



LED Corn Cobs

115CC/MAS/850/LS EX39 G2 BB 277-480V 3/1

MASTER, LED, Corncob, Mains only, 115 W, HPS 250W, MH 320W, EX39, 5000 K, 18000 lm, 50000 hour(s)

MASTER, LED, Corncob, Mains only, 115 W, EX39, 5000 K, 18000 lm, 50000 hour(s), 156 lm/W, Plastic

Product data

General Information	
Cap-Base	EX39
Nominal lifetime	50,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED
Warranty period	5 years
Light Technical	
Color Code	850 [CCT of 5000K]
Luminous Flux	18,000 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	156 lm/W
Color Consistency	ANSI 5000K quadrangle
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Operating and Electrical	
Line Frequency	50 to 60 Hz
Input Frequency	50 to 60 Hz
Power Consumption	115 W

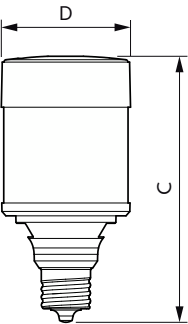
Lamp Current (Nom)	455 mA
Starting Time (Nom)	1.5 s
Warm-up time to 60% light	1.5 s
Power Factor (Fraction)	0.9
Voltage (Nom)	277-480 V
UL Type	H1B_UL Type B (UL classified+RU)
Wattage Equivalent (LED HID only)	HPS 250W, MH 320W
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	91 °F
Controls and Dimming	
Dimmable	Only with specific dimmers
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Corncob
Net Weight (Piece)	2.028 lb

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Approval and Application	
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	115 kWh
EU RoHS compliant	Yes
Ambient temperature range	-4 °F to 131 °F
Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable
Product Data	
Order product name	115CC/MAS/850/LS EX39 G2 BB 277-480V 3/1

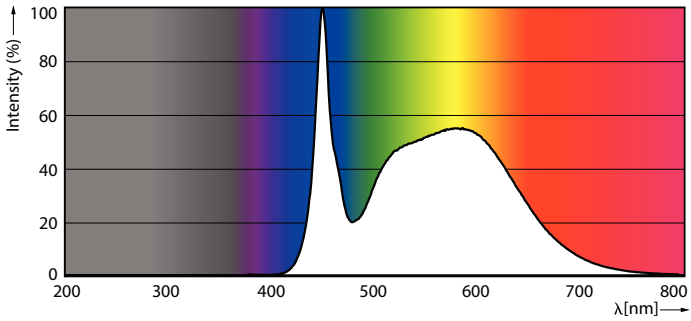
Full product name	115CC/MAS/850/LS EX39 G2 BB 277-480V 3/1
Order code	579011
Material Nr. (12NC)	929003507104
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677579012
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677579017

Dimensional drawing

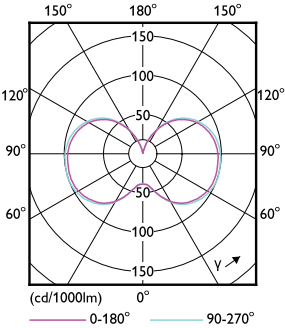


Product	D	C
115CC/MAS/850/LS EX39 G2 BB 277-480V 3/1	4-1/16 inch	8-5/16 inch

Photometric data



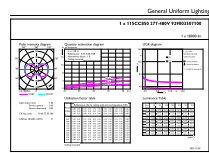
Spectral Power Distribution Colour - 115CC/MAS/850/LS EX39 G2 BB 277-480V 3/1



Light Distribution Diagram - 115CC/MAS/850/LS EX39 G2 BB 277-480V 3/1

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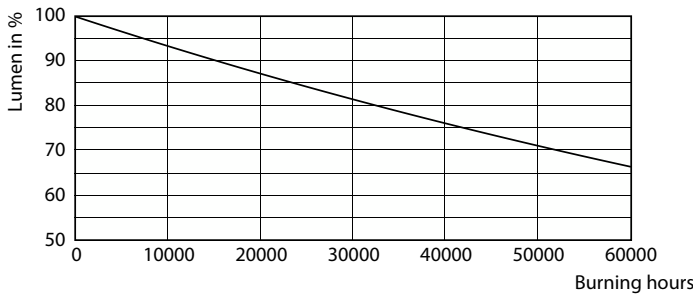
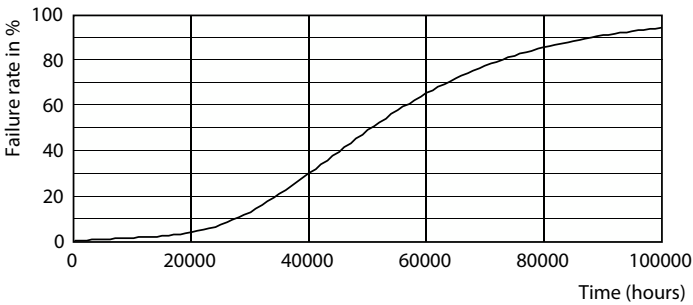
Photometric data



General uniform lighting - 115CC/MAS/850/LS EX39 G2 BB 277-480V 3/1

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Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 115CC/MAS/850/LS EX39 G2 BB 277-480V 3/1

