PHILIPS

180-130-100CC/MAS/3PW /750/EX39 BB 3/1

929004280504



LED, Corncob, Mains, 100 W, 130 W, 180 W, HPS 400/310/250W, MH 400/400/350W, EX39, 5000 K, 30000 lm, 50000 hour(s)

LED, Corncob, Mains, 100 W, 130 W, 180 W, EX39, 5000 K, 30000 lm, 50000 hour(s), 166 lm/W, RG1

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	750 [CCT of 5000K]
Beam Angle (Nom)	300 degree(s)
Luminous Flux	30,000 lm
Color Designation	Daylight
Correlated Color Temperature (Nom)	5000 K
Luminous Efficacy (rated) (Nom)	166 lm/W

Color Consistency	<6
Color rendering index (CRI)	70
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG1

Operating and Electrical

Input Frequency	50 to 60 Hz
Power Consumption	100 W
Lamp Current (Nom)	900 mA
Starting Time (Nom)	2 s
Warm-up time to 60% light	1 s
Power Factor (Fraction)	0.9
Voltage (Nom)	120-277 V
UL Type	HIB_UL Type B (UL classified+RU)
Wattage Equivalent (LED HID only)	HPS 400/310/250W
Ballast Compatibility	Mains

Temperature

T-Case Maximum (Nom)	34.7 °C

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	Corncob
Net Weight (Piece)	0.620 kg

Approval and Application

Energy Saving Product	Yes
Energy Consumption kWh/1000 h	180 kWh
EU RoHS compliant	Yes
Ambient temperature range	-40 to +45 °C

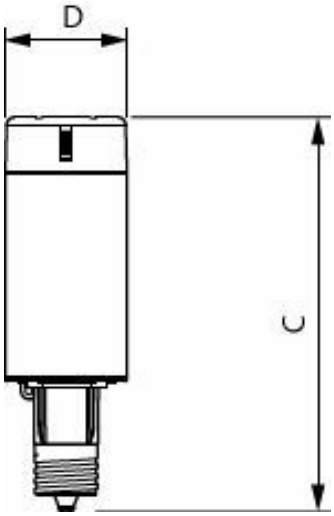
Application Conditions

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

Product Data

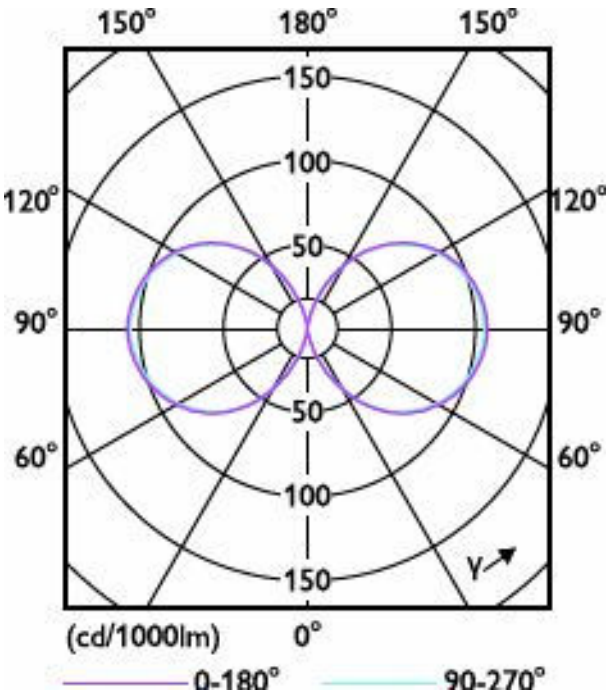
Order product name	180-130-100CC/MAS/3PW/750/EX39 BB 3/1
Full product name	180-130-100CC/MAS/3PW/750/EX39 BB 3/1
Order code	929004280504
Material Nr. (12NC)	929004280504
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	046677607432
Numerator - Packs per outer box	3
EAN/UPC - Case	50046677607437

Dimensional drawing

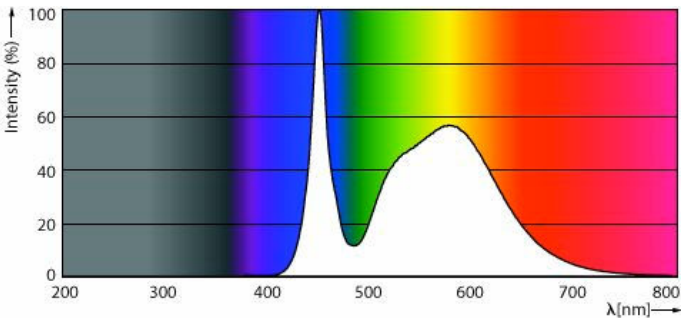


Product	D	C
180-130-100CC/MAS/3PW/750/EX39 BB 3/1	77.5 mm	250 mm

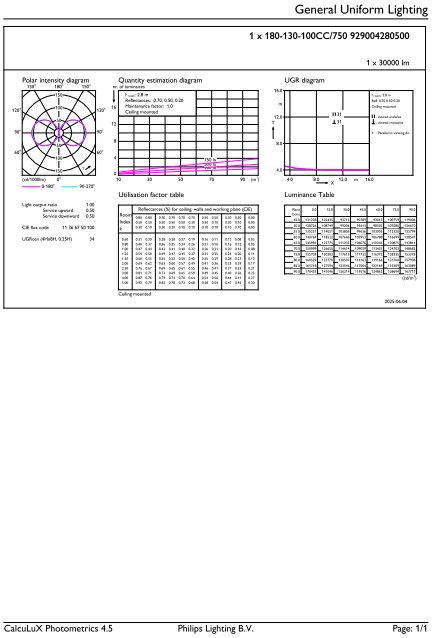
Photometric data



Light Distribution Diagram - 180-130-100CC/MAS/3PW/750/EX39 BB 3/1

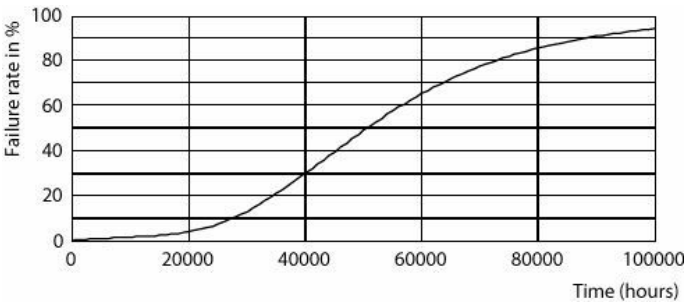


Spectral Power Distribution Colour - 180-130-100CC/MAS/3PW/750/EX39 BB 3/1

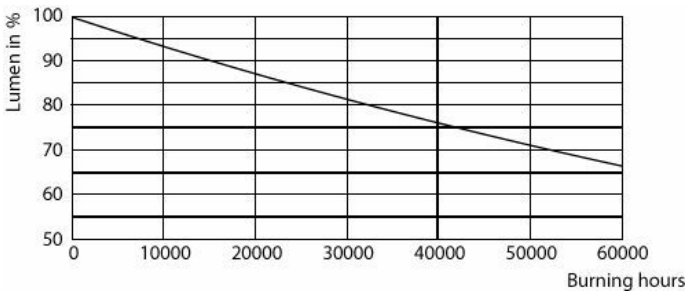


General uniform lighting - 180-130-100CC/MAS/3PW/750/EX39 BB 3/1

Lifetime



Life Expectancy Diagram



Lumen Maintenance Diagram - 180-130-100CC/MAS/3PW/750/EX39 BB 3/1

Related Documents

Documents and certificates	Document Name	Download
Environmental Product Declaration	Philips-LED-Corn-Cobs-COMF-7404056-Ref-929004280504-EPD.pdf	Download

Photometry and lighting design	Document Name	Download
IES File	LED-180-130-100CC-LED-3PW-750-EX39-BB-3-1-IES.ies	Download

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