

LIGHT ENGINE 80 LEDs VICTORIA-MINI 5050 Ø150mm

Issue Date	October, 2021
Issued by	Carmo, K.

Applications

- High-bay
- Projectors
- Gas Station

Characteristics

- Module Efficacy – up to 200 lm/W
- L70 > 50,000 hours
- CRI > 70 (Typ.75)
- 03 SDCM
- CCTs 3000K / 4000K / 5000K
- 05 years warranty



DRIVE CURRENTS

Parameter	Nominal	Max
LIGHT ENGINE 80 LEDs VICTORIA-MINI 5050 Ø150mm	2400mA	3600mA ⁽¹⁾
(1) Depends on thermal interface.		

MODULE TEMPERATURES

Parameter	Nominal	Max
Tc (case temperature at Tc point)	75 °C	85 °C

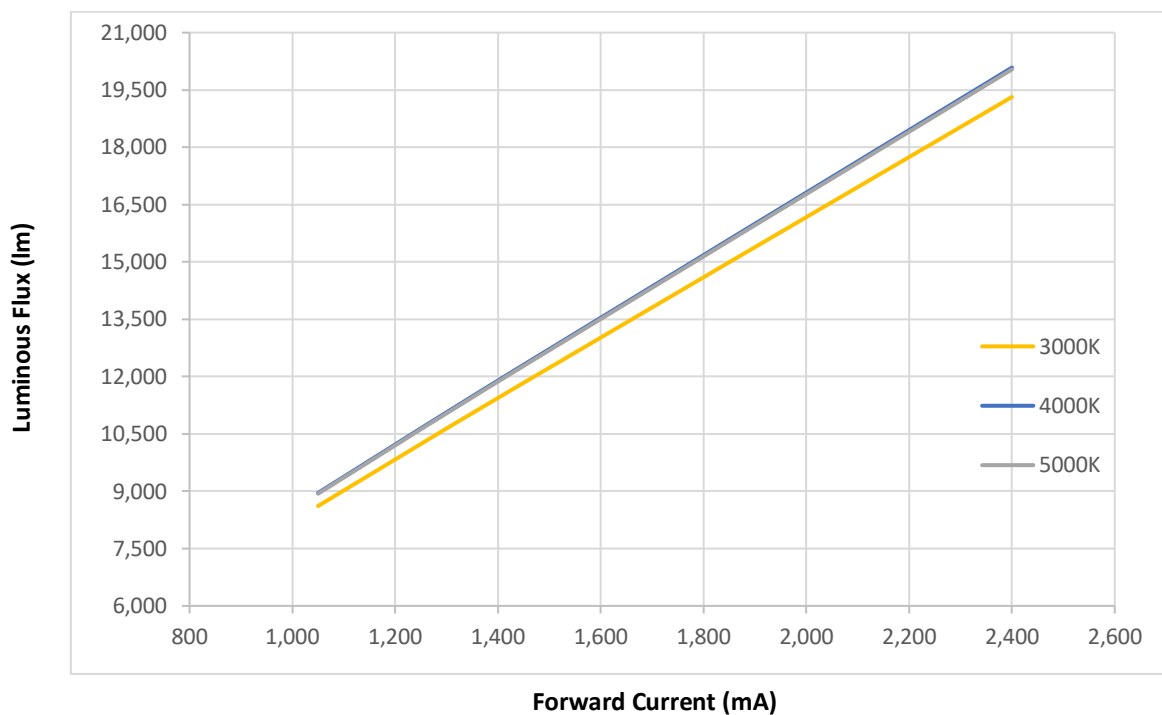
PRODUCT PART NUMBER

80412500100	80412600100	80412700100
3000K	4000K	5000K

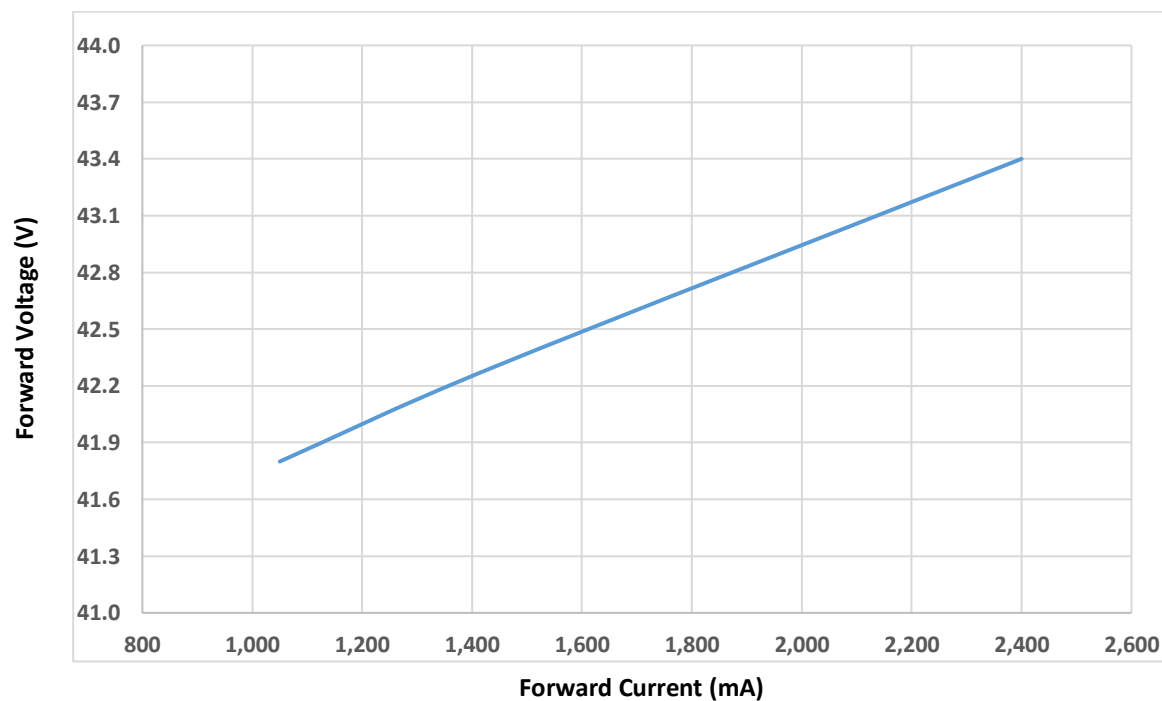
TECHNICAL INFORMATION

CCT	LED Driver Current (mA)	# LEDs	Luminous Flux (lm)	Forward Voltage (V)	LED Forward Current (mA)	TC (°C)	Power (W)	Efficacy (lm/W)
3000K	1,050	80	8,613	41.8	105	75	43.9	196
3000K	1,440	80	11,758	42.3	144	75	60.9	193
3000K	2,400	80	19,316	43.4	240	75	104.2	185
4000K	1,050	80	8,956	41.8	105	75	43.9	204
4000K	1,440	80	12,226	42.3	144	75	60.9	200
4000K	2,400	80	20,085	43.4	240	75	104.2	192
5000K	1,050	80	8,935	41.8	105	75	43.9	203
5000K	1,440	80	12,197	42.3	144	75	60.9	200
5000K	2,400	80	20,037	43.4	240	75	104.2	192

Luminous Flux (lm) x Forward Current (mA) (Tc 75°C)



Forward Voltage (V) x Forward Current (mA) (Tc 75°C)



LED TYPE

Manufacturer: Lumileds

LED Series: 5050 Square 6V

COMPATIBLE OPTICS

Manufacturer	Part Number	Color	Material	Beam
LEDiL	C17974_VICTORIA-MINI-WWW	Clear	PMMA	~90°
LEDiL	C17975_VICTORIA-MINI-W	Clear	PMMA	~60°
LEDiL	CS17977_VICTORIA-MINI-W	Clear	PMMA	~60°
LEDiL	CS17978_VICTORIA-MINI-WWW	Clear	PMMA	~90°
LEDiL	CS18055_VICTORIA-MINI-W-PC	Clear	PC	~60°
LEDiL	CS18056_VICTORIA-MINI-WWW-PC	Clear	PC	~90°