



COBRA



COBRA 'Luxeon M' LED

Product Family Name:	COBRA
Product Family Code:	SJ3>Drive Current><KLM><OPTIC><Kelvin><PC?>
LED Brand:	Philips Luxeon M
LED Colour Temp:	3000K / 4000K / 5000K
CRI:	>70
Light Source Replaceable:	YES
Power Supply:	Intergrated
Optical Type:	Road Type I, II, III, IV & Area Type V
Optical Distribution:	Multi Layer
Optical Cover/Lens:	PMMA - One per LED
Dimmable:	OPTIONAL
Photocell:	Optional (add N=Nema or MC=Minicell)
Power Cable:	OPTIONAL
IP Rating:	IP65
Mounting:	PT-42 to 76mm, SE-42-76mm (adapters supplied)
Aiming Angles:	-5° to +10°

Input Voltage:	90-277V
Input Frequency:	50-60Hz
Control Signal:	Optional - 0-10v or DALI or WIMAC
Chassis Material:	Die-cast Aluminium
Chassis Colour:	Two tone grey (Any colour on request)
Optical Cover/lens:	Glass
Mechanical Accessories:	Mounting adapter included
Weight (Kg):	4/ 6.5 / 12
Windage (m²):	0.0237 / 0.0425 / 0.0751
System Power:	14w to 150w
Luminous flux:	1400 to 16334
LED Luminaire efficacy:	100 to 114 Lm/W
Surge Protection	10KV/10KA (20KV/10KA Optional)
Working Temp:	-20° to +50°C
Lifetime:	>100,000hrs (L80, B100, F10)
UMSUG Codes:	Yes



Performance Specification

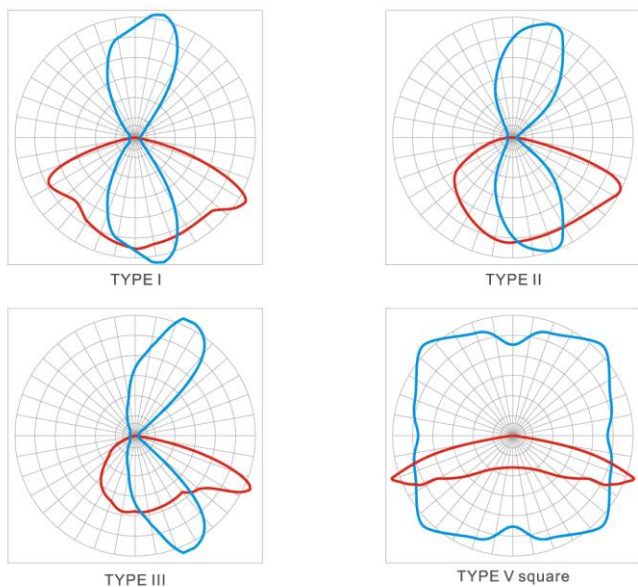
Drive Current (mA)	Circuit Watts	Lumen Output (4000K)	No. Of LEDs
Model: SJ3 - Cobra luminaire			
350	14	1348	3
500	20	1926	3
700	28	2700	3
1000	40	3857	3
Model: SJ6 - Cobra luminaire			
350	28	2625	6
500	38	3750	6
700	53	5260	6
1000	77	7514	6
Model: SJ9 - Cobra luminaire			
350	39.9	3983	9
500	57	5690	9
700	80	7970	9
1000	114	11390	9
Model: SJ12 - Cobra luminaire			
350	52.5	5313	12
500	75	7590	12
700	105	10400	12
1000	150	15180	12

Luxeon M LED brief

- High flux density with over 1400 “hot” lumens (at 120 lm/W) available from a 3x3mm LED area enables reduced emitter counts and compact fixture design
- Uniform intensity and colour across source with 70, 80 and 90 CRI minimum
- Freedom from Binning delivers colour consistency within a single 3 or 5-step MacAdam ellipse
- 11.2V, 5.6V and 2.8V packages put high performance within reach with high efficiency and low cost drivers
- Exceeds ENERGY STAR® lumen maintenance requirements.



Photometry



Product images

