

LED Recessed Spotlight



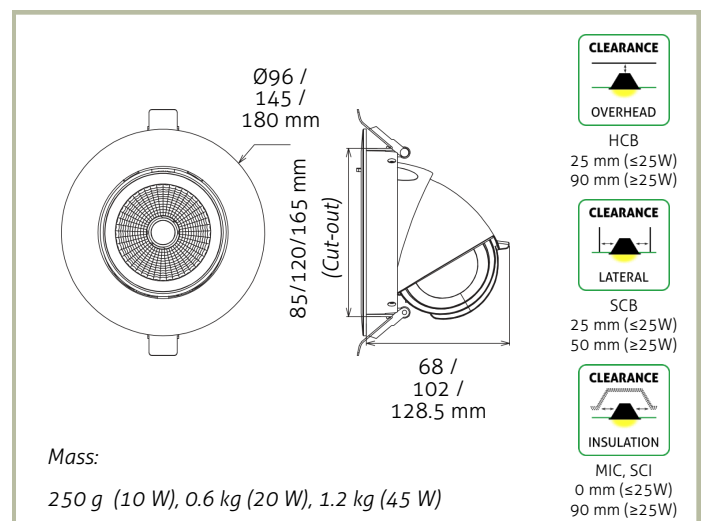
Ecopoint's Recessed Spotlight utilises a high performance Citizen COB light engine in a 350° rotating and 35° tilt-able housing, making it ideal for highlighting products, artworks and other visual features with easily adjustable precision. Coupled with a die-cast ADC12 Aluminium heatsink which delivers excellent thermal dissipation, the result is an impressive lumen maintenance value and therefore, product life.

Key applications: Retail, Supermarkets, Galleries, Foyers and lobbies

GENERAL SPECIFICATIONS:

Power Factor	≥ 0.9 (230V)
Electrical Input	AC200-240V / 50-60 Hz
Dimming Options	Triac (Std.), 1-10V, DALI & Casambi (opt.)
Colour Temperatures	4000K (2700K, 3000K, 5000K opt.)
Colour Rendering Index	Ra ≥ 80 (Ra ≥ 90 opt.)
Colour Consistency	≤ 3 SDCM
Operating Temperatures	- 20 to 45 deg. C
Construction	Cast aluminium body
Insulation Protection	IP20
Insulation Rating	IC (≤ 25 W models) / Do not cover (≥ 25 W models)
Warranty	5 years

DIMENSIONS:

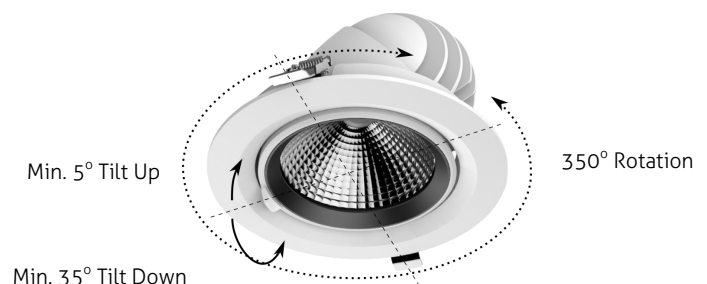


STANDARD MODELS

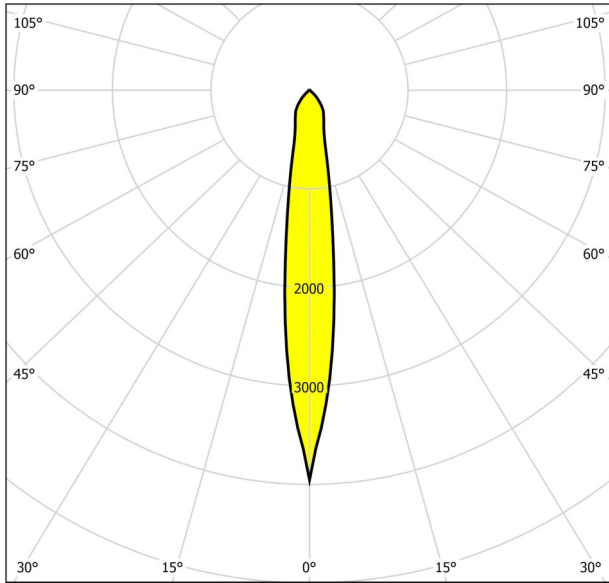
Product Code	Description	Size	Power	Flux*
ERSR96W10W840	Recessed Spotlight, R96, 10 W, 4000K (24 deg)	Ø96 x 68 mm (cut-out Ø 85-90 mm)	10 W	800 lm
ERSR145W20W840	Recessed Spotlight, R145, 20 W, 4000K (36 deg)	Ø145 x 102 mm (cut-out Ø 120-130 mm)	20 W	1,980 lm
ERSR180W45W840	Recessed Spotlight, R180, 45 W, 4000K (60 deg)	Ø180 x 128 mm (cut-out Ø 165-170 mm)	45 W	4,750 lm

Notes:

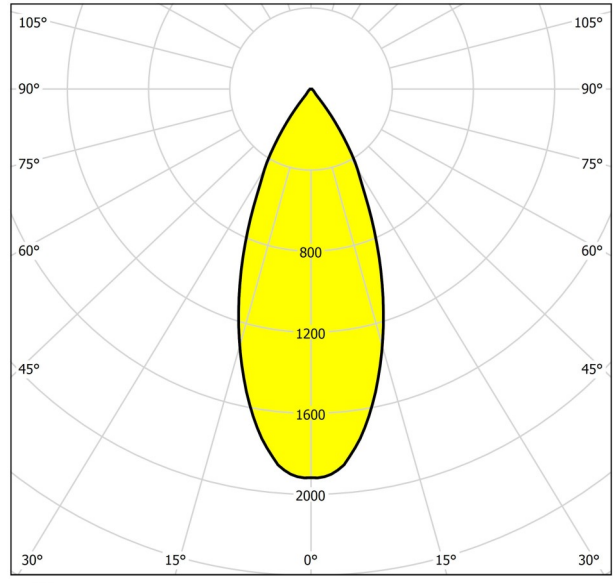
* All flux values shown here refer to 4000K specification.



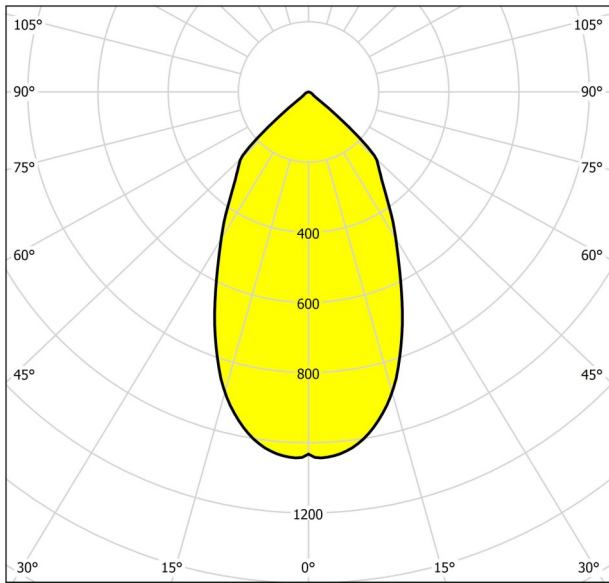
LIGHT DISTRIBUTION:



cd/klm
96 mm, 10W Version



cd/klm
145 mm, 20W Version



cd/klm
180 mm, 45W Version

Note:

Polar curves shown here relate to 4000K version; however, distribution is indicative of the performance of all colour temperature variants.

LUMEN MAINTENANCE:

Model	L70	L80	L90	Ambient Temp.
Recessed Spotlight 10W (B10 basis)	-	81,000 hrs	36,000 hrs	25° C
Recessed Spotlight 45W (B10 basis)	-	90,000 hrs	41,000 hrs	25° C

Lumen maintenance values have been calculated using TM21 methods, based on LM80 data and ISTMT data while operating in the specified ambient conditions.