



by
PhotonStarTM

Award Winning British LED Lighting

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Designed
& Produced
in the UK



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EcoStar 1600LG+

Ultra efficient low glare downlight for 2x18W TC-D replacement

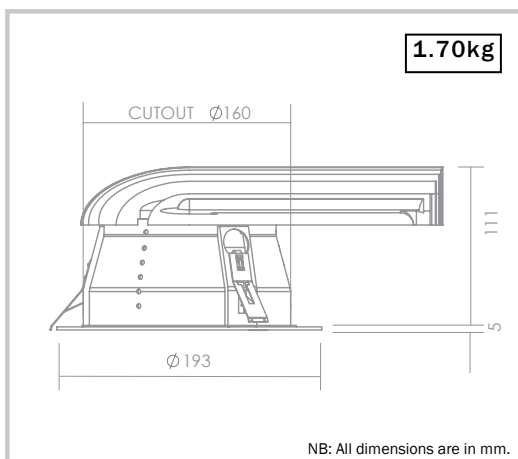


Up To
133
lm/cW

NEW

Now
IP44
Rated

	Warm White 3000K Ra80+	Cool White 4000K/Ra80+
Colour temperature/rendering	3000K Ra80+	4000K/Ra80+
Illuminance comparable to	2x18W TC-D CFL	2x18W TC-D CFL
Light engine power	9.8W	9.8W
LED lumens (L ₁₀₀)	1633 lm	1846 lm
Delivered lumens (L ₁₀₀)	1437 lm	1625 lm
System power (including driver)	12.3W	12.3W
Efficacy (lumens/circuit Watt) ⁺	118 lm/cW	133 lm/cW
Approximate lifetime (L ₇₀ F ₁₀)	50,000 hrs	50,000 hrs
Initial / Maintained SDCM	<3 / <3	<3 / <3
Driver Options Available	Yes, DALI, 1-10V	Yes, DALI, 1-10V
Emergency Option Available	Yes	Yes



NB: EM denotes 3 Hour Non-Self-Test Emergency Pack with BLF of 25.60%
NB: All Lumen, Power & Efficacy Figures are +/- 10% @25°C Ambient Temp.

*Subject to choice of driver and dimming options. For ECA compliance you should seek qualified accounting advice prior to assuming that a project or product is eligible.

Part L
1&2
compliant

5
year
warranty

ECA
compliant⁺

EcoStar 1600LG+ order codes

Low Glare

ECO1600LG+30	ECO1600LG+ 3000K Low Glare 12.3cW 60° Matt White, Non-dim driver
ECO1600LG+40	ECO1600LG+ 4000K Low Glare 12.3cW 60° Matt White, Non-dim driver
ECO1600LG+30-E	ECO1600LG+ 3000K Low Glare 12.3cW 60° Matt White, Non-dim driver EM
ECO1600LG+40-E	ECO1600LG+ 4000K Low Glare 12.3cW 60° Matt White, Non-dim driver EM
ECO1600LG+30-AD	ECO1600LG+ 3000K Low Glare 12.3cW 60° Matt White, 1-10V dim driver
ECO1600LG+40-AD	ECO1600LG+ 4000K Low Glare 12.3cW 60° Matt White, 1-10V dim driver
ECO1600LG+30-AD-E	ECO1600LG+ 3000K Low Glare 12.3cW 60° Matt White, 1-10V dim driver EM
ECO1600LG+40-AD-E	ECO1600LG+ 4000K Low Glare 12.3cW 60° Matt White, 1-10V dim driver EM
ECO1600LG+30-DL	ECO1600LG+ 3000K Low Glare 12.3cW 60° Matt White, DALI dim driver
ECO1600LG+40-DL	ECO1600LG+ 4000K Low Glare 12.3cW 60° Matt White, DALI dim driver
ECO1600LG+30-DL-E	ECO1600LG+ 3000K Low Glare 12.3cW 60° Matt White, DALI dim driver EM
ECO1600LG+40-DL-E	ECO1600LG+ 4000K Low Glare 12.3cW 60° Matt White, DALI dim driver EM

Drop Ring

ECO1600RD+30	ECO1600RD+ 3000K Drop Ring 12.3cW 60° Matt White, Non-dim driver
ECO1600RD+40	ECO1600RD+ 4000K Drop Ring 12.3cW 60° Matt White, Non-dim driver
ECO1600RD+30-E	ECO1600RD+ 3000K Drop Ring 12.3cW 60° Matt White, Non-dim driver EM
ECO1600RD+40-E	ECO1600RD+ 4000K Drop Ring 12.3cW 60° Matt White, Non-dim driver EM
ECO1600RD+30-AD	ECO1600RD+ 3000K Drop Ring 12.3cW 60° Matt White, 1-10V dim driver
ECO1600RD+40-AD	ECO1600RD+ 4000K Drop Ring 12.3cW 60° Matt White, 1-10V dim driver
ECO1600RD+30-AD-E	ECO1600RD+ 3000K Drop Ring 12.3cW 60° Matt White, 1-10V dim driver EM
ECO1600RD+40-AD-E	ECO1600RD+ 4000K Drop Ring 12.3cW 60° Matt White, 1-10V dim driver EM
ECO1600RD+30-DL	ECO1600RD+ 3000K Drop Ring 12.3cW 60° Matt White, DALI dim driver
ECO1600RD+40-DL	ECO1600RD+ 4000K Drop Ring 12.3cW 60° Matt White, DALI dim driver
ECO1600RD+30-DL-E	ECO1600RD+ 3000K Drop Ring 12.3cW 60° Matt White, DALI dim driver EM
ECO1600RD+40-DL-E	ECO1600RD+ 4000K Drop Ring 12.3cW 60° Matt White, DALI dim driver EM

Accessories

ECO16-23-31-HA1-MW	EcoStar 1600/2300/3100 Hole Adapter for 170mm-180mm holes
ECO16-23-31-HA2-MW	EcoStar 1600/2300/3100 Hole Adapter for 170mm-210mm holes
ECO16-23-31-HA3-MW	EcoStar 1600/2300/3100 Hole Adapter for 170mm-285mm holes



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