



LED Corn Cobs

80CC/MAS/3CCT/LS EX39 BB 3/1

MasterClass, LED, Corncob, Mains only, 80 W, HPS 175W, MH 250W, EX39, 3000 K, 4000 K, 5000 K, 11500 lm, 12000 lm, 12000 lm, 50000 hour(s)

MasterClass, LED, Corncob, Mains only, 80 W, EX39, 3000 K, 4000 K, 5000 K, 11500 lm, 12000 lm, 12000 lm, 50000 hour(s), 150 lm/W

Product data

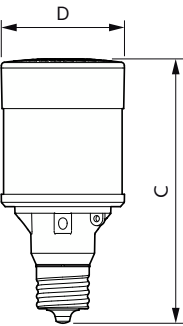
General Information			
Cap-Base	EX39	Lamp Current (Nom)	700 mA
Nominal lifetime	50,000 hour(s)	Starting Time (Nom)	2 s
Switching Cycle	50,000	Warm-up time to 60% light	1 s
Lighting Technology	LED	Power Factor (Fraction)	0.9
Warranty period	5 years	Voltage (Nom)	120-277 V
		UL Type	HIB_UL Type B (UL classified+RU)
		Wattage Equivalent (LED HID only)	HPS 175W, MH 250W
		Ballast Compatibility	Mains only
Light Technical		Temperature	
Color Code	3000K/4000K/5000K	T-Case Maximum (Nom)	107 °F
Luminous Flux	11,500 12,000 12,000 lm		
Color Designation	3000K/4000K/5000K	Controls and Dimming	
Correlated Color Temperature (Nom)	3000 4000 5000 K	Dimmable	Variac Dimming
Luminous Efficacy (rated) (Nom)	150 lm/W		
Color Consistency	<3	Mechanical and Housing	
Color rendering index (CRI)	80	Bulb Finish	Clear
LLMF At End Of Nominal Lifetime (Nom)	70 %	Bulb Shape	Corncob
		Net Weight (Piece)	1.587 lb
Operating and Electrical			
Input Frequency	50 to 60 Hz		
Power Consumption	80 W		

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Approval and Application	
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	80 kWh
Photobiological risk	Photobiological risk group 1 @ 200mm to EN62471
EU RoHS compliant	Yes
Ambient temperature range	-4 to +131 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

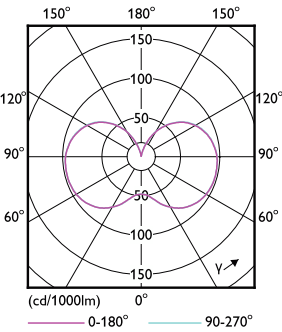
Product Data	
Order product name	80CC/MAS/3CCT/LS EX39 BB 3/1
Full product name	80CC/MAS/3CCT/LS EX39 BB 3/1
Order code	583682
Material Nr. (12NC)	929003631404
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677583682
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677583687

Dimensional drawing

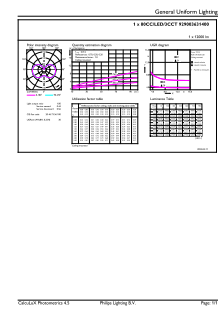


Product	D	C
80CC/MAS/3CCT/LS EX39 BB 3/1	3-5/8 inch	7-3/4 inch

Photometric data



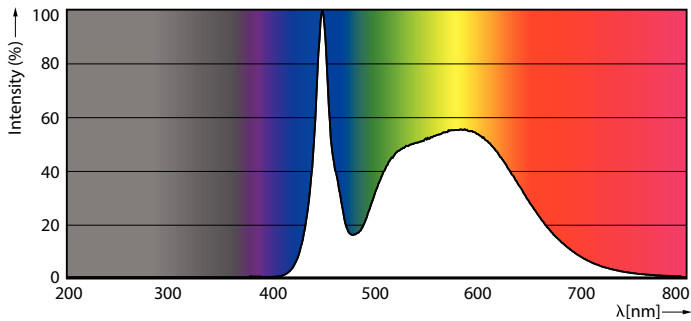
Light Distribution Diagram - 80CC/MAS/3CCT/LS EX39 BB 3/1



General uniform lighting - 80CC/MAS/3CCT/LS EX39 BB 3/1

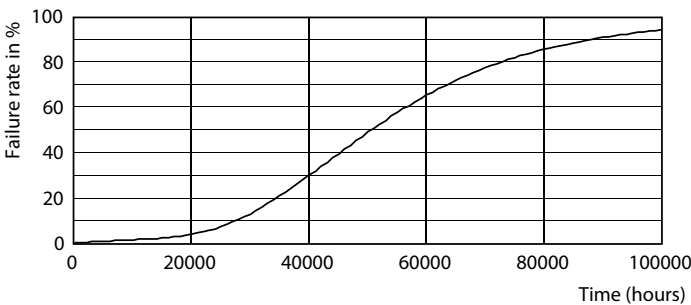
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Photometric data

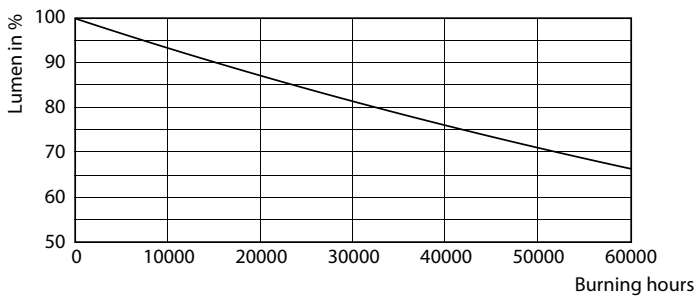


Spectral Power Distribution Colour - 80CC/MAS/3CCT/LS EX39 BB 3/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 80CC/MAS/3CCT/LS EX39 BB 3/1

