LEDiL DAISY MINI 14X1

HIGH PERFORMANCE FOR PROFESSIONAL LIGHTING

LIGHT ENGINE DAISY MINI 14X1 14 LEDS 284X20MM

Issue Date	March, 2026
Issued by	Almeida, B.

Applications

- Dark light
- Indoor lighting
- Linear lighting
- Retail lighting

Characteristics

- Module Efficacy – up to 186 lm/W
- L70 > 50,000 hours
- CRI 80 & 90
- 03 SDCM
- CCTs 2,700K/3,000K/3,500K/4,000K
- 05 years warranty

DRIVE PARAMETERS

Parameter	Nominal	Max
I_{board} (Current)	350 mA	700 mA
V_{board} (Voltage)	19.5 V	21.0 V

MODULE TEMPERATURES

Parameter	Nominal	Max
T_C (case temperature at Tc point)	25 °C	75 °C

PRODUCT PART NUMBER

80 CRI			
80671300100	**80671400100**	**80671500100**	**80671600100**
2,700K	3,000K	3,500K	4,000K

90 CRI			
80671700100	**80464700100**	**80502900100**	**80464600100**
2,700K	3,000K	3,500K	4,000K

LED TYPE

Manufacturer: Cree

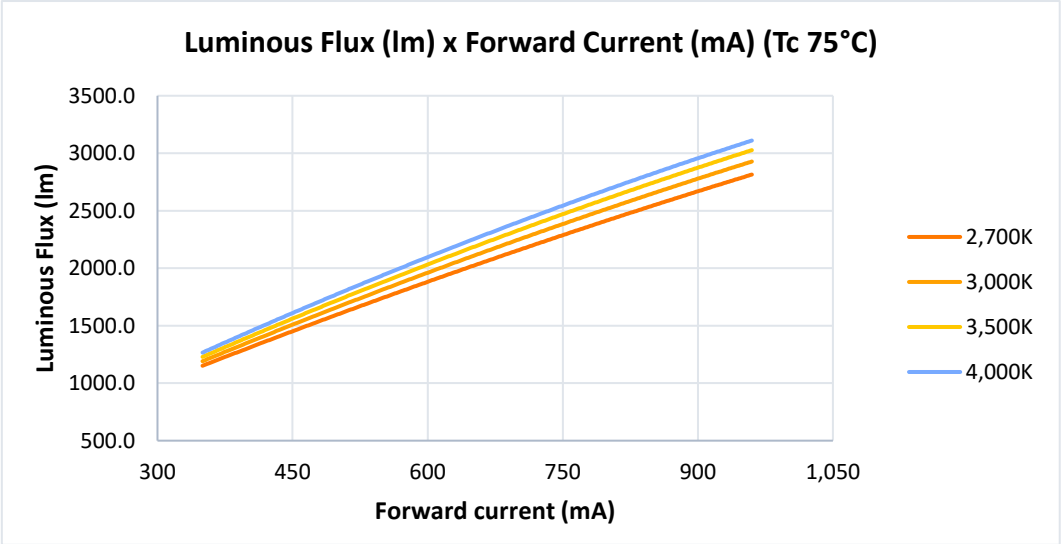
LED Series: J Series® 2835 3-V LEDs

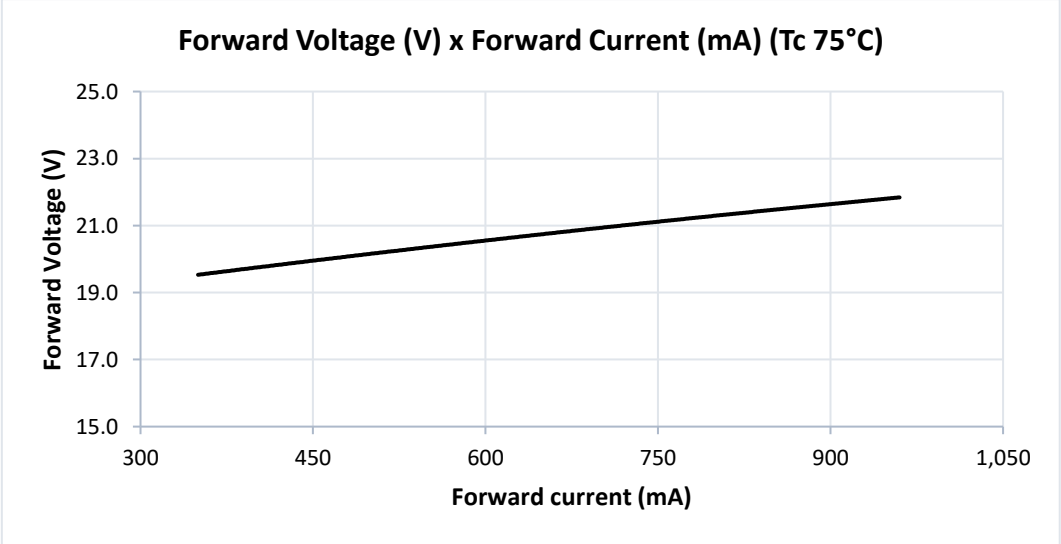
TECHNICAL INFORMATION | 80 CRI

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	Tc (°C)	Power (W)	Efficacy (lm/W)
2,700K	350	14	1,152	19.5	175	75	6.8	169
2,700K	500	14	1,596	20.2	250	75	10.1	158
2,700K	700	14	2,156	20.9	350	75	14.7	147
3,000K	350	14	1,196	19.5	175	75	6.8	175
3,000K	500	14	1,652	20.2	250	75	10.1	164
3,000K	700	14	2,254	20.9	350	75	14.7	154
3,500K	350	14	1,235	19.5	175	75	6.8	181
3,500K	500	14	1,708	20.2	250	75	10.1	169
3,500K	700	14	2,338	20.9	350	75	14.7	160
4,000K	350	14	1,271	19.5	175	75	6.8	186
4,000K	500	14	1,764	20.2	250	75	10.1	175
4,000K	700	14	2,408	20.9	350	75	14.7	164

**The specific luminous flux and voltage of the LEDs may vary ± 8%. Test Conditions: Case Temperature (T_c) = 75 °C.*

TECHNICAL GRAPHS



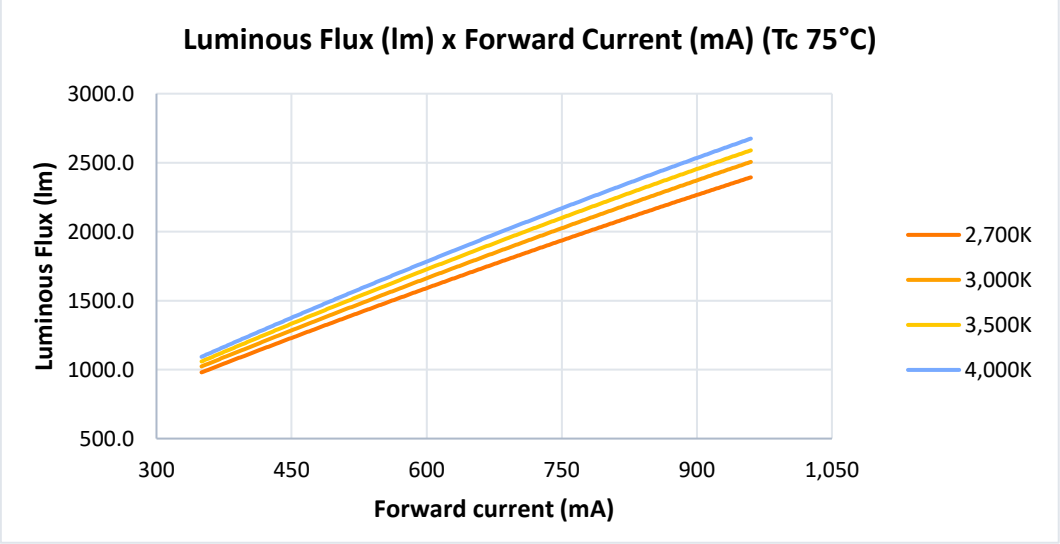


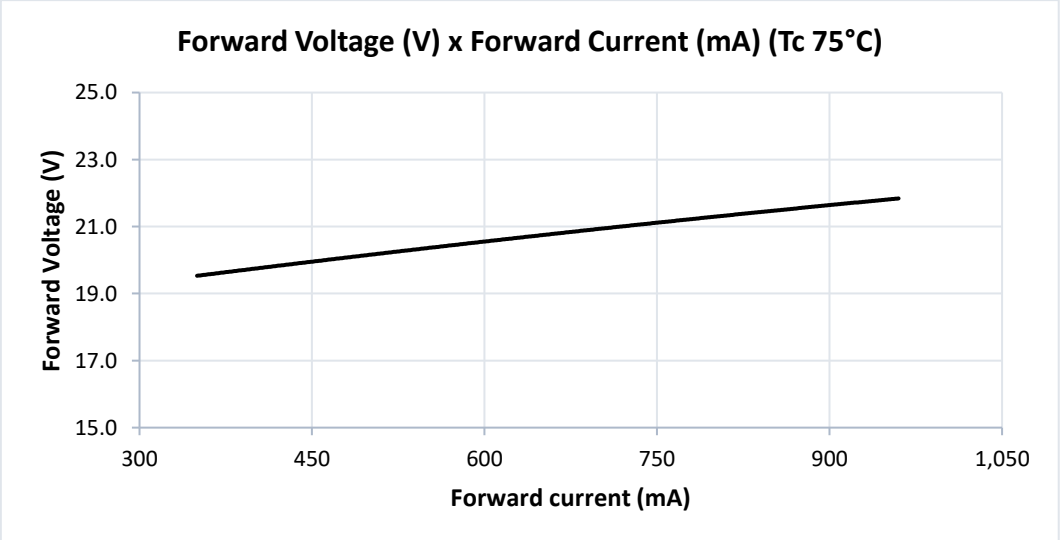
TECHNICAL INFORMATION | 90 CRI

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	Tc (°C)	Power (W)	Efficacy (lm/W)
2,700K	350	14	979	19.5	175	75	6.8	143
2,700K	500	14	1,355	20.2	250	75	10.1	134
2,700K	700	14	1,820	20.9	350	75	14.7	124
3,000K	350	14	1,022	19.5	175	75	6.8	150
3,000K	500	14	1,414	20.2	250	75	10.1	140
3,000K	700	14	1,904	20.9	350	75	14.7	130
3,500K	350	14	1,057	19.5	175	75	6.8	155
3,500K	500	14	1,470	20.2	250	75	10.1	146
3,500K	700	14	1,974	20.9	350	75	14.7	135
4,000K	350	14	1,093	19.5	175	75	6.8	160
4,000K	500	14	1,512	20.2	250	75	10.1	150
4,000K	700	14	2,044	20.9	350	75	14.7	140

**The specific luminous flux and voltage of the LEDs may vary ± 8%. Test Conditions: Case Temperature (T_c) = 75 °C.*

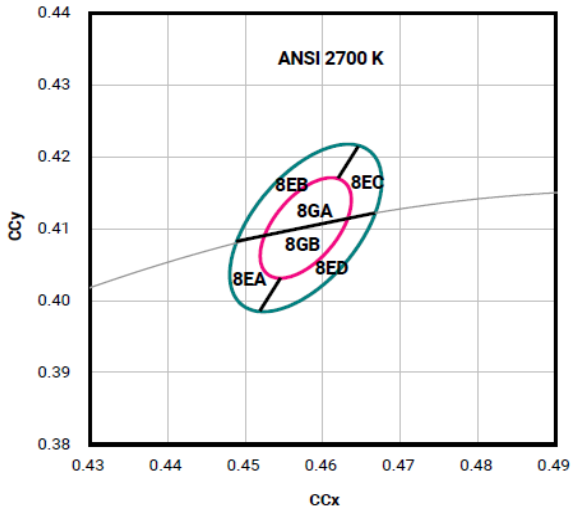
TECHNICAL GRAPHS



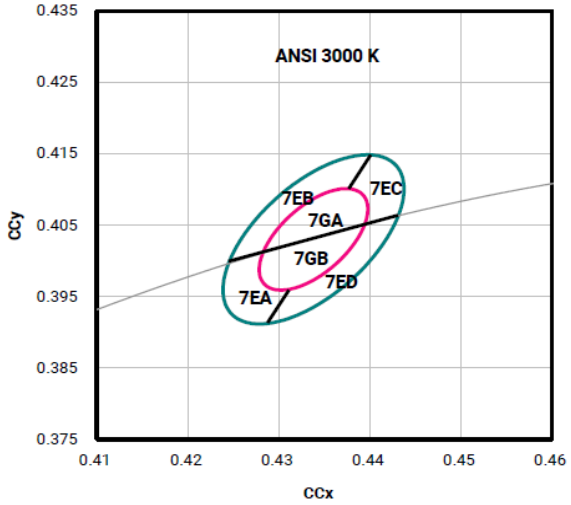


LED BINNING STRUCTURE

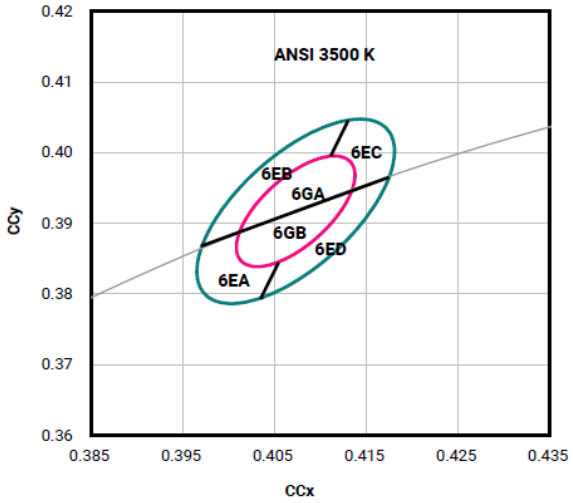
2,700K – 3 STEP BINS



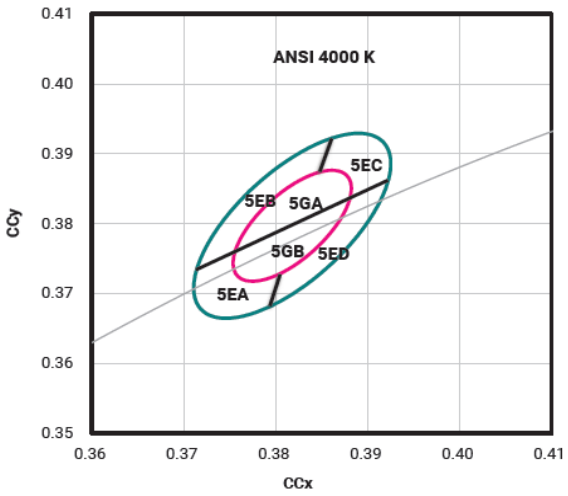
3,000K – 3 STEP BINS



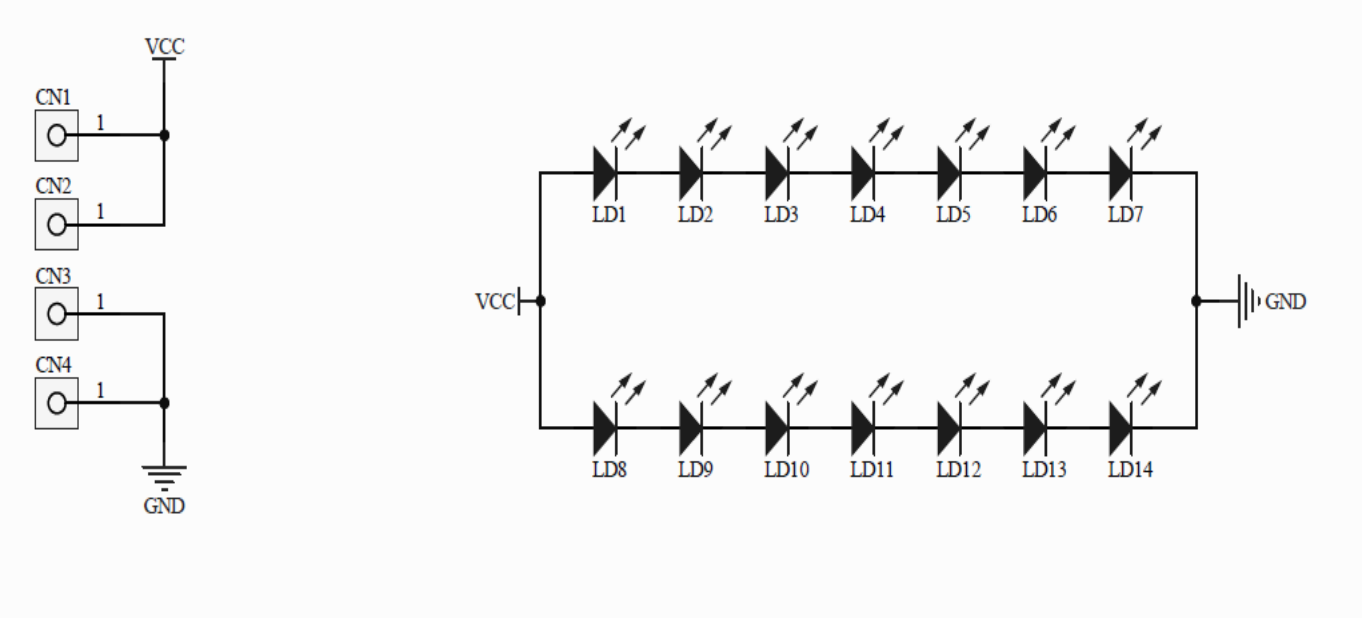
3,500K – 3 STEP BINS



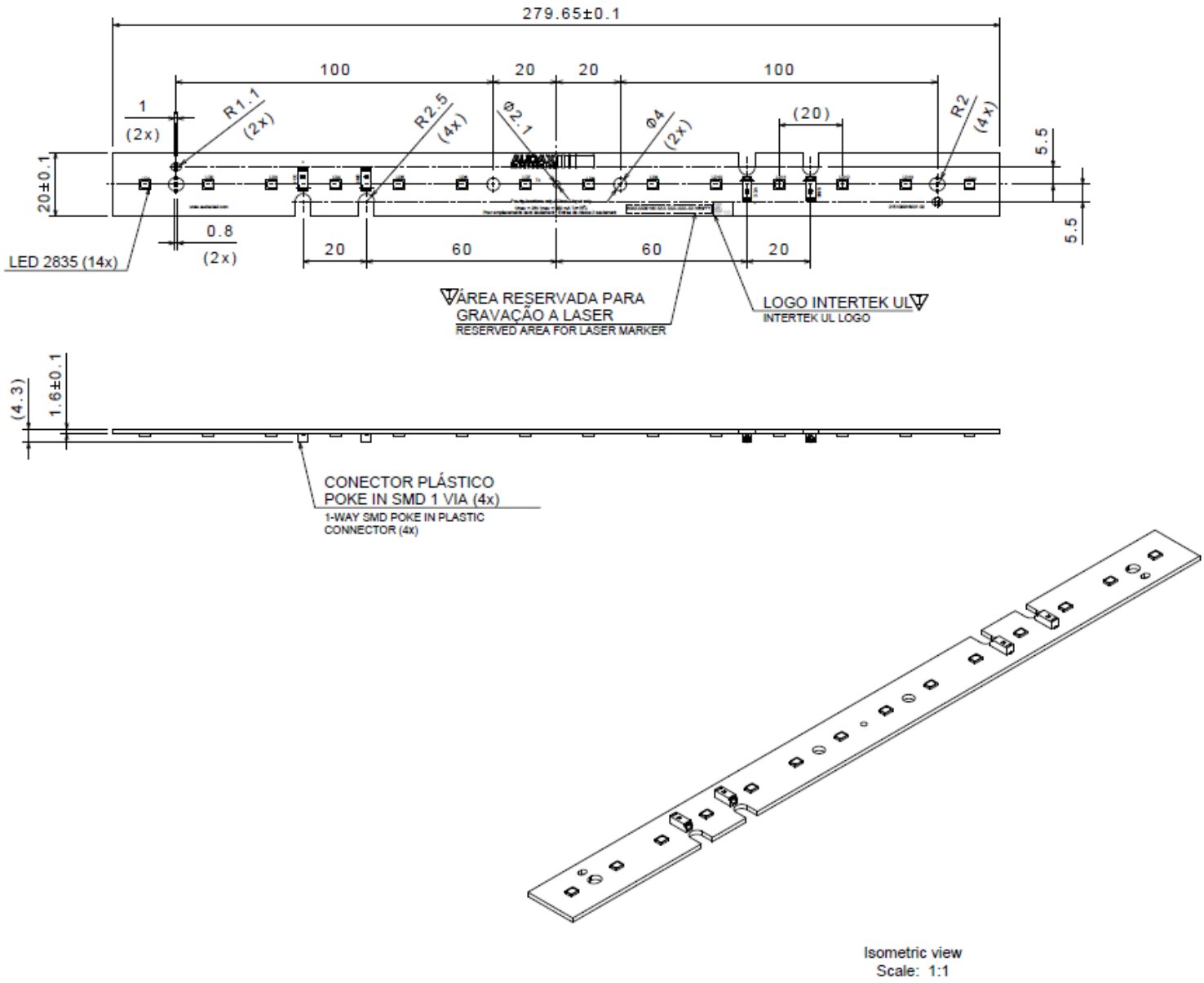
4,000K – 3 STEP BIN



SCHEMATICS



MECHANICAL DRAWING



WIRING

Specification item	Value	Unit	Condition
Input wire cross- section	0.2…0.3 24…22	mm² AWG	Solid wire
Input wire strip length	7.0…8.0	mm	Solid wire
Input wire cross-section	0.2…0.3 24…22	mm² AWG	Stranded wire
Input wire strip length	7.0…8.0	mm	Stranded wire

COMPATIBLE OPTICS | LEDiL

MANUFACTURER	PART NUMBER	COLOR	MATERIAL	BEAM
LEDiL	DAISY-MINI-M	CLEAR	PMMA	~30°
LEDiL	DAISY-MINI-W	CLEAR	PMMA	~55°
LEDiL	DAISY-MINI-WW	CLEAR	PMMA	~65°
LEDiL	DAISY-MINI-M-D	MILKY	PMMA	~40°
LEDiL	DAISY-MINI-W-D	MILKY	PMMA	~55°
LEDiL	DAISY-MINI-WW-D	MILKY	PMMA	~65°
LEDiL	DAISY-MINI-WWW-D	MILKY	PMMA	~65°
LEDiL	DAISY-MINI-FT-D	CLEAR	PMMA	FORWARD BEAM

ASSEMBLY SUGGESTION

PACKAGING

Cardboard box 600X250X250 mm
EPE Tray 600X250X30 mm with 30 boards
210 boards / Cardboard

REVISION HISTORY

VERSION	ENGINEER IN CHARGE	DATE	CHANGE
00	IP	March 12th,2026	Release