Datasheet

Optional Interchangeable Bezels

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Datasheet

Erta

Erta LED Fire-rated Downlight

Erta • Interchangeable bezels with different finishes • CCT Switchable (3000K/4000K/6000K) • IP65, Class I • Dimmable • Can be installed under insulation

ERT06 (07259)

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Specification

Voltage	220-240Vac 50/60Hz
Current (mA)	29
Rated Power (W)	6
CCT Words	Warm White (Cool White, Day Light)
CCT (K)	3000 default (4000, 6000)
Total Luminous Flux (lm)	580 (650, 600)
Beam Angle(°)	40
Nominal Lifetime (h)	50000
L70B50 Lifetime (h)	50000
L80B10 Lifetime (h)	50000
L90 Lifetime (h)	37000
Blue Light Hazard	RG1
Glow wire temperature(℃)	650
SDCM of CCT	<6
Flicker %	18
Power Factor	0.9
Cut-Out (mm)	58
Ambient Temperature Range (°C)	-15 to 40
Weight (kg)	0.155
In-rush current (peak/duration) (A)	5 / 350us
Protection Rating	Class I
IK Rating	IK07
IP Rating	IP65

Light Source Specification

Lighting Technology Used	LED
Directional / Non Directional (DLS/NDLS)	DLS
Light Source Cap Type (or other interface)	Terminal
Mains / Non-Mains (MLS/NMLS)	MLS

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Connected Light source (Y/N)	N
Colour Tunable Light Source (Y/N)	N
High Luminance Light Source (Y/N)	N
Anti-Glare Shield (Y/N)	N
Dimmable (Y/N/Specific dimmer)	Y
Energy Consumption in on-mode (kWh/1000H)	6
Energy Efficiency Class	F
Useful Luminous Flux (lm)	490 (550, 510)
Beam Angle correspondence (in 360°/120°/90°)	90
CCT	3000 (4000,6000)
On-Mode Power (Pon) (W)	6
Standby Power (Psb) (W)	0
Networked Standby Power (Pnet) (W)	N/A
CRI	82
Height (mm)	51
Width (mm)	80
Depth (mm)	80
Claim of Equivalent Power? (Y/N)	No
Equivalent Power (W)	N/A
Chromaticity Co-Ordinates (X)	0.437 (0.373,0.318)
Chromaticity Co-Ordinates (Y)	0.406 (0.370, 0.339)
Peak Luminous Intensity (DLS) (cd)	780 (890, 840)
Beam Angle (DLS)	40
Survival Factor (x.xx)	0.9
Lumen Maintenance Factor (x.xx)	0.96
Displacement Factor	0.9
Colour Consistency in Mcadam Ellipses (Mains LED/OLED)	6
LED light source replaces flourescent withouth integrated ballast of particular wattage (Mains LED/OLED) (Y/N)	N
Replacement W Claim (Mains LED/OLED) (W)	N/A
Flicker metric (pst LM) (x,x)	0.1

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Storboscopic effect metric (SVM) (x,x)	0.1

Optional Gears and Accessories

Optional Gears 1	Neka Emergency module EMPAD01
Optional Gears 2	Wireless Triac dimmer CYDIMRFT1
Accessories 1	Interchangable Black Bezel ERTBZ-BLK
Accessories 2	Interchangeable Chrome Bezel ERTBZ-CHM
Accessories 3	Interchangeable Satin Chrome Bezel ERTBZ-SCH

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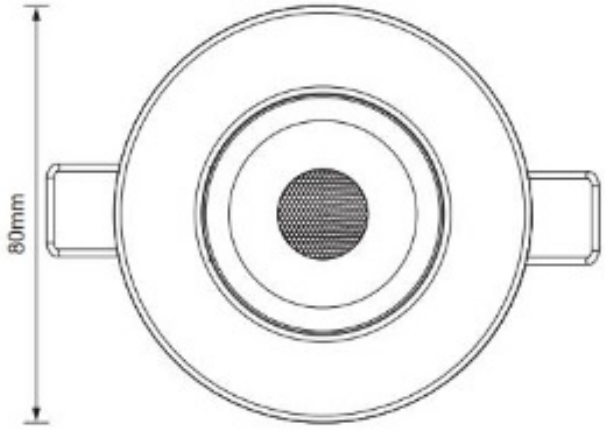
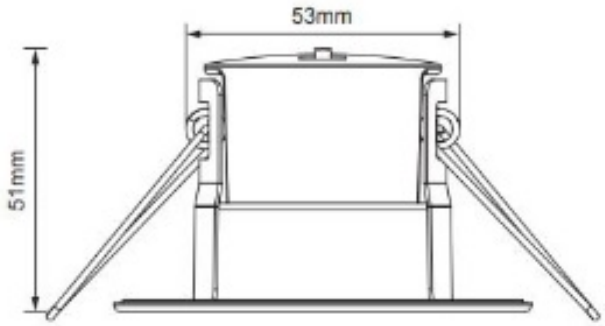
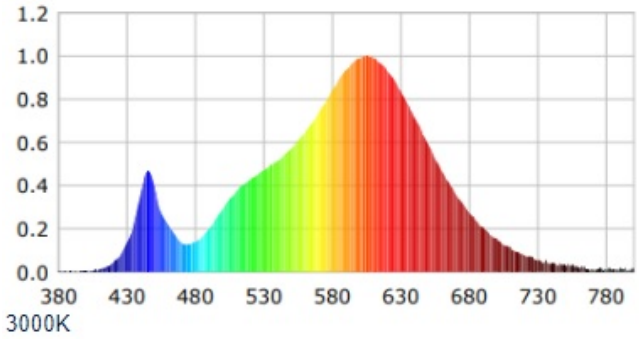
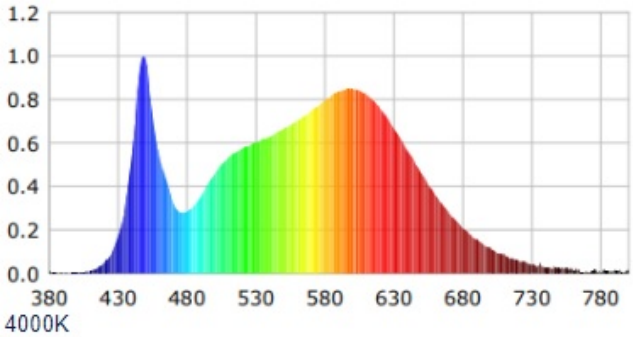
Datasheet

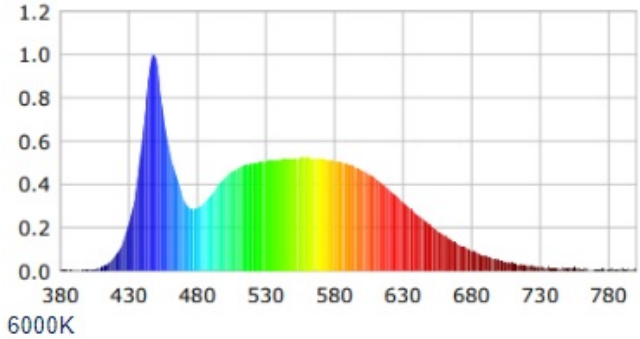
Technical Drawings











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Dimming Compatibility

The operation of common mains voltage AC dimmers appears similar, but the electrical characteristics vary significantly. While this makes no difference to filament lamps, the effect on the electronics within the LED driver can be dramatic and incompatible. The recommendations given are based on laboratory testing and should be used as guidance. The complicated application environment and huge variation in dimmer construction mean it is not possible to guarantee that a dimmer will work perfectly. In extreme cases incompatible dimmer switches may damage the LED drivers. Please ensure that the set-up is tested for performance before committing to a large project.

Recommended Dimmer Switches:

Manufacturer	Model	Marked Rating	Notes
Aurora	AU-DSP400X	400W	1 to 19 lamps. Approximately 97% dimming.
BG	DM400AP	5-50W LED	1 to 19 lamps. Approximately 88% dimming.
CYANIRIS	CYDIMRFT1 (Remote)	2 x 288W	1 to 19 lamps. Approximately 92% dimming.
Danlers	DQDGD MK	400W	1 to 19 lamps. Approximately 84% dimming.
Hamilton	H-LEDSTAT-GR	100W	1 to 19 lamps. Approximately 88% dimming.
Varilight	Eclique (JDQI401S)	400W	1 to 19 lamps. Approximately 82% dimming.
Varilight	V-Pro	100W LED	1 to 19 lamps. Approximately 95% dimming.
MK	K1523***LV (Logic Plus)	4-70W LED	1 to 19 lamps. Approximately 94% dimming.

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