



LED Corn Cobs

450CC/MAS/850/LS EX39 BB 3/1

MASTER, LED, Corncob, Mains only, 450 W, HPS 1000W, EX39, 5000 K, 65000 lm, 50000 hour(s)

MASTER, LED, Corncob, Mains only, 450 W, EX39, 5000 K, 65000 lm, 50000 hour(s), 144.00 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	65,000 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	144.00 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	450 W

Lamp Current (Nom)	1,700 mA
Starting Time (Nom)	2 s
Warm-up time to 60% light	2 s
Power Factor (Fraction)	0.9
Voltage (Nom)	277-480 V
UL Type	HIB_UL Type B (UL classified+RU)
Wattage Equivalent (LED HID only)	HPS 1000W
Ballast Compatibility	Mains only
Temperature	
T-Case Maximum (Nom)	109 °F
Controls and Dimming	
Dimmable	Preset Dimming
Mechanical and Housing	
Bulb Finish	Clear
Bulb Material	Plastic
Bulb Shape	Corncob
Net Weight (Piece)	3.933 lb

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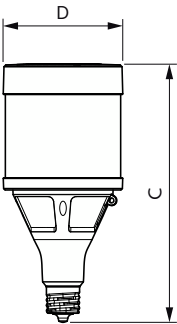
Approval and Application	
Energy Saving Product	Yes
Energy Consumption kWh/1000 h	450 kWh
EU RoHS compliant	Yes
Ambient temperature range	-4 °F to 113 °F

Application Conditions	
can it be used in closed luminaires	Yes
Wireless Technology	Not applicable

Product Data	
Order product name	450CC/MAS/850/LS EX39 BB 3/1

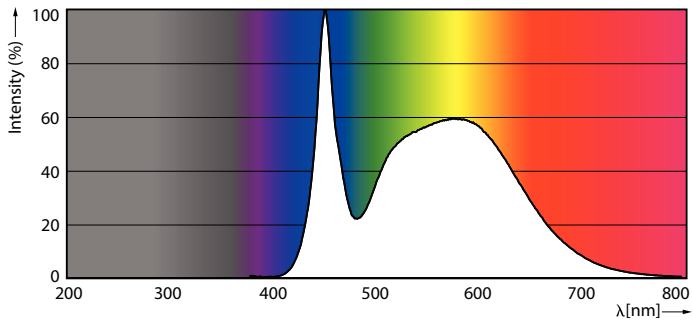
Full product name	450CC/MAS/850/LS EX39 BB 3/1
Order code	564740
Material Nr. (12NC)	929003019804
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677564742
Numerator - Packs per outer box	3
EAN/UPC - Case	5004667756477

Dimensional drawing

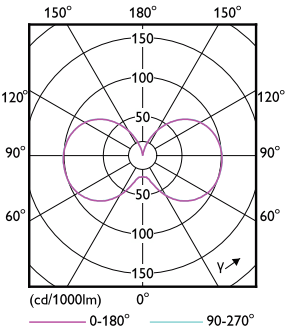


Product	D	C
450CC/MAS/850/LS EX39 BB 3/1	5-5/8 inch	12-1/8 inch

Photometric data



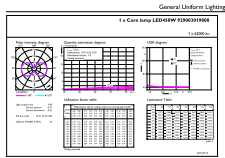
Spectral Power Distribution Colour - 450CC/MAS/850/LS EX39 BB 3/1



Light Distribution Diagram - 450CC/MAS/850/LS EX39 BB 3/1

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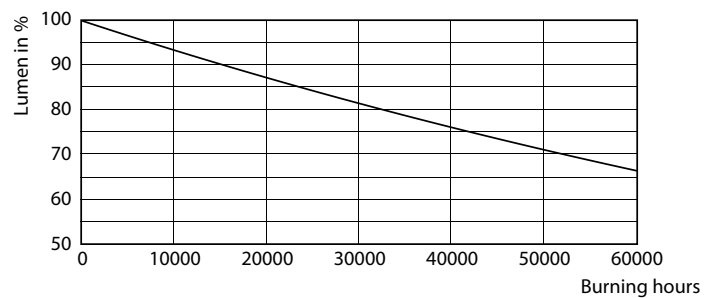
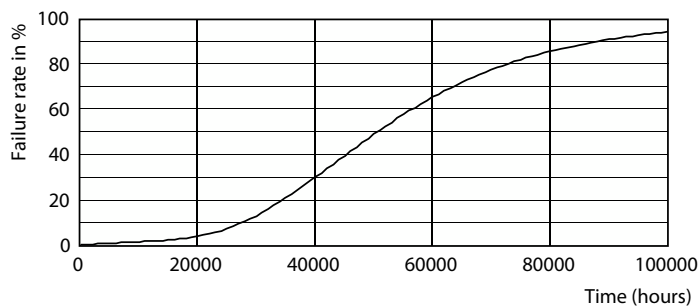
Photometric data



Calculation Photometrics 4.5 Philips Lighting B.V. Page 1/1

General uniform lighting - 450CC/MAS/850/LS EX39 BB 3/1

Lifetime



Life Expectancy Diagram

Lumen Maintenance Diagram - 450CC/MAS/850/LS EX39 BB 3/1

