



by  
**PhotonStar**<sup>TM</sup>

Award Winning British LED Lighting

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V2016.07.27

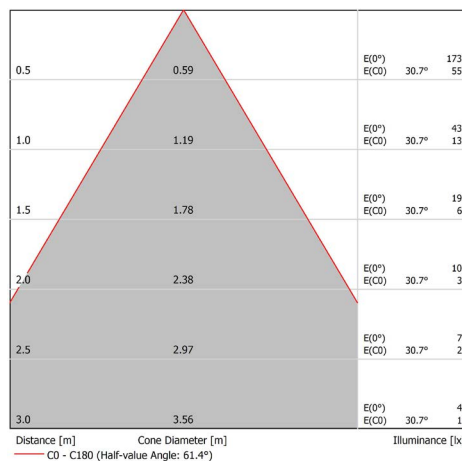
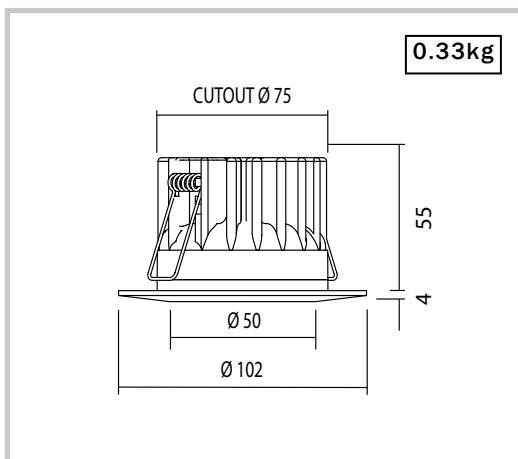
# EcoStar 600

Ultra efficient low maintenance LED downlights for halogen replacement

Diffused Optic  
Non LED  
Appearance



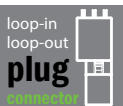
	Ultra Warm White <b>2700K Ra80+</b>	Warm White <b>3000K Ra80+</b>	Neutral White <b>4000K Ra80+</b>
Colour temperature/rendering	<b>2700K Ra80+</b>	<b>3000K Ra80+</b>	<b>4000K Ra80+</b>
Illuminance comparable to	<b>50W GU10/35W LV halogen</b>	<b>50W GU10/35W LV halogen</b>	<b>50W GU10/35W LV halogen</b>
Light engine power	<b>5.25W</b>	<b>5.25W</b>	<b>5.25W</b>
LED lumens (L <sub>100</sub> )	<b>591 lm</b>	<b>609 lm</b>	<b>636 lm</b>
Delivered lumens (L <sub>100</sub> )	<b>519 lm</b>	<b>535 lm</b>	<b>559 lm</b>
System power (including driver)	<b>6.6W</b>	<b>6.6W</b>	<b>6.6W</b>
Efficacy (lumens/circuit Watt)	<b>79 lm/cW</b>	<b>81 lm/cW</b>	<b>85 lm/cW</b>
Approximate lifetime (L <sub>70</sub> F <sub>10</sub> )	<b>40,000 hrs</b>	<b>40,000 hrs</b>	<b>40,000 hrs</b>
Dimming option	<b>Yes, see '-DIM' version</b>	<b>Yes, see '-DIM' version</b>	<b>Yes, see '-DIM' version</b>
Emergency option	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
Building Regulations	<b>B<sup>+</sup>, C, E, L</b>	<b>B<sup>+</sup>, C, E, L</b>	<b>B<sup>+</sup>, C, E, L</b>



Part  
**L**  
1&2  
compliant

**5**  
year  
warranty

**ECA**  
compliant



NB: EM denotes 3 Hour Emergency Pack with BLF of 16%  
NB: All figures +/- 10%.

# EcoStar 600 order codes

## Non-Dimmable

ECO600-27-MW	ECO600 2700K 6.6W 70° matt white non-dim driver
ECO600-30-MW	ECO600 3000K 6.6W 70° matt white non-dim driver
ECO600-40-MW	ECO600 4000K 6.6W 70° matt white non-dim driver
ECO600-27-PC	ECO600 2700K 6.6W 70° polished chrome non-dim driver
ECO600-30-PC	ECO600 3000K 6.6W 70° polished chrome non-dim driver
ECO600-40-PC	ECO600 4000K 6.6W 70° polished chrome non-dim driver
ECO600-27-BN	ECO600 2700K 6.6W 70° brushed nickel non-dim driver
ECO600-30-BN	ECO600 3000K 6.6W 70° brushed nickel non-dim driver
ECO600-40-BN	ECO600 4000K 6.6W 70° brushed nickel non-dim driver
ECO600-27-MW-E	ECO600 2700K 6.6W 70° matt white non-dim EM
ECO600-30-MW-E	ECO600 3000K 6.6W 70° matt white non-dim EM
ECO600-40-MW-E	ECO600 4000K 6.6W 70° matt white non-dim EM
ECO600-27-PC-E	ECO600 2700K 6.6W 70° polished chrome non-dim EM
ECO600-30-PC-E	ECO600 3000K 6.6W 70° polished chrome non-dim EM
ECO600-40-PC-E	ECO600 4000K 6.6W 70° polished chrome non-dim EM
ECO600-27-BN-E	ECO600 2700K 6.6W 70° brushed nickel non-dim EM
ECO600-30-BN-E	ECO600 3000K 6.6W 70° brushed nickel non-dim EM
ECO600-40-BN-E	ECO600 4000K 6.6W 70° brushed nickel non-dim EM

## Mains Dimmable

ECO600-27-MW-DIM	ECO600 2700K 6.6W 70° matt white mains dimmable driver
ECO600-30-MW-DIM	ECO600 3000K 6.6W 70° matt white mains dimmable driver
ECO600-40-MW-DIM	ECO600 4000K 6.6W 70° matt white mains dimmable driver
ECO600-27-PC-DIM	ECO600 2700K 6.6W 70° polished chrome mains dimmable driver
ECO600-30-PC-DIM	ECO600 3000K 6.6W 70° polished chrome mains dimmable driver
ECO600-40-PC-DIM	ECO600 4000K 6.6W 70° polished chrome mains dimmable driver
ECO600-27-BN-DIM	ECO600 2700K 6.6W 70° brushed nickel mains dimmable driver
ECO600-30-BN-DIM	ECO600 3000K 6.6W 70° brushed nickel mains dimmable driver
ECO600-40-BN-DIM	ECO600 4000K 6.6W 70° brushed nickel mains dimmable driver
ECO600-27-MW-DIM-E	ECO600 2700K 6.6W 70° matt white mains dimmable EM
ECO600-30-MW-DIM-E	ECO600 3000K 6.6W 70° matt white mains dimmable EM
ECO600-40-MW-DIM-E	ECO600 4000K 6.6W 70° matt white mains dimmable EM
ECO600-27-PC-DIM-E	ECO600 2700K 6.6W 70° polished chrome mains dimmable EM
ECO600-30-PC-DIM-E	ECO600 3000K 6.6W 70° polished chrome mains dimmable EM
ECO600-40-PC-DIM-E	ECO600 4000K 6.6W 70° polished chrome mains dimmable EM
ECO600-27-BN-DIM-E	ECO600 2700K 6.6W 70° brushed nickel mains dimmable EM
ECO600-30-BN-DIM-E	ECO600 3000K 6.6W 70° brushed nickel mains dimmable EM
ECO600-40-BN-DIM-E	ECO600 4000K 6.6W 70° brushed nickel mains dimmable EM

## Accessories

ECO600-HA1-MW	EcoStar 600 Hole Adapter for 90mm-105mm holes (one part adapter)
ECO600-HA2-MW	EcoStar 600 Hole Adapter for 105mm-170mm holes (two part adapter)
ECO600-IS	EcoStar 600/A Thermal Insulation Spacer



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