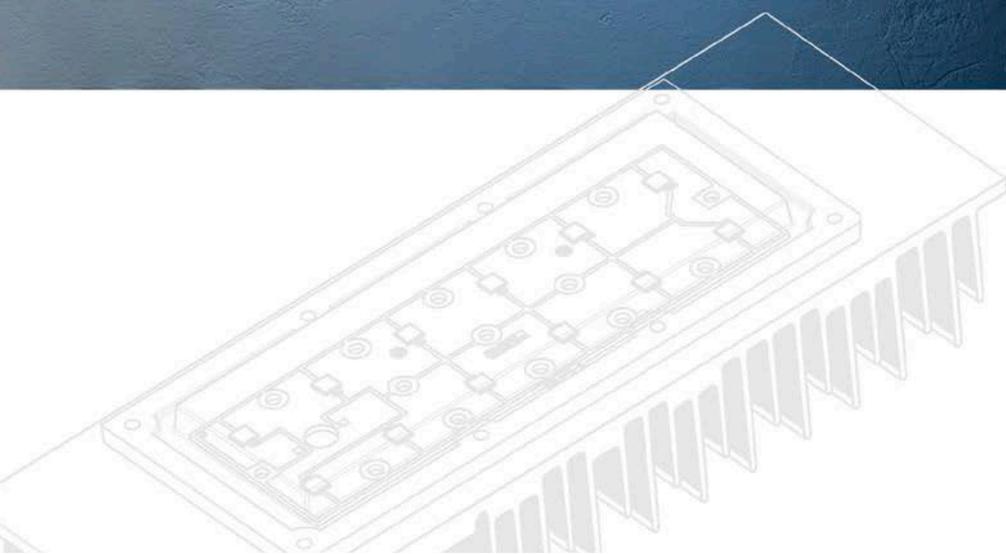


# LED SOLUTIONS



*Sparking Innovation*

# LIGHTING FOR **DECORATIVE** INDUSTRIAL



# STREET LIGHTING **COMMERCIAL** SPECIAL PROJECTS



**AUDAX ELECTRONICS** Audax Electronics is a Brazilian company established in 2012, focused on development of solid state lighting solutions (LEDs).

We continually enrich our product portfolio with state of the art LED solutions, enabling our customers to rapidly develop and deploy new fixtures with the latest technology.

We believe in each customer's unique needs. For this reason we count on our team's experience to deliver the right project.

## EXPERTISE

With our background and experience in the lighting industry we are able to create and offer customized products.

## INNOVATION

We invest in research, development and use of the latest technologies, leading us to innovative solutions.

## ENVIRONMENT

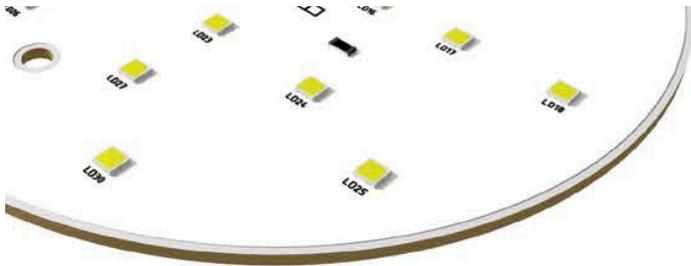
We develop products focused on conservation of energy resources.



Audax Electronics is ISO 9001 certified, a recognition of our standardized process and quality control management system.



ELT Certification  
UL 8750

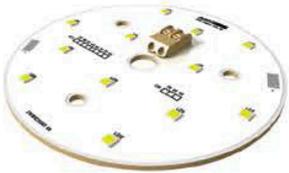


# ROUND FIT



BEST COST BENEFIT FOR INTERNAL APPLICATIONS

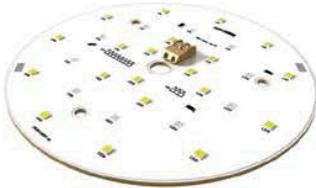
## LIGHT ENGINE Ø79mm 900lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80046900100	880	6,1	17,5	3.000K	80min	12
80047000100	924	6,1	17,5	4.000K	80min	12
80047100100	957	6,1	17,5	5.000K	80min	12

DRIVER: EIP008C0350LHS

## LIGHT ENGINE Ø120mm 2.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80047200100	2.218	17,1	24,5	3.000K	80min	20
80047300100	2.330	17,1	24,5	4.000K	80min	20
80047400100	2.388	17,1	24,5	5.000K	80min	20

DRIVER: EIP021C0700L2

## LIGHT ENGINE Ø120mm 3.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80047500100	3.328	25,7	36,7	3.000K	80min	30
80047600100	3.495	25,7	36,7	4.000K	80min	30
80047700100	3.582	25,7	36,7	5.000K	80min	30

DRIVER: EIP040C0700L1

## APPLICATIONS Downlights



CRI > 80



MODULE EFFICACY  
UP TO 139 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



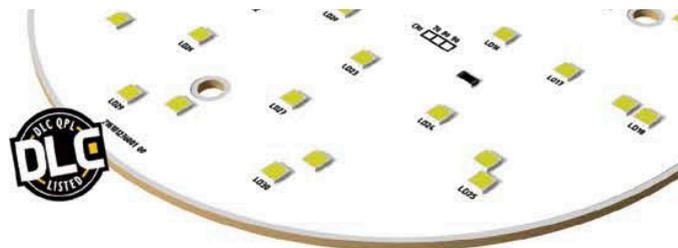
5 YEAR  
WARRANTY



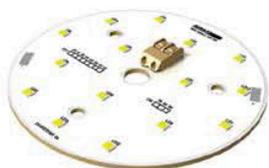
# ROUND FIT DLC

HIGH EFFICACY FOR INTERNAL APPLICATIONS

Use this product and achieve DLC



LIGHT ENGINE Ø79mm 900lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80082900100	894	6,0	17,1	3.000K	80min	15
80083000100	939	6,0	17,1	4.000K	80min	15
80083100100	977	6,0	17,1	5.000K	80min	15

DRIVER: EIP008C0350LHS

LIGHT ENGINE Ø120mm 2.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80083200100	2.316	16,5	23,5	3.000K	80min	28
80083300100	2.432	16,5	23,5	4.000K	80min	28
80083400100	2.512	16,5	23,5	5.000K	80min	28

DRIVER: EIP021C0700L2

LIGHT ENGINE Ø120mm 3.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80083500100	3.474	24,7	35,3	3.000K	80min	42
80083600100	3.648	24,7	35,3	4.000K	80min	42
80083700100	3.767	24,7	35,3	5.000K	80min	42

DRIVER: EIP040C0700LI

## APPLICATIONS Downlights



CRI > 80



MODULE EFFICACY  
UP TO 152 LM/W\*  
\*Tc= 60 °C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



5 YEAR  
WARRANTY



# ROUND FIT DLC PREMIUM



HIGHER EFFICACY FOR INTERNAL APPLICATIONS

*Use this product and achieve DLC Premium*

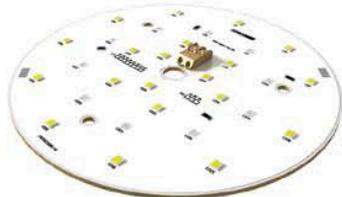
LIGHT ENGINE Ø79mm 900lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80083800100	961	5,8	16,5	3.000K	80min	15
80083900100	976	5,8	16,5	4.000K	80min	15
80084000100	1009	5,8	16,5	5.000K	80min	15

DRIVER: EIP008C0350LHS

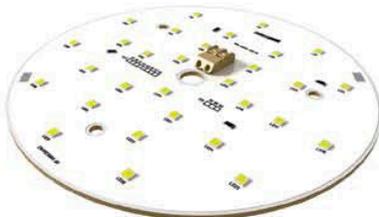
LIGHT ENGINE Ø120mm 2.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80084100100	2.507	16,0	22,8	3.000K	80min	28
80084200100	2.544	16,0	22,8	4.000K	80min	28
80084300100	2.630	16,0	22,8	5.000K	80min	28

DRIVER: EIP021C0700L2

LIGHT ENGINE Ø120mm 3.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80084400100	3.760	24,0	34,2	3.000K	80min	42
80084500100	3.816	24,0	34,2	4.000K	80min	42
80084600100	3.946	24,0	34,2	5.000K	80min	42

DRIVER: EIP040C0700LI

## APPLICATIONS Downlights



CRI > 80



MODULE EFFICACY  
UP TO 164 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours

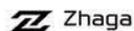


5 YEAR  
WARRANTY



# LINEAR FIT

BEST COST BENEFIT FOR INTERNAL APPLICATIONS



## LIGHT ENGINE 280 x 20mm 1.100lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80050200100	1.109	8,6	12,2	3.000K	80min	10
80050300100	1.165	8,6	12,2	4.000K	80min	10
80050400100	1.194	8,6	12,2	5.000K	80min	10

DRIVER FOR 02 LIGHT ENGINES: EIP021C0700L2

DRIVER FOR 04 LIGHT ENGINES: EIP040C0700L1

## LIGHT ENGINE 560 x 20mm 1.550lm

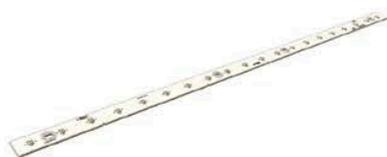


PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80047800100	1.664	12,8	18,3	3.000K	80min	15
80047900100	1.747	12,8	18,3	4.000K	80min	15
80048000100	1.791	12,8	18,3	5.000K	80min	15

DRIVER FOR 02 LIGHT ENGINES: EIP021C0700L2

DRIVER FOR 04 LIGHT ENGINES: EIP040C0700L1

## LIGHT ENGINE 560 x 20mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80048100100	2.218	17,1	24,5	3.000K	80min	20
80048200100	2.330	17,1	24,5	4.000K	80min	20
80048300100	2.388	17,1	24,5	5.000K	80min	20

DRIVER FOR 01 LIGHT ENGINE: EIP021C0700L2

DRIVER FOR 02 LIGHT ENGINES: EIP040C0700L1

**APPLICATIONS** Troffers, Batten, Retrofit T8, Retrofit HO, Linear luminaire



CRI > 80



MODULE EFFICACY  
UP TO 139 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



5 YEAR  
WARRANTY



# LINEAR FIT DLC



HIGH EFFICACY FOR INTERNAL APPLICATIONS

**Zhaga**

*Use this product and achieve DLC*

LIGHT ENGINE 280 x 20mm 1.100lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80084700100	1.158	8,2	11,8	3.000K	80min	14
80084800100	1.216	8,2	11,8	4.000K	80min	14
80084900100	1.256	8,2	11,8	5.000K	80min	14

DRIVER FOR 02 LIGHT ENGINES: EIP021C0700L2

DRIVER FOR 04 LIGHT ENGINES: EIP040C0700L1

LIGHT ENGINE 560 x 20mm 1.550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80085000100	1.737	12,3	17,6	3.000K	80min	21
80085100100	1.824	12,3	17,6	4.000K	80min	21
80085200100	1.884	12,3	17,6	5.000K	80min	21

DRIVER FOR 02 LIGHT ENGINES: EIP021C0700L2

DRIVER FOR 04 LIGHT ENGINES: EIP040C0700L1

LIGHT ENGINE 560 x 20mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80085300100	2.316	16,5	23,5	3.000K	80min	28
80085400100	2.432	16,5	23,5	4.000K	80min	28
80085500100	2.512	16,5	23,5	5.000K	80min	28

DRIVER FOR 01 LIGHT ENGINE: EIP021C0700L2

DRIVER FOR 02 LIGHT ENGINES: EIP040C0700L1

**APPLICATIONS** Troffers, Batten, Retrofit T8, Retrofit HO, Linear luminaire



CRI > 80



MODULE EFFICACY  
UP TO 153 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours

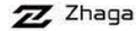


5 YEAR  
WARRANTY



# LINEAR 175

BETTER LIGHT UNIFORMITY AND DISTRIBUTION



## LIGHT ENGINE 280 x 20mm 550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80085600100	537	4,1	11,8	3.000K	80min	12
80085700100	548	4,1	11,8	4.000K	80min	12
80085800100	571	4,1	11,8	5.000K	80min	12

DRIVER FOR 02 LIGHT ENGINES: EIP008C0350LHS  
DRIVER FOR 04 LIGHT ENGINES: EIP021C0700L2

## LIGHT ENGINE 280 x 20mm 1.100lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80085900100	1.074	8,3	11,8	3.000K	80min	24
80086000100	1.097	8,3	11,8	4.000K	80min	24
80086100100	1.142	8,3	11,8	5.000K	80min	24

DRIVER FOR 02 LIGHT ENGINES: EIP021C0700L2  
DRIVER FOR 04 LIGHT ENGINES: EIP040C0700L1

## LIGHT ENGINE 560 x 10mm 550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80048400100	537	4,1	5,9	3.000K	80min	12
80048500100	548	4,1	5,9	4.000K	80min	12
80048600100	571	4,1	5,9	5.000K	80min	12

DRIVER FOR 08 LIGHT ENGINES: EIP040C0700L1  
DRIVER FOR 12 LIGHT ENGINES: EIP060C0700L2

### APPLICATIONS Troffers, Batten, Linear Luminaire, Panels



CRI > 80



MODULE EFFICACY  
UP TO 138 LM/W\*  
\*Tc= 60 °C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



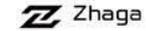
5 YEAR  
WARRANTY



# LINEAR 175



BETTER LIGHT UNIFORMITY AND DISTRIBUTION



## LIGHT ENGINE 560 x 20mm 1.100lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80050900100	1.074	8,3	11,8	3.000K	80min	24
80051000100	1.097	8,3	11,8	4.000K	80min	24
80051100100	1.142	8,3	11,8	5.000K	80min	24

DRIVER FOR 02 LIGHT ENGINES: EIP021C0700L2

DRIVER FOR 04 LIGHT ENGINES: EIP040C0700L1

## LIGHT ENGINE 560 x 20mm 1.550lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80051800100	1.611	12,4	17,7	3.000K	80min	36
80051900100	1.645	12,4	17,7	4.000K	80min	36
80052000100	1.713	12,4	17,7	5.000K	80min	36

DRIVER FOR 01 LIGHT ENGINE: EIP021C0700L2

DRIVER FOR 02 LIGHT ENGINES: EIP040C0700L1

## LIGHT ENGINE 560 x 20mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80052100100	2.148	16,5	23,6	3.000K	80min	48
80052200100	2.193	16,5	23,6	4.000K	80min	48
80052300100	2.284	16,5	23,6	5.000K	80min	48

DRIVER FOR 01 LIGHT ENGINE: EIP021C0700L2

DRIVER FOR 02 LIGHT ENGINES: EIP040C0700L1

### APPLICATIONS Troffers, Batten, Linear Luminaire, Panels



CRI > 80



MODULE EFFICACY  
UP TO 138 LM/W\*  
\*Tc= 60 °C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



5 YEAR  
WARRANTY

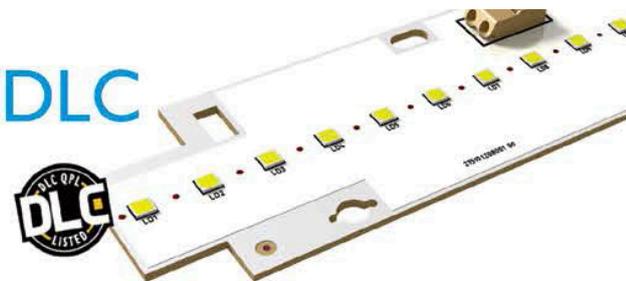


# LINEAR PERFORMANCE DLC

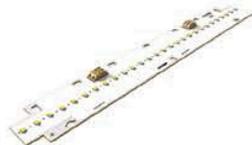
HIGH PERFORMANCE FOR PROFESSIONAL LIGHTING

Use this product and achieve DLC

Zhaga



LIGHT ENGINE 280 x 40mm 2.200lm

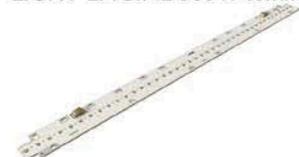


PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80048700100	2.316	16,5	23,5	3.000K	80min	28
80048800100	2.432	16,5	23,5	4.000K	80min	28
80048900100	2.512	16,5	23,5	5.000K	80min	28

DRIVER FOR 02 LIGHT ENGINES: EIP040C0700L1

DRIVER FOR 04 LIGHT ENGINES: EIP060C0700L2

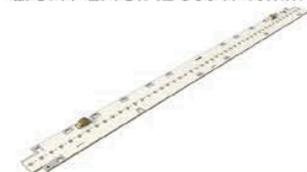
LIGHT ENGINE 560 x 40mm 3.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80049600100	3.474	24,7	35,3	3.000K	80min	42
80049700100	3.648	24,7	35,3	4.000K	80min	42
80049800100	3.767	24,7	35,3	5.000K	80min	42

DRIVER FOR 02 LIGHT ENGINES: EIP060C0700L2

LIGHT ENGINE 560 x 40mm 4.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80049000100	4.053	28,8	41,2	3.000K	80min	49
80049100100	4.256	28,8	41,2	4.000K	80min	49
80049200100	4.395	28,8	41,2	5.000K	80min	49

DRIVER FOR 02 LIGHT ENGINES: EIP060C0700L2

LIGHT ENGINE 560 x 40mm 6.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80086200100	5.589	41,2	58,8	3.000K	80min	70
80086300100	6.080	41,2	58,8	4.000K	80min	70
80086400100	6.279	41,2	58,8	5.000K	80min	70

DRIVER FOR 01 LIGHT ENGINES: EIP060C0700L2

DRIVER FOR 02 LIGHT ENGINES: EIP100C0700L1 (UNDER DEVELOPMENT)

**APPLICATIONS** Troffers, Batten, Retrofit HO, Linear Highbay



CRI > 80



MODULE EFFICACY  
UP TO 152 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



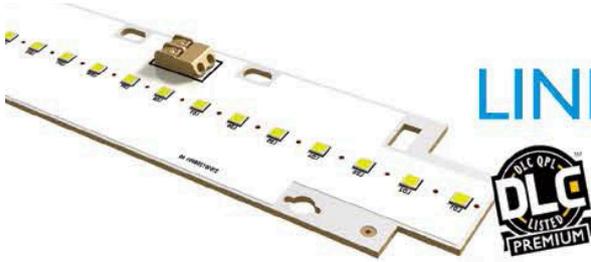
OPERATING LIFE  
L70 > 50.000 hours



5 YEAR  
WARRANTY

**AUDAX** ELECTRONICS

# LINEAR PERFORMANCE DLC PREMIUM



Zhaga

HIGHER PERFORMANCE FOR PROFESSIONAL LIGHTING

*Use this product and achieve DLC Premium*

LIGHT ENGINE 280 x 40mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80086500100	2.507	16,0	22,8	3.000K	80min	28
80086600100	2.544	16,0	22,8	4.000K	80min	28
80086700100	2.630	16,0	22,8	5.000K	80min	28

DRIVER FOR 01 LIGHT ENGINE: EIP021C0700L2  
 DRIVER FOR 02 LIGHT ENGINES: EIP040C0700L1

LIGHT ENGINE 560 x 40mm 3.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80086800100	3.760	24,0	34,2	3.000K	80min	42
80086900100	3.816	24,0	34,2	4.000K	80min	42
80087000100	3.946	24,0	34,2	5.000K	80min	42

DRIVER FOR 01 LIGHT ENGINE: EIP040C0700L1  
 DRIVER FOR 02 LIGHT ENGINES: EIP060C0700L2

LIGHT ENGINE 560 x 40mm 4.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80087100100	4.387	28,0	39,9	3.000K	80min	49
80087200100	4.452	28,0	39,9	4.000K	80min	49
80087300100	4.603	28,0	39,9	5.000K	80min	49

DRIVER FOR 01 LIGHT ENGINE: EIP040C0700L1  
 DRIVER FOR 02 LIGHT ENGINES: EIP060C0700L2

LIGHT ENGINE 560 x 40mm 6.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80087400100	6.267	40,0	57,1	3.000K	80min	70
80087500100	6.360	40,0	57,1	4.000K	80min	70
80087600100	6.576	40,0	57,1	5.000K	80min	70

DRIVER FOR 01 LIGHT ENGINES: EIP060C0700L2  
 DRIVER FOR 02 LIGHT ENGINES: CHECK AVAILABILITY

**APPLICATIONS** Troffers, Batten, Retrofit HO, Linear Highway

CRI > 80

**MODULE EFFICACY UP TO 164 LM/W\***  
\*Tc= 60 ° C

**CONNECTOR "POKE-IN"**

**COLOR CONSISTENCY 03 SDCM**

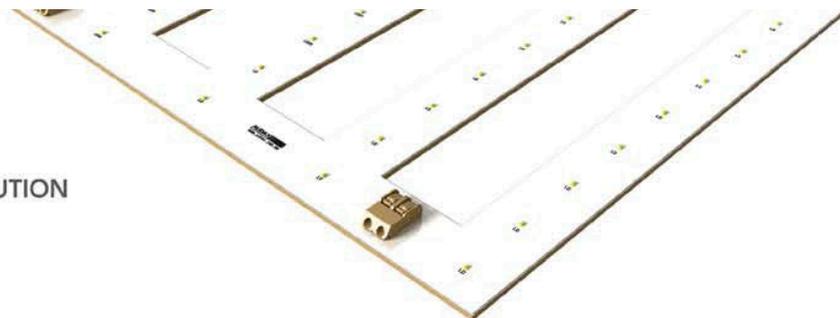
**OPERATING LIFE L70 > 50.000 hours**

**5 YEAR WARRANTY**



# SQUARED

BETTER LIGHT UNIFORMITY AND DISTRIBUTION



## LIGHT ENGINE 200 x 200mm 2.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80090200100	1.879	14,5	20,6	3.000K	80min	42
80090300100	1.919	14,5	20,6	4.000K	80min	42
80090400100	1.999	14,5	20,6	5.000K	80min	42

DRIVER FOR 01 LIGHT ENGINE: EIP021C0700L2  
DRIVER FOR 02 LIGHT ENGINES: EIP040C0700L1

## LIGHT ENGINE 280 x 280mm 2.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80090500100	2.148	16,5	23,6	3.000K	80min	48
80090600100	2.193	16,5	23,6	4.000K	80min	48
80090700100	2.284	16,5	23,6	5.000K	80min	48

DRIVER FOR 01 LIGHT ENGINE: EIP021C0700L2  
DRIVER FOR 02 LIGHT ENGINES: EIP040C0700L1

## LIGHT ENGINE 360 x 360mm 3.200lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80090800100	3.222	24,8	35,3	3.000K	80min	72
80090900100	3.290	24,8	35,3	4.000K	80min	72
80091000100	3.426	24,8	35,3	5.000K	80min	72

DRIVER FOR 01 LIGHT ENGINE: EIP040C0700L1  
DRIVER FOR 02 LIGHT ENGINES: EIP060C0700L2

### APPLICATIONS Recessed downlights and panels



CRI > 80



MODULE EFFICACY  
UP TO 138 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



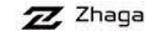
5 YEAR  
WARRANTY



# LINEAR 3R



HIGH PERFORMANCE AND DESIGN



## LIGHT ENGINE 3R 3.300lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80049900100	3.136	23,1	65,8	3.000K	80min	33
80050000100	3.294	23,1	65,8	4.000K	80min	33
80050100100	3.390	23,1	65,8	5.000K	80min	33

DRIVER FOR 02 LIGHT ENGINES: EIP060C0700L2

## LIGHT ENGINE 3R 6.600lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80063800100	6.272	46,2	65,8	3.000K	80min	66
80063900100	6.588	46,2	65,8	4.000K	80min	66
80064000100	6.779	46,2	65,8	5.000K	80min	66

DRIVER FOR 01 LIGHT ENGINE: EIP060C0700L2

## LIGHT ENGINE 3R DMC



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80091100100	9.151	66,5	31,7	2.700K	80min	33
80091200100	9.610	66,5	31,7	4.000K	80min	33
80091300100	9.730	66,5	31,7	5.000K	80min	33

DRIVER FOR 01 LIGHT ENGINE: CHECK AVAILABILITY

**APPLICATIONS** Batten, linear luminaires, decorative poles



CRI > 80



MODULE EFFICACY  
UP TO 147 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



5 YEAR  
WARRANTY



# OUTDOOR

HIGH PERFORMANCE FOR PROFESSIONAL EXTERIOR LIGHTING



## LIGHT ENGINE 2X6 STD



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
80081700100	2.944	24,1	34,5	2.700K	700	70min	12
	4.118	37,4	35,6		1.050		
	4.745	45,1	36,1		1.250		
80081800100	3.300	24,1	34,5	4.000K	700	70min	12
	4.616	37,4	35,6		1.050		
	5.318	45,1	36,1		1.250		
80079100100	3.441	24,1	34,5	5.000K	700	70min	12
	4.822	37,4	35,6		1.050		
	5.563	45,1	36,1		1.250		

## LIGHT ENGINE 2X6 PREMIUM



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
80087800100	4.734	36,5	34,8	2.700K	1.050	70min	12
	5.469	44,1	35,3		1.250		
	6.353	53,9	35,9		1.500		
80087900100	5.280	36,5	34,8	4.000K	1050	70min	12
	6.100	44,1	35,3		1.250		
	7.086	53,9	35,9		1.500		
80088000100	5.310	36,5	34,8	5.000K	1.050	70min	12
	6.137	44,1	35,3		1.250		
	7.133	53,9	35,9		1.500		

## LIGHT ENGINE 2X6 DMC



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
80103500100	3.328	24,2	34,5	2.700K	700	70min	12
	4.671	37,4	35,6		1.050		
	5.383	45,2	36,2		1.250		
80103600100	3.495	24,2	34,5	4.000K	700	70min	12
	4.905	37,4	35,6		1.050		
	5.653	45,2	36,2		1.250		
80103700100	3.538	24,2	34,5	5.000K	700	70min	12
	4.971	37,4	35,6		1.050		
	5.731	45,2	36,2		1.250		

**APPLICATIONS** Highway, Street Light, Gas Station, Projectors, Decorative Poles



CRI > 70



MODULE EFFICACY  
UP TO 158 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



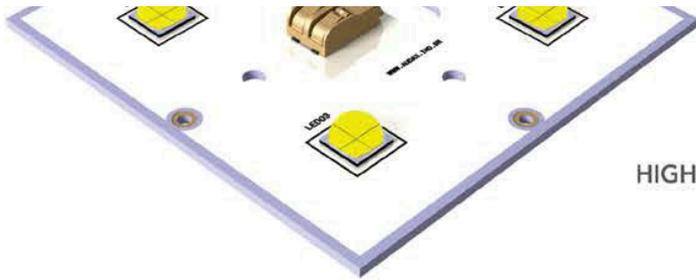
COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70> 50.000 hours



5 YEAR  
WARRANTY



# OUTDOOR



HIGH PERFORMANCE FOR PROFESSIONAL EXTERIOR LIGHTING



## LIGHT ENGINE 2X6 FIT



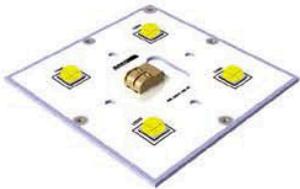
PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
80088300100	5.855	51,5	49,0	2.700K	1.050	80min	12
80088400100	6.389	51,5	49,0	4.000K	1.050	80min	12
80088500100	6.389	51,5	49,0	5.000K	1.050	80min	12

## LIGHT ENGINE 2X2 MX



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
80088600100	4.275	32,0	45,7	2.700K	700	70min	4
	6.032	49,5	47,2		1.050		
80088700100	4.640	32,0	45,7	4.000K	700	70min	4
	6.547	49,5	47,2		1.050		
80088800100	4.739	32,0	45,7	5.000K	700	70min	4
	6.840	49,5	47,2		1.050		

## LIGHT ENGINE 2X2 MX PLUS



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
80088900100	5.520	48,7	46,4	2.700K	1.050	70min	4
	7.728	72,0	48,0		1.500		
80089000100	6.360	48,7	46,4	4.000K	1.050	70min	4
	8.904	72,0	48,0		1.500		
80088910100	6.840	48,7	46,4	5.000K	1.050	70min	4
	9.576	72,0	48,0		1.500		

**APPLICATIONS** Highway, Street Light, Gas Station, Projectors, Decorative Poles



CRI > 70



MODULE EFFICACY  
UP TO 158 LM/W\*  
\*Tc= 60 °C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



5 YEAR  
WARRANTY

### LED MODULE 2X6 IP STD



LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
2.709	24,1	34,5		700		
3.789	37,6	35,6	2.700K	1.050	70min	12
4.366	45,1	36,1		1.250		
3.036	24,1	34,5		700		
4.246	37,6	35,6	4.000K	1.050	70min	12
4.893	45,1	36,1		1.250		
3.166	24,1	34,5		700		
4.436	37,6	35,6	5.000K	1.050	70min	12
5.118	45,1	36,1		1.250		

### LED MODULE 2X6 IP PREMIUM



LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
4.355	36,5	34,8		1.050		
5.032	44,1	35,3	2.700K	1.250	70min	12
5.845	53,9	35,9		1.500		
4.858	36,5	34,8		1.050		
5.612	44,1	35,3	4.000K	1.250	70min	12
6.519	53,9	35,9		1.500		
4.885	36,5	34,8		1.050		
5.646	44,1	35,3	5.000K	1.250	70min	12
6.562	53,9	35,9		1.500		

### LED MODULE 2X6 IP DMC

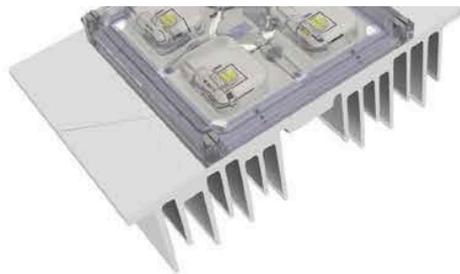


LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
3.062	24,2	34,5		700		
4.297	37,4	35,6	2.700K	1.050	70min	12
4.952	45,2	36,2		1.250		
3.215	24,2	34,5		700		
4.513	37,4	35,6	4.000K	1.050	70min	12
5.201	45,2	36,2		1.250		
3.255	24,2	34,5		700		
4.573	37,4	35,6	5.000K	1.050	70min	12
5.273	45,2	36,2		1.250		

### LED MODULE 2X6 FIT



LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
5.387	51,5	49,0	2.700K	1.050	80min	12
5.878	51,5	49,0	4.000K	1.050	70min	12
5.878	51,5	49,0	5.000K	1.050	70min	12



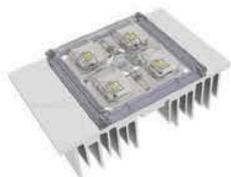
# OUTDOOR



HIGH PERFORMANCE FOR PROFESSIONAL EXTERIOR LIGHTING

IP68  
GUARANTEED

## LED MODULE 2X2 MX



LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
3.933	32,0	45,7	2.700K	700	70min	4
5.549	49,5	47,2	2.700K	1.050	70min	4
4.269	32,0	45,7	4.000K	700	70min	4
6.023	49,5	47,2	4.000K	1.050	70min	4
4.360	32,0	45,7	5.000K	700	70min	4
6.127	49,5	47,2	5.000K	1.050	70min	4

## LED MODULE 2X2 MX DOUBLE



LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
7.866	64,0	45,7	2.700K	700	70min	8
11.098	99,0	47,2	2.700K	1.050	70min	8
8.538	64,0	45,7	4.000K	700	70min	8
12.047	99,0	47,2	4.000K	1.050	70min	8
8.719	64,0	45,7	5.000K	700	70min	8
12.254	99,0	47,2	5.000K	1.050	70min	8

## LED MODULE 3R IP 6.000lm



LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
5.497	46,2	65,8	3.000K	700	80min	66
6.061	46,2	65,8	4.000K	700	80min	66
6.237	46,2	65,8	5.000K	700	80min	66

**APPLICATIONS** Highway, Street Light, Gas Station, Projectors, Decorative Poles



CRI > 70



MODULE EFFICACY  
UP TO 158 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 50.000 hours



5 YEAR  
WARRANTY

LED MODULE 3R IP DMC



LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
8.236	66,5	31,7	2.700K	700	70min	33
8.649	66,5	31,7	4.000K	700	70min	33
8.757	66,5	31,7	5.000K	700	70min	33

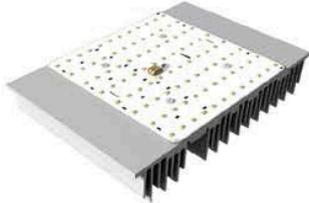
DRIVER FOR 01 LIGHT ENGINE: EIP060C0700L2

LIGHT ENGINE GAS STATION | 11.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
80059300100	10.864	76,0	72,8	5.000K	1.050	70min	96

LED MODULE GAS STATION | 11.000lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	If (mA)	CRI	# LEDs
80103400100	10.864	76,0	72,8	5.000K	1.050	70min	96



# ORDERING CODES - OUTDOOR



## LED MODULE 2X6 IP STD

ANGLE	2.700K	4.000K	5.000K
97°	80091400100	80091500100	80091600100
56°	80091700100	80091800100	80091900100
13°	80092000100	80092100100	80092200100
24°	80092300100	80092400100	80092500100
137°	80092600100	80092700100	80092800100
Asymmetric Street	80092900100	80093000100	80093100100
Asymmetric Street 90°31+116°	80093200100	80093300100	80093400100
	80095000100	80093600100	80093700100

## LED MODULE 2X6 IP PREMIUM

ANGLE	2.700K	4.000K	5.000K
97°	80093800100	80093900100	80094000100
56°	80094100100	80094200100	80094300100
13°	80094400100	80094500100	80094600100
24°	80094700100	80094800100	80094900100
137°	80095000100	80095100100	80095200100
Asymmetric Street	80095300100	80095400100	80095500100
Asymmetric Street 90°	80095600100	80095700100	80095800100
31+116°	80095900100	80096000100	80096100100

## LED MODULE 2X6 FIT

ANGLE	2.700K	4.000K	5.000K
97°	80096200100	80096300100	80096400100
56°	80096500100	80096600100	80096700100
13°	80096800100	80096900100	80097000100
24°	80097100100	80097200100	80097300100
137°	80097400100	80097500100	80097600100
Asymmetric Street	80097700100	80097800100	80097900100
Asymmetric Street 90°	80098000100	80098100100	80098200100
31+116°	80098300100	80098400100	80098500100

## LED MODULE 2X6 IP DMC

ANGLE	2.700K	4.000K	5.000K
85°	80103800100	80103900100	80104000100
51°	80104100100	80104200100	80104300100
13°	80104400100	80104500100	80104600100
24°	80104700100	80104800100	80104900100
26+116°	80105000100	80105100100	80105200100

## LED MODULE 2X2 MX

ANGLE	2.700K	4.000K	5.000K
78°	80098600100	80098700100	80098800100
50°	80098900100	80099000100	80099100100
24°	80099200100	80099300100	80099400100
137°	80099500100	80099600100	80099700100
Asymmetric Street	80099800100	80099900100	80100000100

## LED MODULE 2X2 MX DOUBLE

ANGLE	2.700K	4.000K	5.000K
78°	80100100100	80100200100	80100300100
50°	80100400100	80100500100	80100600100
24°	80100700100	80100800100	80100900100
137°	80101000100	80101100100	80101200100
Asymmetric Street	80101300100	80101400100	80101500100

## LED MODULE 3R IP 6.000lm

ANGLE	3.000K	4.000K	5.000K
90°	80101600100	80101700100	80101800100
60°	80101900100	80102000100	80102100100
84 + 90°	80102200100	80102300100	80102400100

## LED MODULE 3R IP DMC

ANGLE	2.700K	4.000K	5.000K
90°	80102500100	80102600100	80102700100
60°	80102800100	80102900100	80103000100
84 + 90°	80103100100	80103200100	80103300100



ALL LED MODULES ARE COMPATIBLE WITH LEDIL'S LENSES



# REFRIGERATION

LIGHTING SYSTEMS FOR REFRIGERATORS AND SELF SERVICE MACHINES

## AC SOLUTIONS

### LOW POWER

- Homogeneous or punctual luminous flux
- Low cost solution
- DOB: Driver on board



## DC SOLUTIONS

### MID POWER

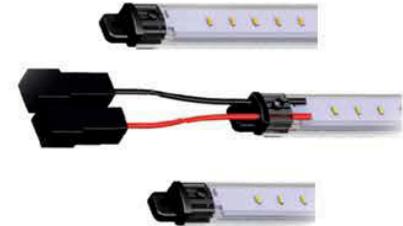
- High efficacy
- Homogeneous or punctual luminous flux
- Control by external driver



## AC SOLUTIONS

### MID POWER

- Homogeneous or punctual luminous flux
- Low cost solution
- DOB: Driver on board



CRI > 80



MODULE EFFICACY  
UP TO 90 LM/W\*  
\*T<sub>c</sub> = 60 ° C



IP68  
GUARANTEED



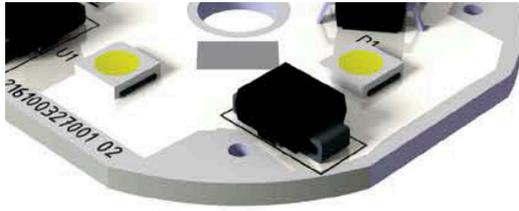
COLOR CONSISTENCY  
03 SDCM



OPERATING LIFE  
L70 > 20.000 hours



1 YEAR  
WARRANTY



**DOB**  
\*DRIVER ON BOARD



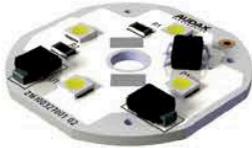
HIGH QUALITY LIGHT.

LIGHT ENGINE DOB 28mmØ 500lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80016200100	443	5,5	127	2.700K	80min	4
80089500100	507	5,5	127	5.000K	80min	4
80020000100	443	5,5	220	2.700K	80min	4
80089600100	507	5,5	220	5.000K	80min	4

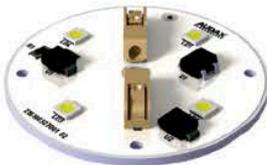
LIGHT ENGINE DOB 34mmØ 500lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80017400100	443	5,5	127	2.700K	80min	4
80089700100	507	5,5	127	5.000K	80min	4
80017800100	443	5,5	220	2.700K	80min	4
80057300100	507	5,5	220	5.000K	80min	4

Compatible with LEDiL's Optics - Angie Family

LIGHT ENGINE DOB 44mmØ 500lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80023800100	443	5,5	127	2.700K	80min	4
80028500100	507	5,5	127	5.000K	80min	4
80023900100	443	5,5	220	2.700K	80min	4
80028600100	507	5,5	220	5.000K	80min	4

Compatible with LEDiL's Optics - Quak Family

APPLICATIONS All decorative lighting fixtures



CRI > 80



MODULE EFFICACY  
UP TO 90 LM/W\*  
\*Tc= 60 ° C



CONNECTOR  
"POKE-IN"



COLOR CONSISTENCY  
03 SDCM

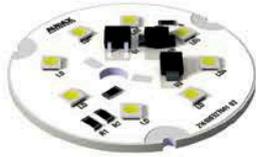


OPERATING LIFE  
L70 > 20.000 hours



1 YEAR  
WARRANTY

LIGHT ENGINE DOB 44mmØ 900lm



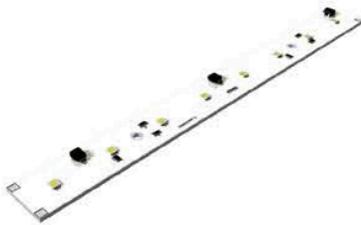
PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80071800100	885	11	127	2.700K	80min	8
80089800100	1.014	11	127	5.000K	80min	8
80071300100	885	11	220	2.700K	80min	8
80074300100	1.014	11	220	5.000K	80min	8

LIGHT ENGINE DOB 120mm x 20mm 500lm



PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80035300100	443	5,5	127	2.700K	80min	4
80089900100	507	5,5	127	5.000K	80min	4
80035400100	443	5,5	220	2.700K	80min	4
80074200100	507	5,5	220	5.000K	80min	4

LIGHT ENGINE DOB 200mm x 20mm 900lm



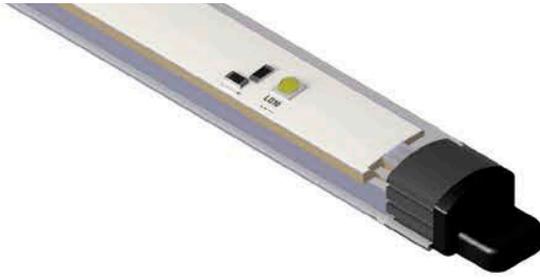
PART NUMBER	LUM. FLUX (lm)	POWER (W)	Vf (V)	CCT	CRI	# LEDs
80062500100	885	11	127	2.700K	80min	8
80090000100	1.014	11	127	5.000K	80min	8
80062600100	885	11	220	2.700K	80min	8
80090100100	1.014	11	220	5.000K	80min	8



PLUG AND PLAY SOLUTIONS  
FOR DECORATIVE APPLICATIONS

# HORTICULTURE

INDOOR GROWTH LED SYSTEMS



LabPAR-SLIM HYPE RED



LabPAR-SLIM DEEP BLUE



LabPAR-SLIM WHITE



LabPAR-CLASSIC



PART NUMBER	FLUX (PPF)	WAVELENGTH	POWER (W)	PWM dimming port	INPUT
80058400100	20 $\mu\text{mol/s}$	660nm	8,5	Yes	24Vdc

PART NUMBER	FLUX (PPF)	WAVELENGTH	POWER (W)	PWM dimming port	INPUT
80071500100	15 $\mu\text{mol/s}$	450nm	8,5	Yes	24Vdc

PART NUMBER	FLUX (PPF)	WAVELENGTH	POWER (W)	PWM dimming port	INPUT
80089200100	12 $\mu\text{mol/s}$	3000-4000K	8,5	Yes	24Vdc

PART NUMBER	FLUX (PPF)	WAVELENGTH	POWER (W)	PWM dimming port	INPUT
80023400100	25 $\mu\text{mol/s}$	660+450nm	12,0	No	24Vdc

**APPLICATIONS** Indoor Growth, In-Vitro Tissue Culture, Aeroponics and Hydroponics

- ✓ SLIM PROFILE
- ✓ TUNNABLE SPECTRUM



AUTOMATED  
CONTROL  
COMPATIBLE



SAFE VOLTAGE  
24Vdc



OPERATING  
TEMPERATURE  
-20°C TO +60°C



LIFE TIME L70B50\*\*  
50.000 hours

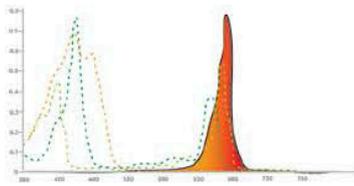


1 YEAR  
WARRANTY

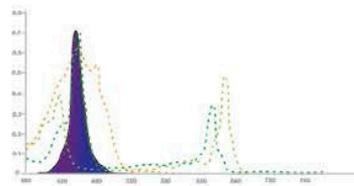
# GENERAL INFORMATION

- Specific spectrums ensures energy saving and best light formula for each crop
- Add automated control and ensure the right circadian cycle for your crop
- Low voltage input respecting electrical safety standards
- Good for multilayer culture
- Less heat in the room
- Improve your productivity
- Less bugs attraction

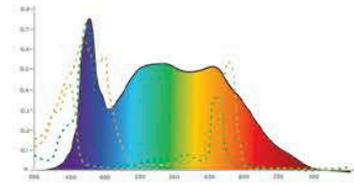
LabPAR-SLIM HYPE RED



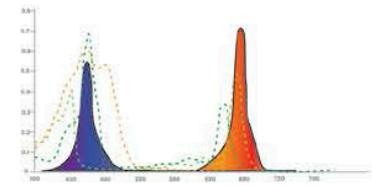
LabPAR-SLIM DEEP BLUE



LabPAR-SLIM WHITE



LabPAR-SLIM CLASSIC



BETA CAROTENE CHLOROPHYLLA CHLOROPHYLL B LED SIMULATION





# LED DRIVERS



AUTHORIZED DISTRIBUTOR



LED Driver 3W 100-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80032000100	EBP003C0350SS	100-240	5,0-8,0	350	>64	>0.45	58 x 28 x 21

LED Driver 3W 100-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80005500100	EBP003C0700SS	100-240	2,5-4,0	700	>64	>0.45	58 x 28 x 21

LED Driver 6W 100-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80046300100	EIP006C0350SH	100-240	6,5-17,5	350	>75	>0.80	68 x 35 x 20

LED Driver 8W 100-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80043800100	EIP008C0350LHS	100-240	11,5-23,0	350	>80	>0.50	88 x 39 x 22

LED Driver 12W 100-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80046400100	EIP012C0350LHL	100-240	20,5-34,5	350	>82	>0.90	105 x 42 x 24

LED Driver 21W 100-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80046600100	EIP021C0350LX	100-240	40,0-60,0	700	>86	>0.90	115 x 45 x 27

LED Driver 21W 220-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80050500100	EIP021C0700L2	220-240	18,0-30,0	700	>86	>0.90	115 x 45 x 27

LED Driver 40W 220-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80050600100	EIP040C0700L1	220-240	34,5-57,5	700	>88	>0.90	142 x 45 x 30

LED Driver 60W 220-240VAC

PART NUMBER	MFR. PART NUMBER	VAC (V)	VOUT (V)	IOUT (mA)	Eff.%	PFC	L x W x H
80050700100	EIP060C0700L2	220-240	51-92,0	700	>88	>0.90	156 x 50 x 33

# LED SOLUTION FORMULA

AUDAX ELECTRONICS develops and manufactures solid state lighting systems of the highest quality, with the latest technologies of the market to assist all customers in design and production of new products.



START



MECHANICAL DESIGN



OPTICAL SIMULATIONS



THERMAL VALIDATION



ELECTRONIC DESIGN



ASSEMBLY & PROTOTYPES

Developing of Light Engine includes the electronic module design with LEDs and connectors, all mechanical modeling, sizing heat sinks and thermal validation, as well as optics and IES files.



OPTIMIZED CUSTOM SOLUTION

# PORTFOLIO 2017



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