

100W LED Corn Lamp, E40, 860

Order Code: RTF079



Photometric Data

Lumens	11000
LPW	110
Rated Life (Hrs)	50,000
L70 B50 @ 25C (Hrs)	>36,000
L80 B50 @ 25C (Hrs)	34,000
L90 B50 @ 25C (Hrs)	16,800
L90 B50 @ Ta Max (Hrs)	>36,000
CCT (K)	6,000
CRI (Ra)	>80
Beam (°)	360

Electrical Data

Input (W)	100
Input (V) ±10%	220-240
Input (A)	0.44
Electrical Class	2
Inrush (A) (Ipeak)	70
Inrush (µs) (Ipeak/2)	330
No. per C16	7
Power Factor	>0.9
THD (%)	<20%
Dimming Type	Non-Dimmable

Physical Data

Case Material	Aluminium Heat Sink
Dimensions (mm)	265 x 112
Enclosed Luminaire Min. Size	440 x 230 x 230mm, Volume = 23276 Cubic Centimeters
Base	E40
Weight (kg)	0.70

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NOTES:

IMPORTANT INFORMATION

RTF lamps must be installed in a manner to allow sufficient free airflow around the lamp, enabling the integral cooling fan to work effectively and this may require the removal of any existing cover glass. Care should be taken during installation to ensure that the lamp ventilation slots are free from obstruction and reasonably protected from dust and debris. Where luminaire cover glass cannot be removed, such as where RTF lamps are used in weatherproof fittings, suitable thermal testing must be performed prior to installation. In all instances RTF lamps must not exceed their rated PCB temperature of 85C in the highest expected ambient conditions.

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Environmental Data

Max. Ambient (°C)	50
Min. Ambient (°C)	-20
IP Rating	IP20
Thermal Cooling	20W-40W, Fanless - Self Convection. 60W-100W, Internal Fan Assisted
Warm Up Time	<2.0 secs

General Data

ECA Compliant	Yes
Energy Rating	A+



50,000
Hours



5
Years
Warranty

