLH02BBB00	LLH02BBB02	LLH02BCB00
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LDT file



IES file



2D Schematics



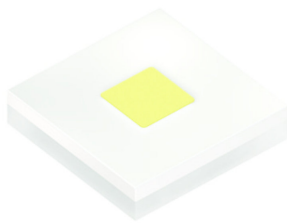
3D Schematics

LLC05N7 with OSRAM OSTAR PROJECTION COMPACT KW CSLNM1.TG

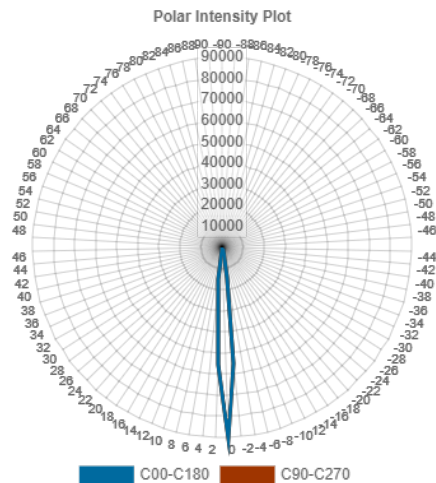
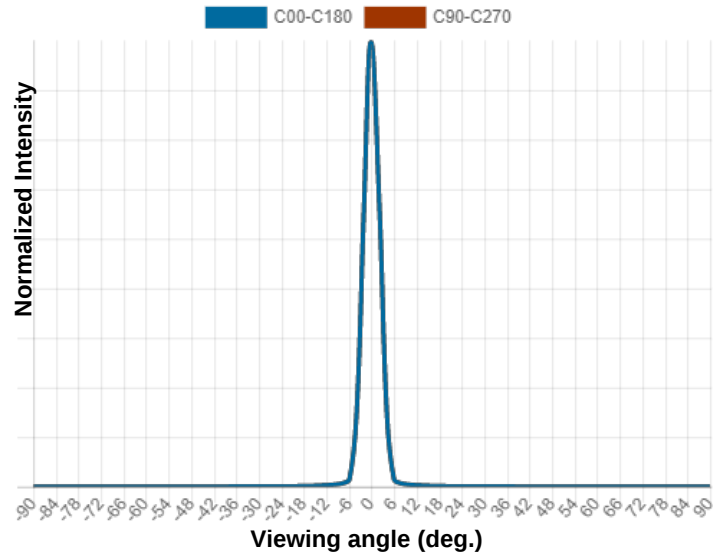
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
5.0		9.1		89.9	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



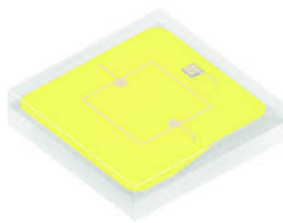
3D Schematics

LLC05N7 with OSRAM OSLOM SQUARE FLAT KW CSLPM2.PC

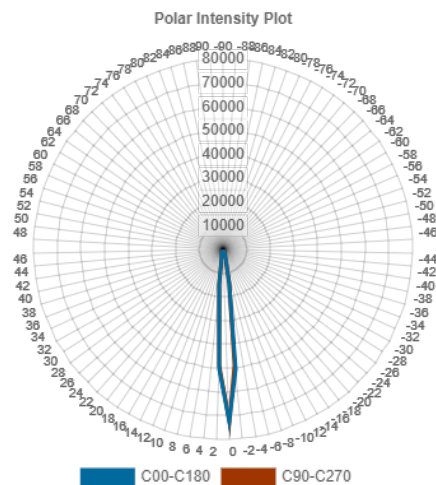
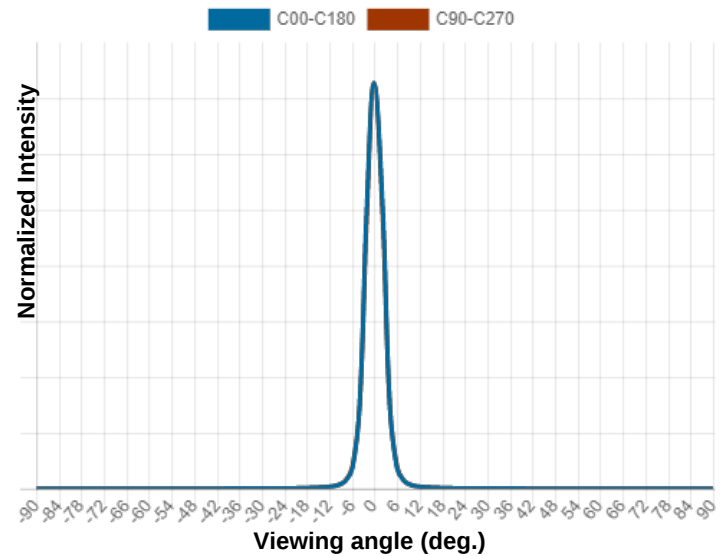
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
5.3		10.0		72.7	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with OSRAM OSOLON SSL 150

Measured results

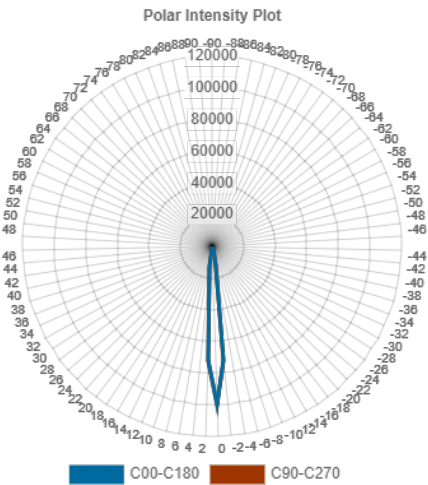
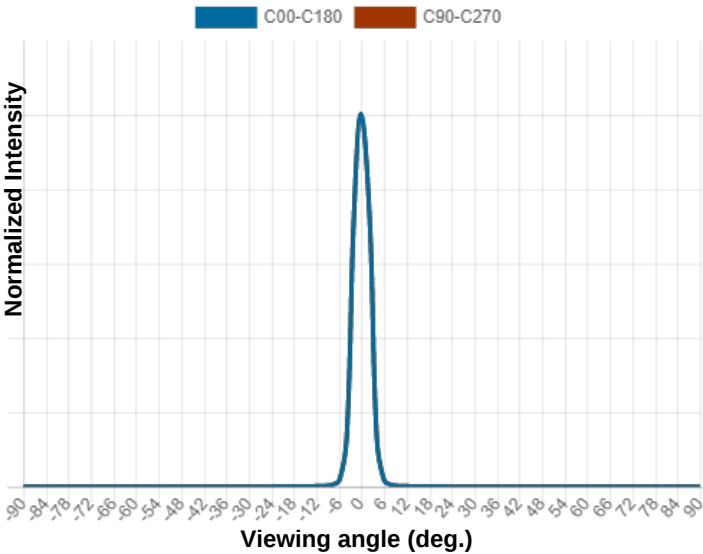
Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
5.4		8.4		100.3	

OSRAM

Opto Semiconductors
OSOLON SSL 150

Image not found or type unknown

A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00	LLS25N72HEL00	LLH02MTB00	LLH02RD100	LLH02BAB00	LLH02BAB02	LLH02BBB00	LLH02BBB02	LLH02BCB00
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LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with OSRAM OSLO Boost HX KW CULPM1.TG

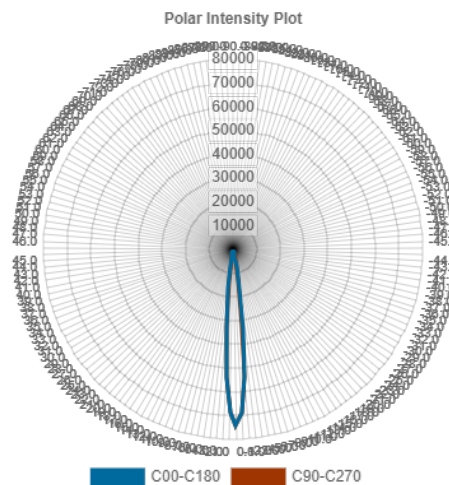
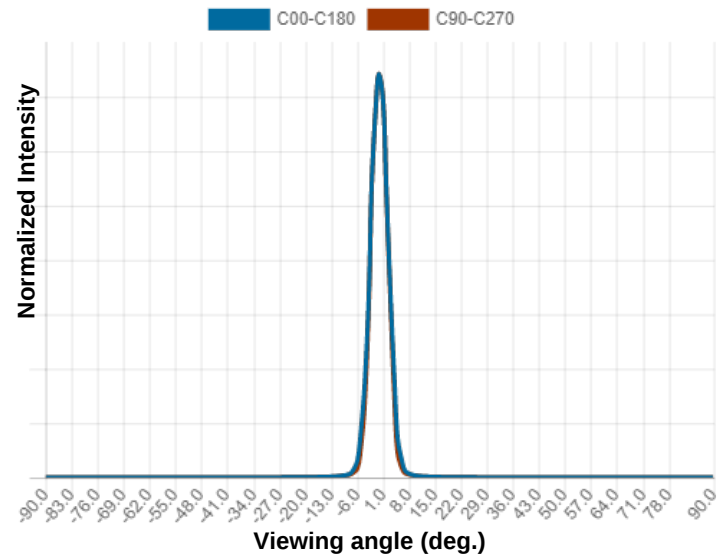
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
5.6		9.5		74.2	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with OSRAM OSCONIQ C 2424 GW PLLRA1.EM

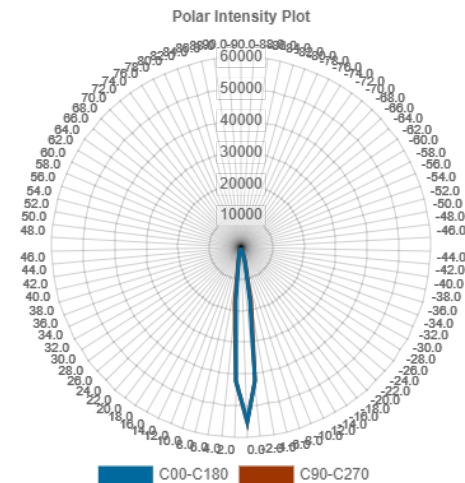
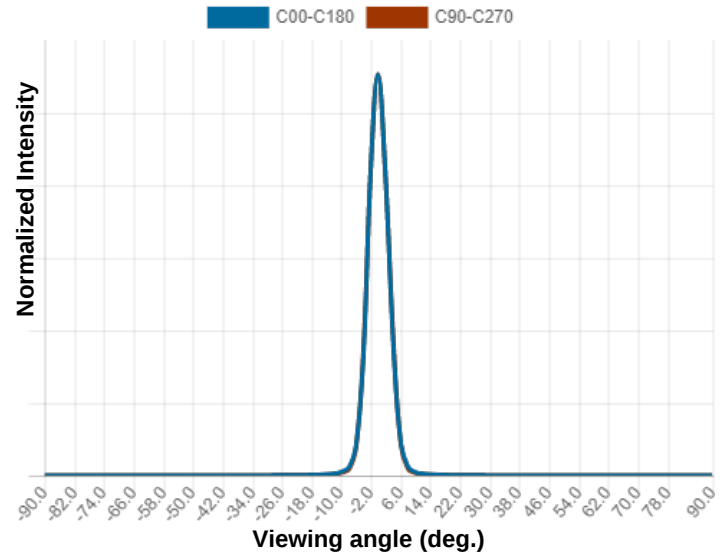
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
6.1		11.5		55.3	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



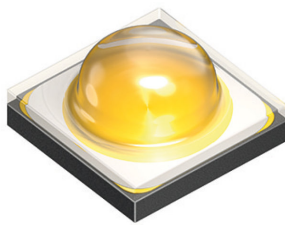
3D Schematics

LLC05N7 with OSRAM OSLO SQUARE GW CSSRM1.EC

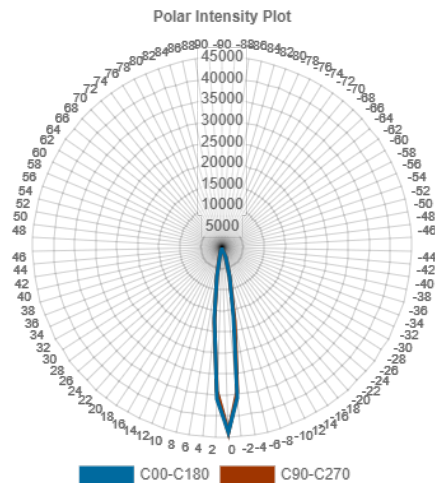
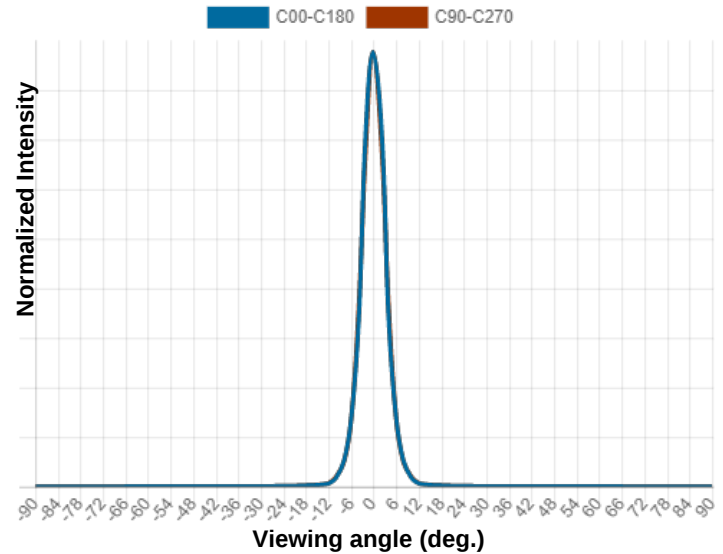
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
6.9		13.9		43.8	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



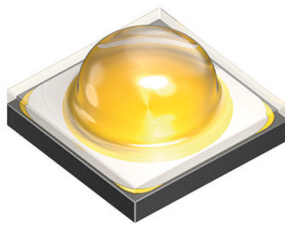
3D Schematics

LLC05N7 with OSRAM OSLOM SQUARE GW CSSRM1.PC

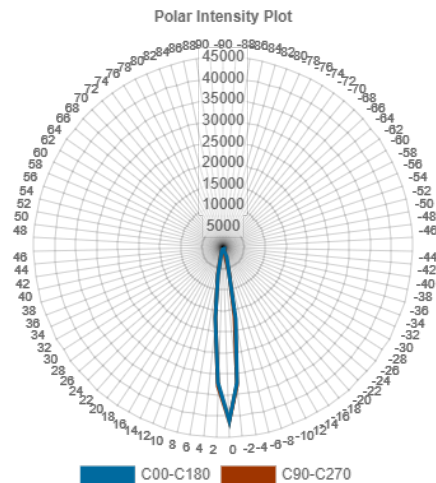
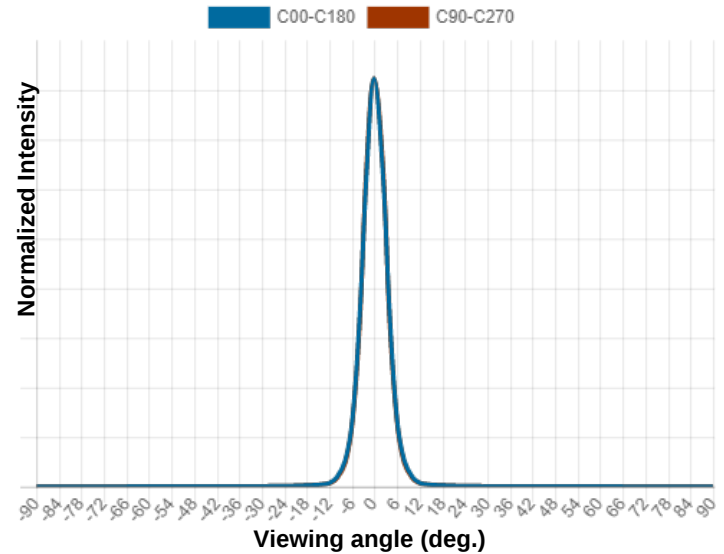
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.0		14.0		41.2	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



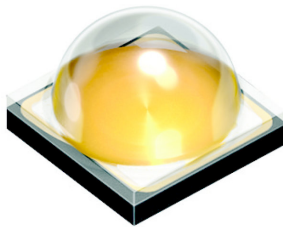
3D Schematics

LLC05N7 with OSRAM OSLON SQUARE LCW CQAR

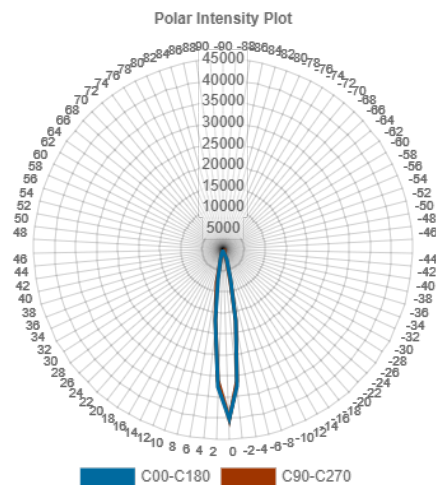
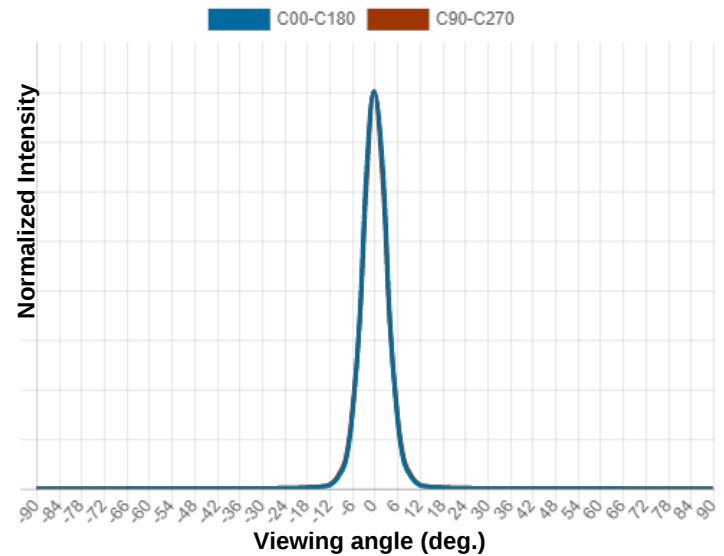
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.0		14.4		40.1	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with OSRAM OSCONIQ P3737 GW PUSRA1.EM

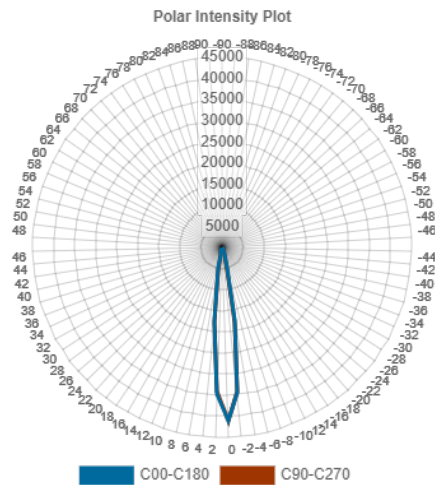
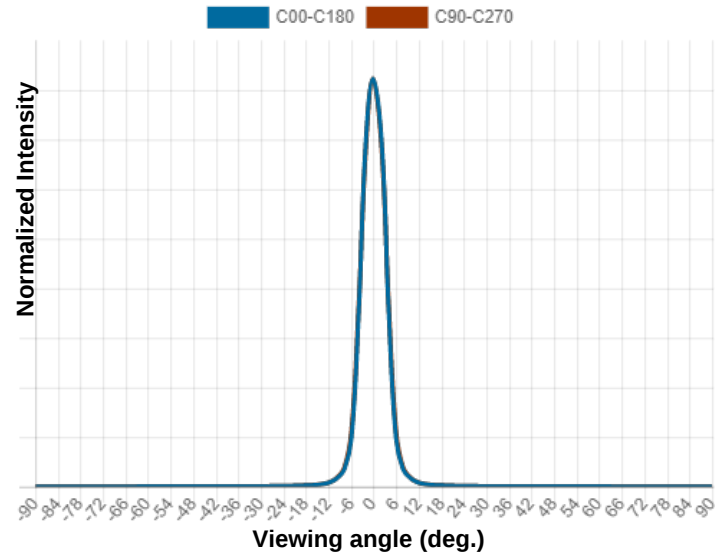
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.4		12.8		41.1	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



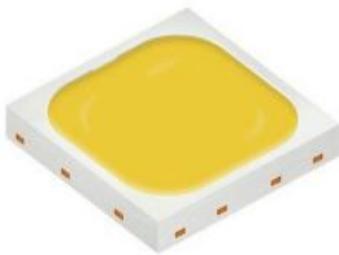
3D Schematics

LLC05N7 with OSRAM OSCONIQ P3737 GW PULTA1.CM

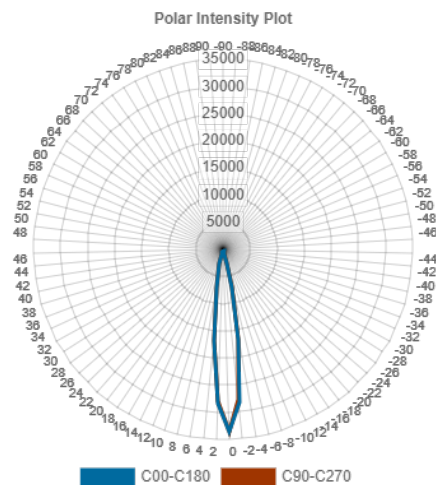
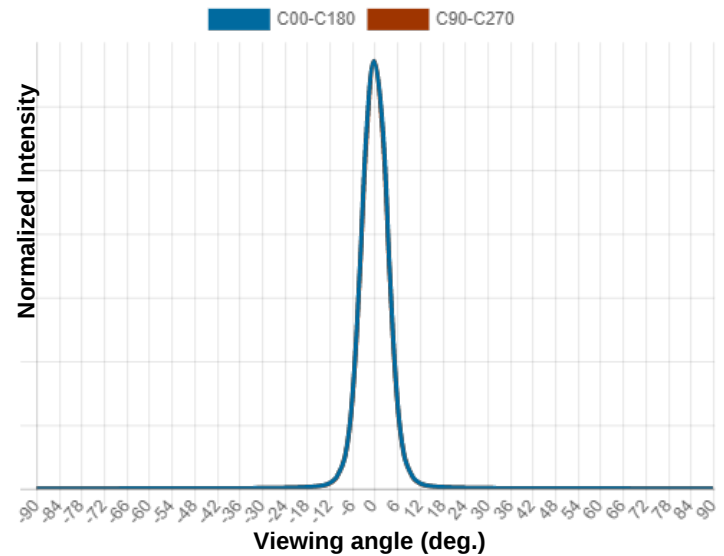
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.0		15.1		33.5	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



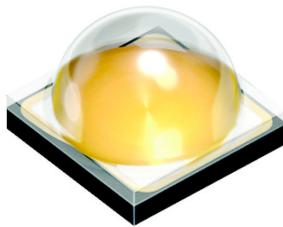
3D Schematics

LLC05N7 with OSRAM OSLO SQUARE GW CSSRM2.PM

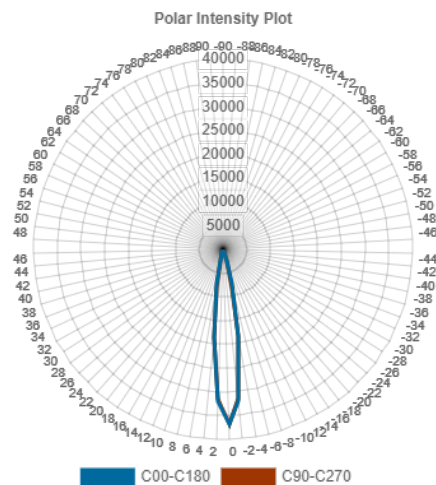
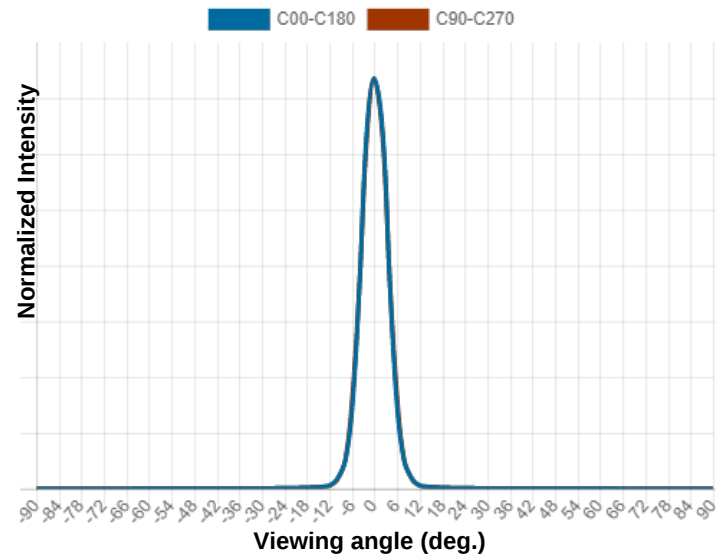
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.0		14.7		36.8	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



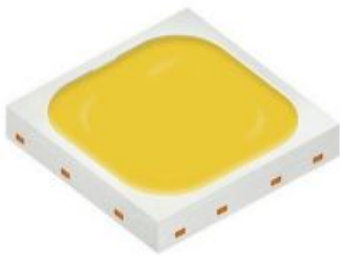
3D Schematics

LLC05N7 with OSRAM OSCONIQ P 3737 GW PULTA1.CM

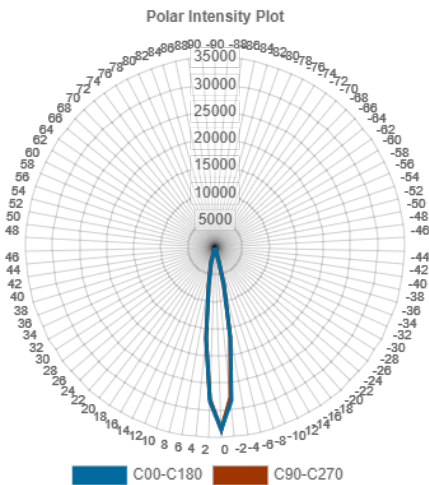
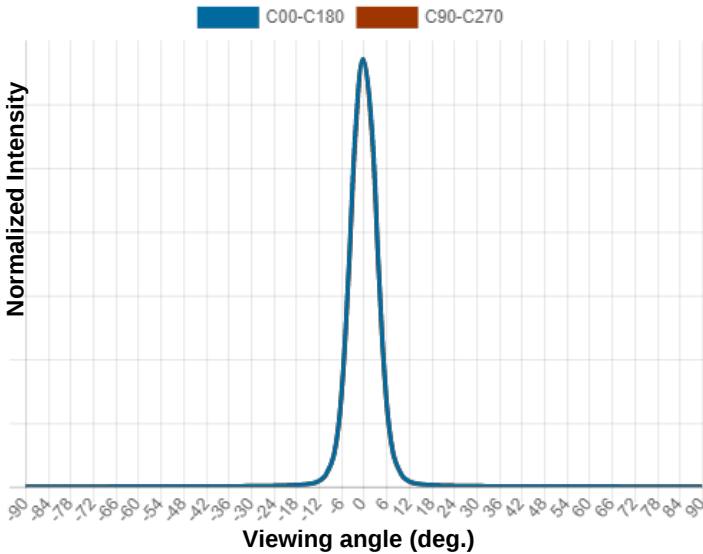
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.0		15.1		33.5	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



LDT file



IES file



2D Schematics

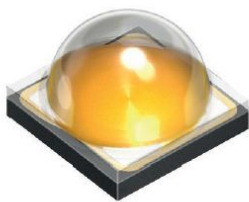


3D Schematics

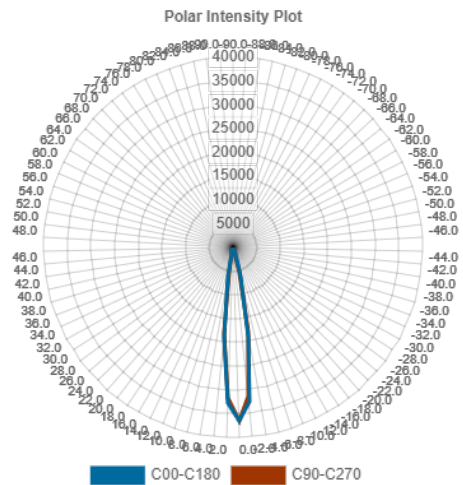
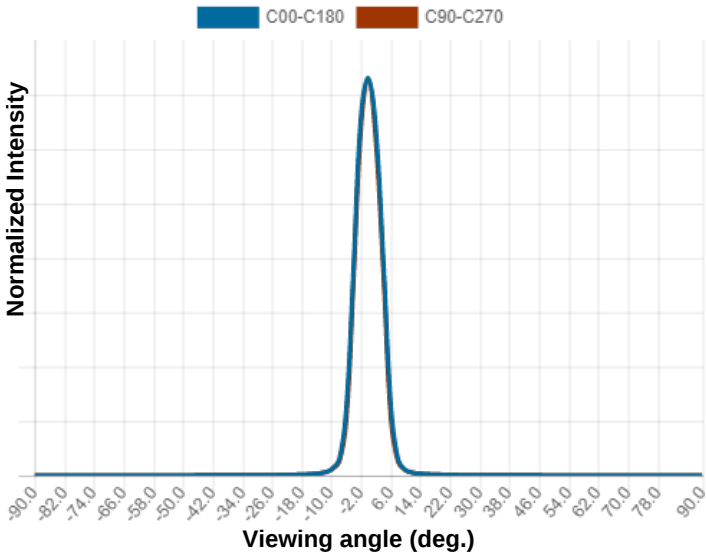
LLC05N7 with OSRAM OSLO SQUARE GW CSSRMU.CM

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.1		13.4		36.5	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00	LLS25N72HEL00	LLH02MTB00	LLH02RD100	LLH02BAB00	LLH02BAB02	LLH02BBB00	LLH02BBB02	LLH02BCB00
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LDT file



IES file



2D Schematics



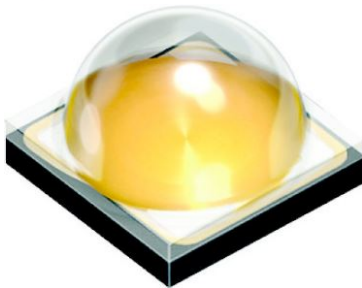
3D Schematics

LLC05N7 with OSRAM OSLOM SQUARE GW CSSRM3.PM

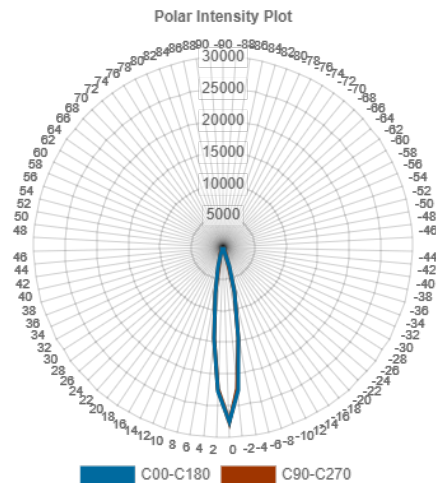
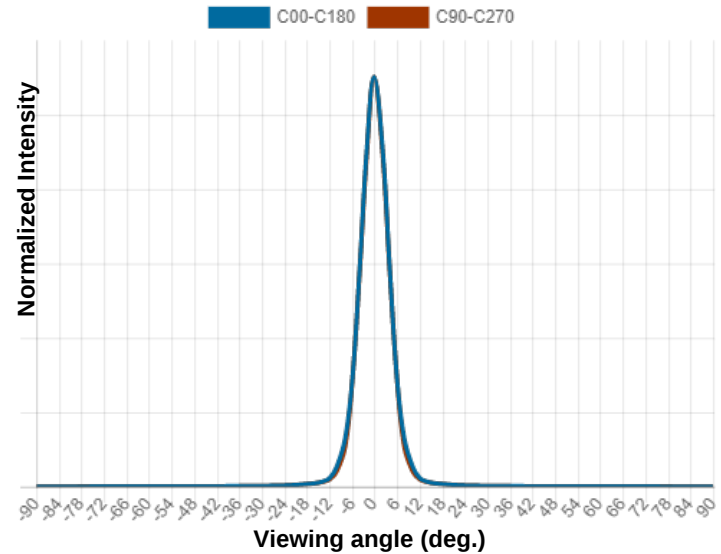
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
8.4		16.3		27.6	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with OSRAM OSCONIQ P3737 GW PUSTA1.PM

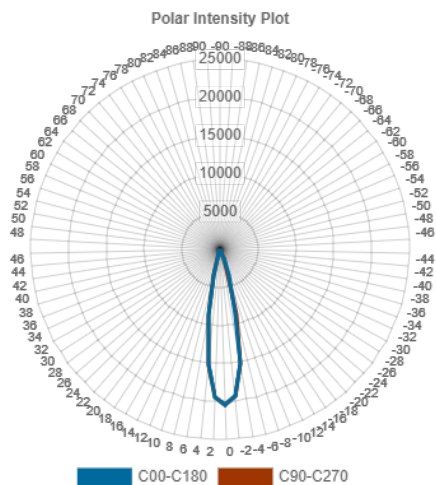
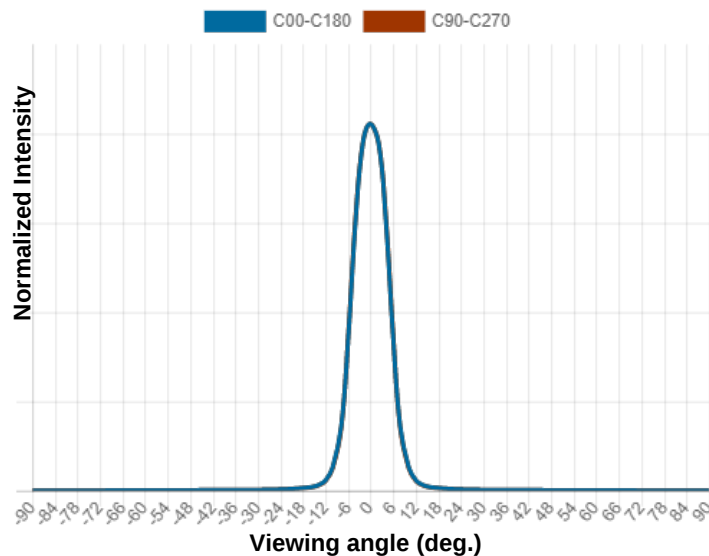
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
11.1		18.1		20.5	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



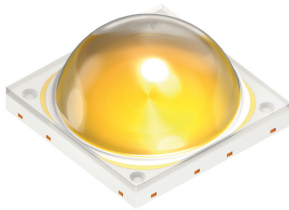
3D Schematics

LLC05N7 with OSRAM DURIS P10

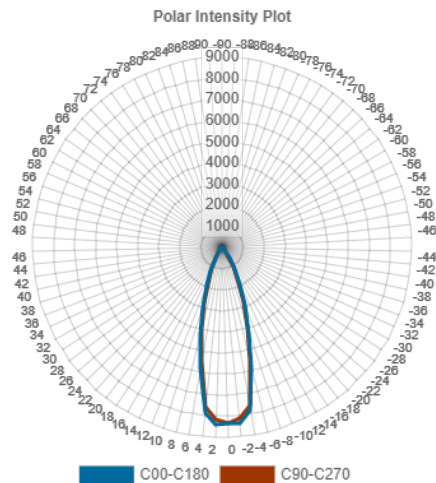
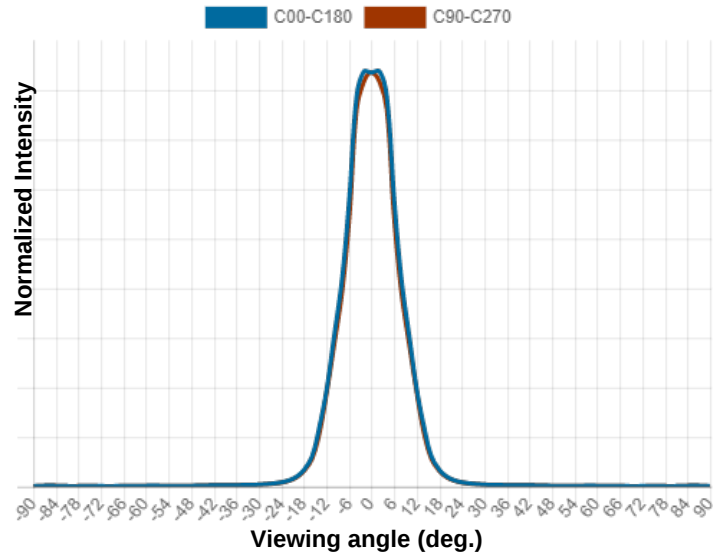
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
15.7		29.8		8.4	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with OSRAM DURIS S8 P9LT32.PM

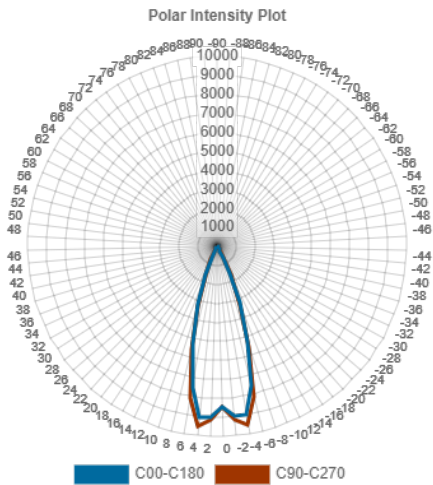
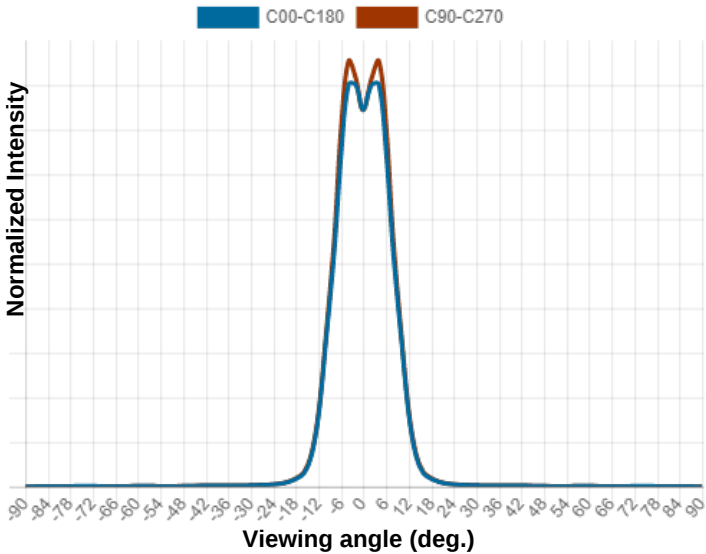
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
17.3		26.5		9.4	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLS05N72AAB00

LLS05N72HEL001



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with OSRAM DURIS S10

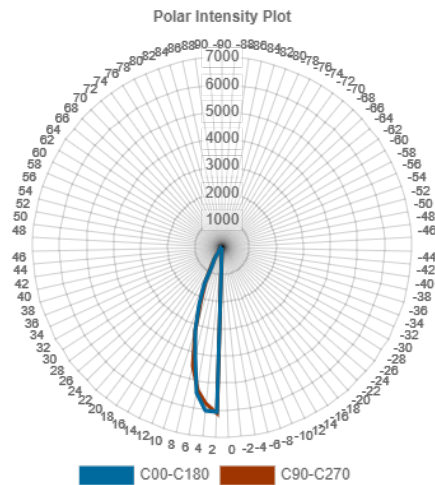
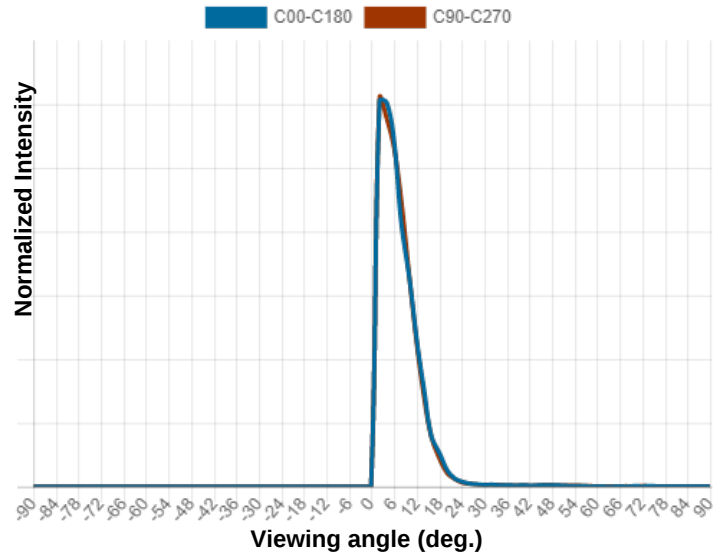
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
19.4		33.4		6.8	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLS05N72AAB00

LLS05N72HEL001



LDT file



IES file



2D Schematics



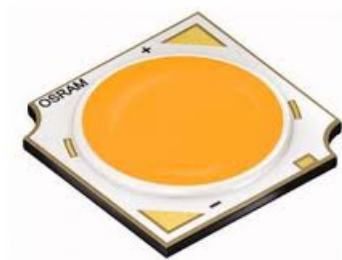
3D Schematics

LLC05N7 with OSRAM SOLERIQ S9

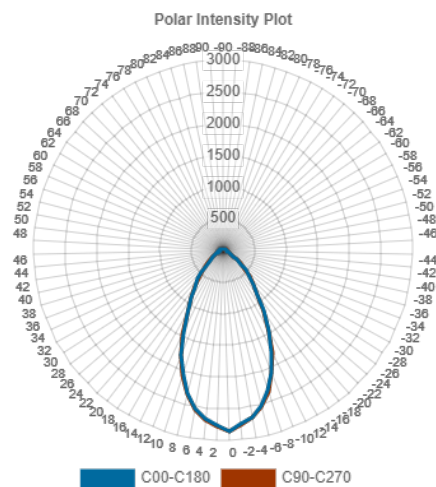
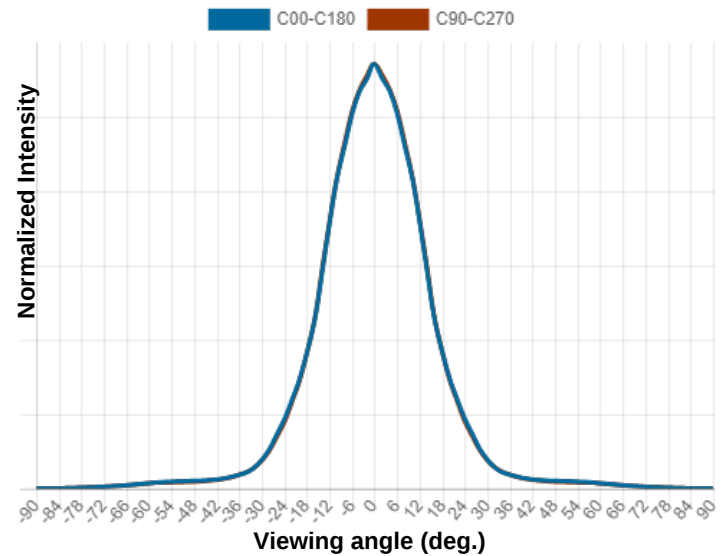
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
28.5		54.6		2.9	

OSRAM
Opto Semiconductors



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

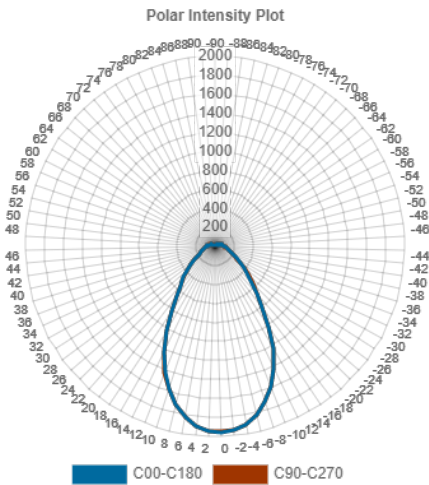
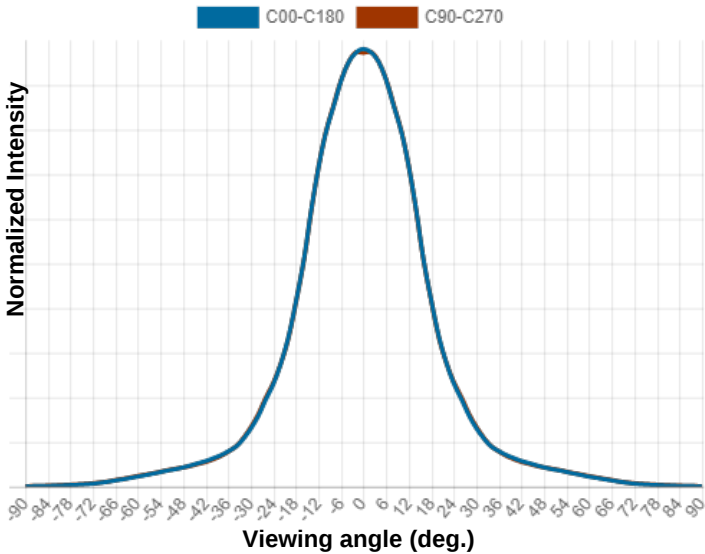
LLC05N7 with OSRAM SOLERIQ S13

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
32.8		66.1		2.0	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

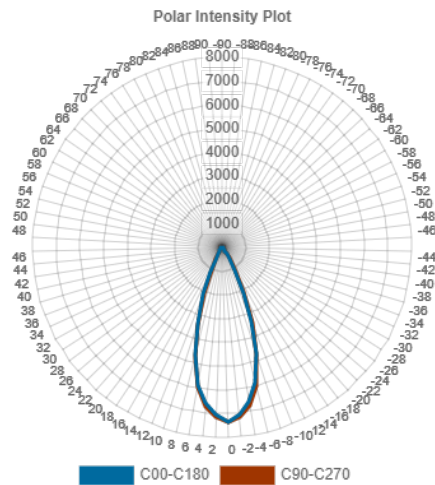
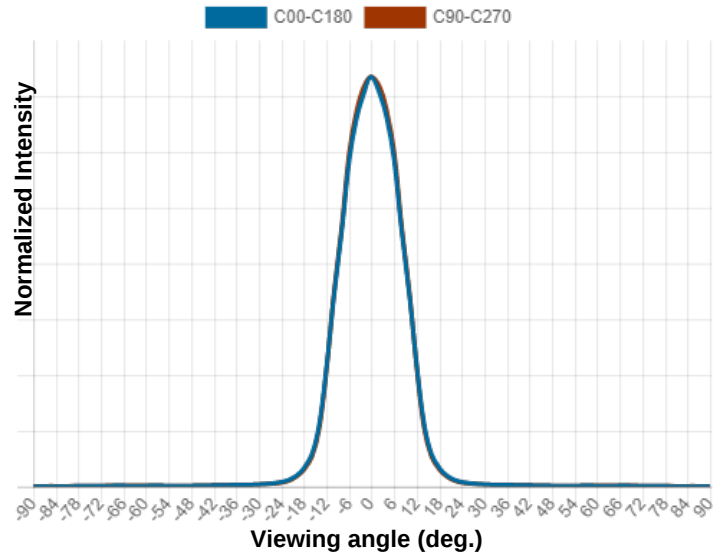
LLC05N7 with PLESSEY PLW7070GA

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
19.1		30.2		7.4	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



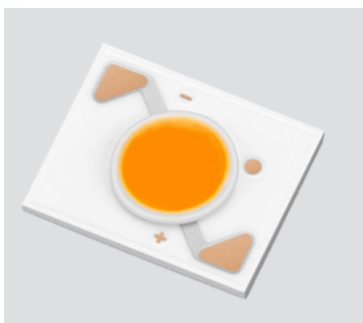
3D Schematics

LLC05N7 with SAMSUNG LC010CV2

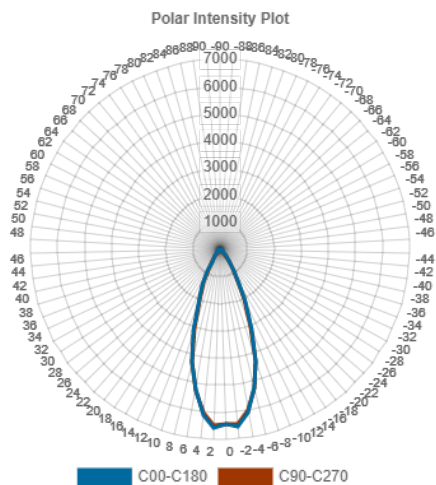
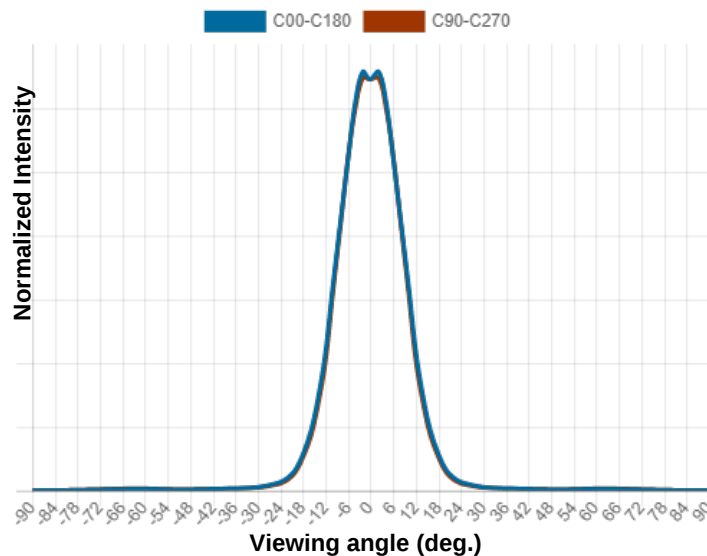
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
18.6		34.7		6.8	

SAMSUNG



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics

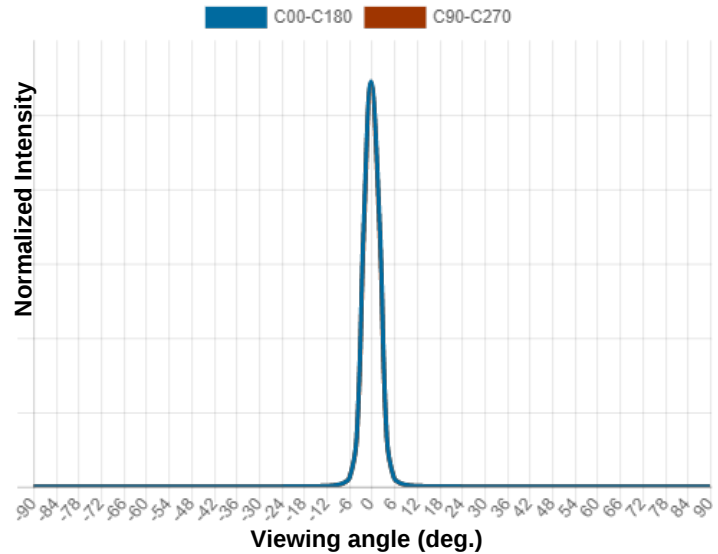


3D Schematics

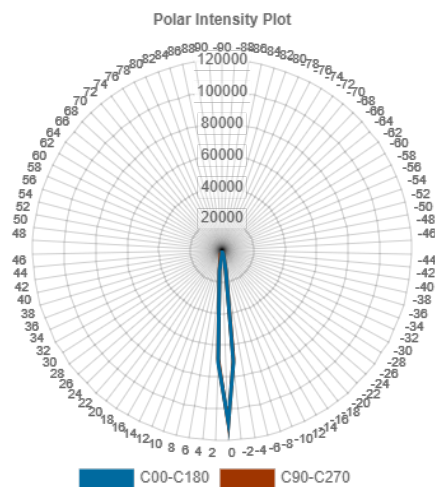
LLC05N7 with SEOUL Z5

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
5.0		8.2		108.7	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics



3D Schematics

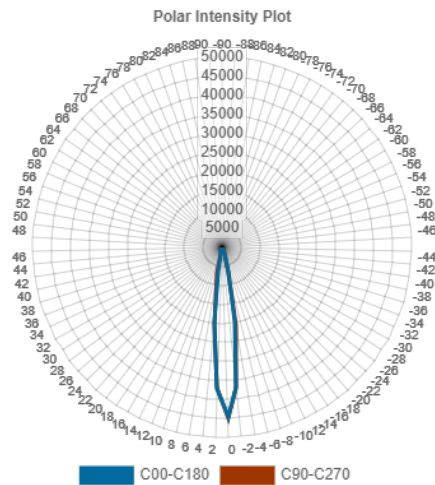
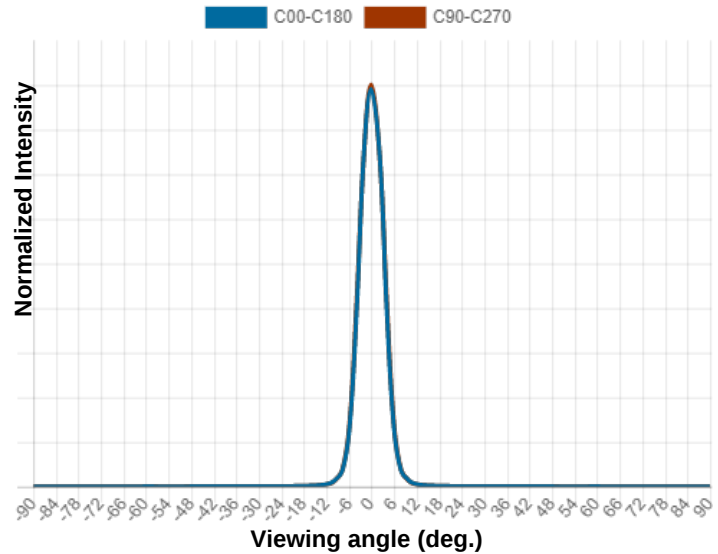
LLC05N7 with SEOUL Z5_M1

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
7.4		13.1		44.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

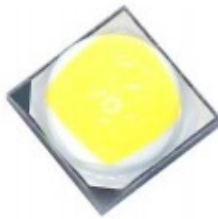


3D Schematics

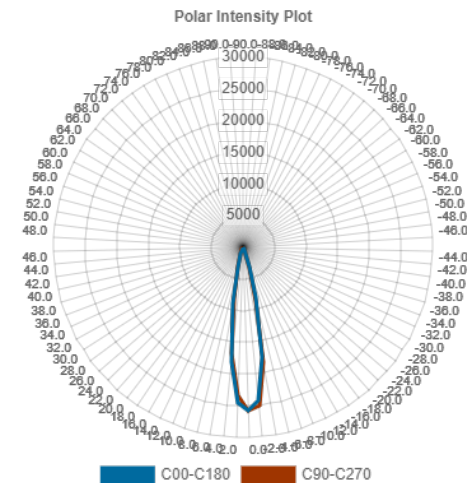
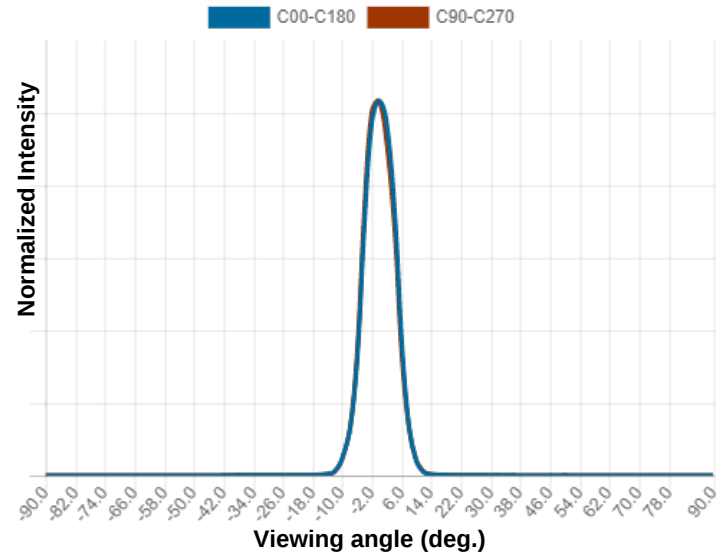
LLC05N7 with SEOUL Z5M4

Simulated results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
9.9		17.0		25.9	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02HEL00 LLS25N72HEL00 LLH02MTB00 LLH02RD100 LLH02BAB00 LLH02BAB02 LLH02BBB00 LLH02BBB02 LLH02BCB00



LDT file



IES file



2D Schematics

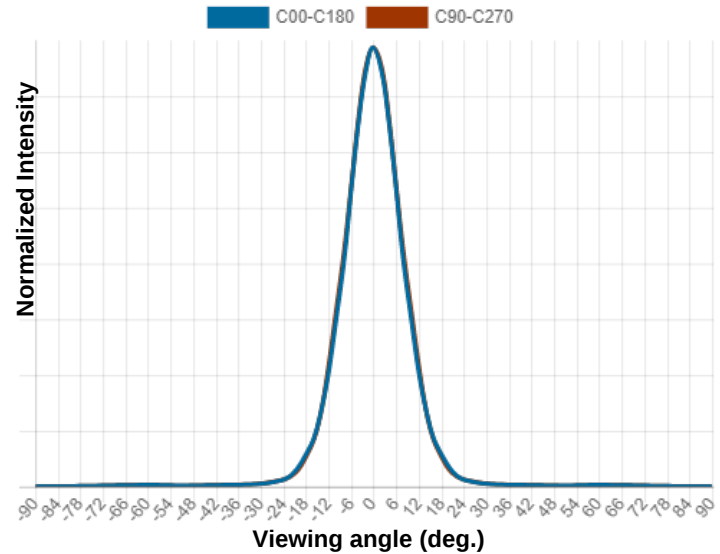
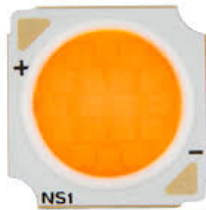


3D Schematics

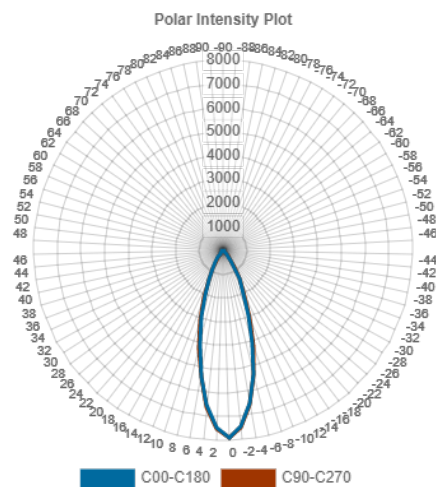
LLC05N7 with SEOUL SAWS0661A

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
16.7		32.7		7.9	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories			
LLH02CB100	LLH02CB102	LLH02CB400	LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

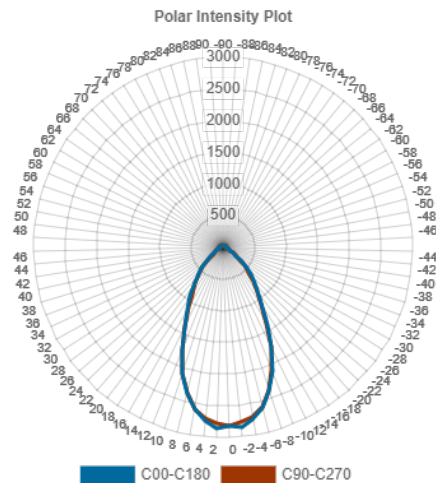
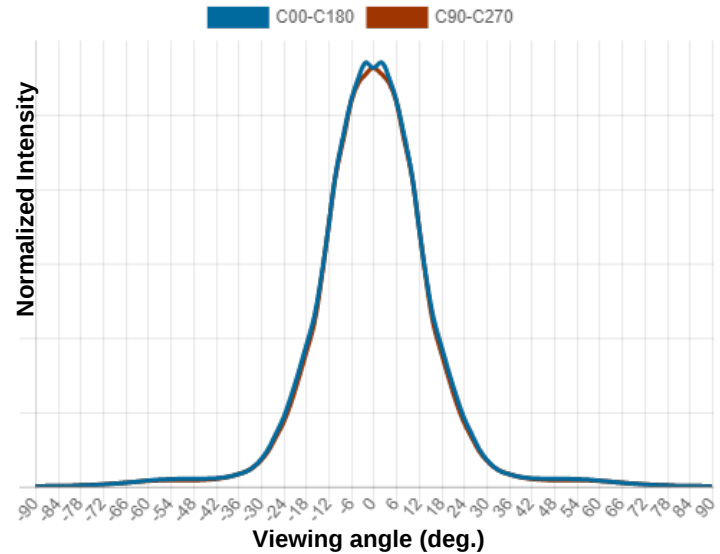
LLC05N7 with SEOUL SAWS1063A

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
27.8		54.0		2.8	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

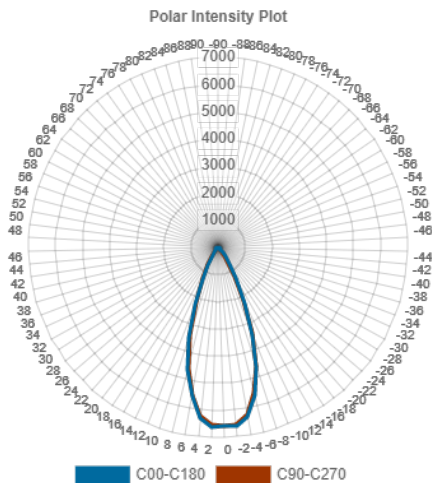
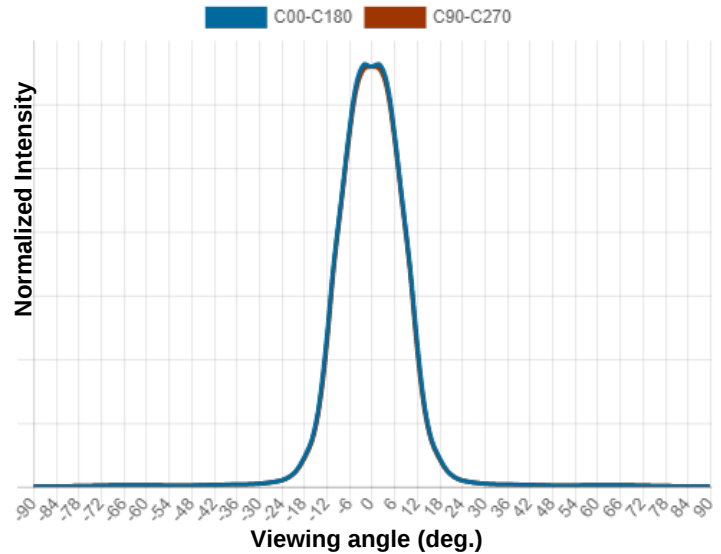
LLC05N7 with XICATO XOB06

Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
20.4		32.6		6.6	



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



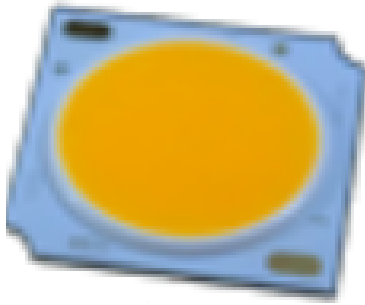
3D Schematics

LLC05N7 with XICATO XOB 9

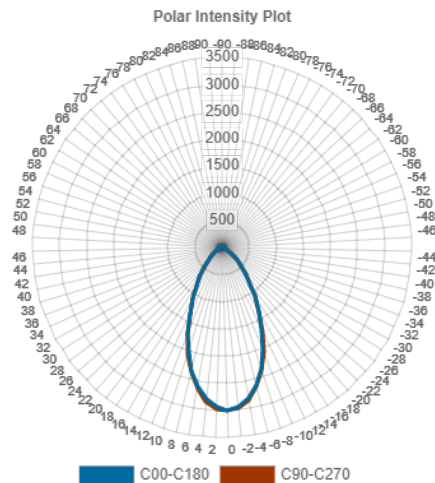
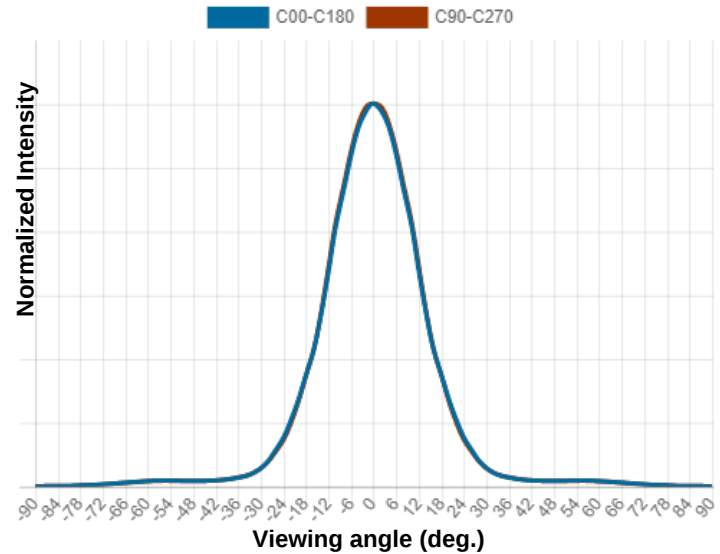
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
26.2		50.9		3.0	

XICATO®



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



IES file



2D Schematics



3D Schematics

LLC05N7 with XICATO XTM & XIM 9MM

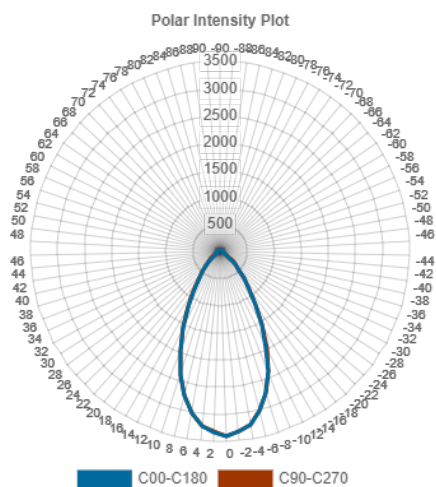
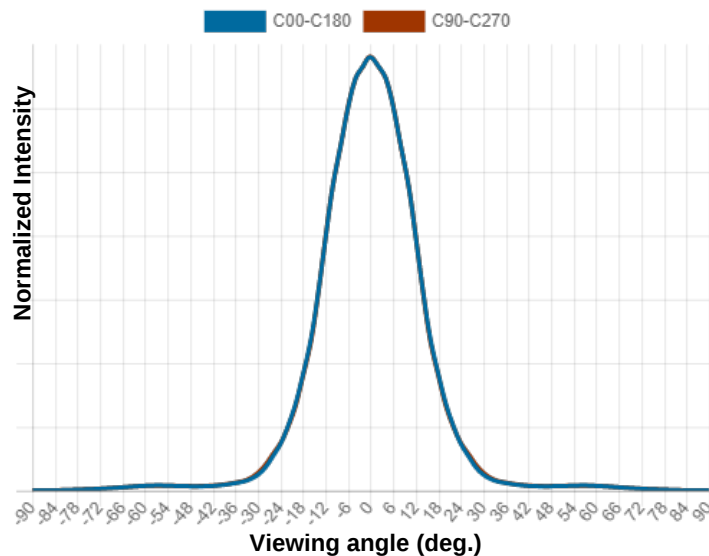
Measured results

Beam angle @50% (Deg.) Major axis or Narrow Pos.	Beam angle @50% (Deg.) Major axis or Wide Pos.	Beam angle @10% (Deg.) Major axis or Narrow Pos.	Beam angle @10% (Deg.) Major axis or Wide Pos.	Efficacy (cd/lm) Major axis or Narrow Pos.	Efficacy (cd/lm) Minor axis or Wide Pos.
26.5		49.2		3.4	

XICATO®



A length	B height	C foot
	15.6(mm)	32.0(mm)



Accessories

LLH02CB100

LLH02CB102

LLH02CB400

LLH02CB402



LDT file



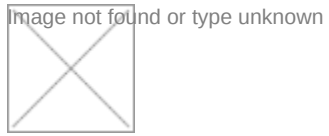
IES file



2D Schematics



3D Schematics



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