

Floodlight G3

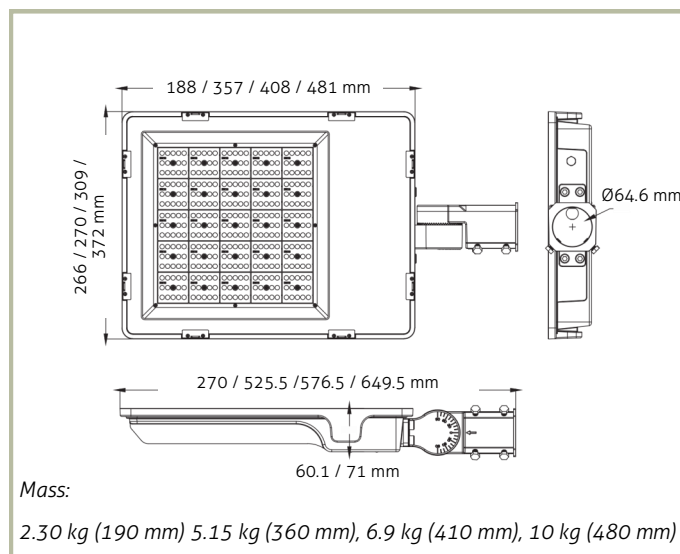


Cost-effective and capable, the latest generation Ecopoint Floodlight can be deployed in a wide range of environments and situations. A reduced profile and lower weight makes for easier installation and handling, while the addition of a slip-fitter option for pole/arm mounting broadens the applications. Models range from a compact 80W through to a powerful 300W. Individual-lens optics are enclosed behind a tempered glass cover, and the unit carries IP67 and IK08 protection ratings. Circular (30°, 60° and 90°), elongated (40°x130°, 90°x120°) and road-way (IESNA Type 2, 3 and 4) distributions are available.

Key applications: Parking, Forecourts, Campuses, Industrial/Warehouse Yards etc.

GENERAL SPECIFICATIONS:

Power Factor	≥ 0.95 (230V)
Electrical Input	100-277 V / 50-60 Hz
Dimming Options	1-10V, DALI, Microwave sensor available
Colour Temperatures	3000K, 4000K, 5000K, 6000K
Colour Rendering Index	Ra ≥ 80
Operating Temperatures	- 30 to 50 deg. C
Construction	Die-cast ADC12 Housing, extruded alum. body (max. 0.1% Cu), marine-grade powder-coated, silicon sealed PC lens and tempered glass cover, Dacromet S.S. screws
Ingress Protection	IP67
Impact Protection	IK08
Warranty	5 years



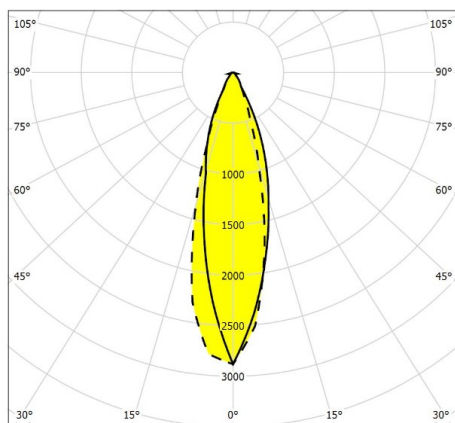
MODELS

Product Code	Description	Size	Power	Flux*
EFL0B50W840G3	Floodlight, 4000K 50W, Circular 30°/60°/90°, Elongated 40°x130°/ 90°x120° and Road-way IESNA Type 2, 3 and 4 optic.	190 x 270 x 60 mm	50W	5,200 lm
EFL1B80W840G3	Floodlight, 4000K 80W, Circular 30°/60°/90°, Elongated 40°x130°/ 90°x120° and Road-way IESNA Type 2, 3 and 4 optic.	360 x 270 x 71 mm	80W	9,800 lm
EFL1B100W840G3	Floodlight, 4000K 100W, Circular 30°/60°/90°, Elongated 40°x130°/ 90°x120° and Road-way IESNA Type 2, 3 and 4 optic.	360 x 270 x 71 mm	100W	12,100 lm
EFL1B120W840G3	Floodlight, 4000K 120W, Circular 30°/60°/90°, Elongated 40°x130°/ 90°x120° and Road-way IESNA Type 2, 3 and 4 optic.	360 x 270 x 71 mm	120W	13,700 lm
EFL2B150W840G3	Floodlight, 4000K 150W, Circular 30°/60°/90°, Elongated 40°x130°/ 90°x120° and Road-way IESNA Type 2, 3 and 4 optic.	410 x 310 x 71 mm	150W	18,500 lm
EFL2B200W840G3	Floodlight, 4000K 200W, Circular 30°/60°/90°, Elongated 40°x130°/ 90°x120° and Road-way IESNA Type 2, 3 and 4 optic.	410 x 310 x 71 mm	200W	22, 600 lm
EFL3B240W840G3	Floodlight, 4000K 240W, Circular 30°/60°/90°, Elongated 40°x130°/ 90°x120° and Road-way IESNA Type 2, 3 and 4 optic.	480 x 370 x 71 mm	240W	30,500 lm
EFL3B300W840G3	Floodlight, 4000K 300W, Circular 30°/60°/90°, Elongated 40°x130°/ 90°x120° and Road-way IESNA Type 2, 3 and 4 optic.	480 x 370 x 71 mm	300W	36,700 lm

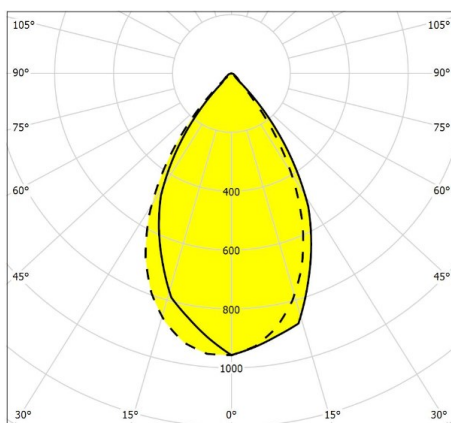
Notes:

* Flux values shown here refer to 4000K/CRI>80 specification with Elongated 90x120° distribution.

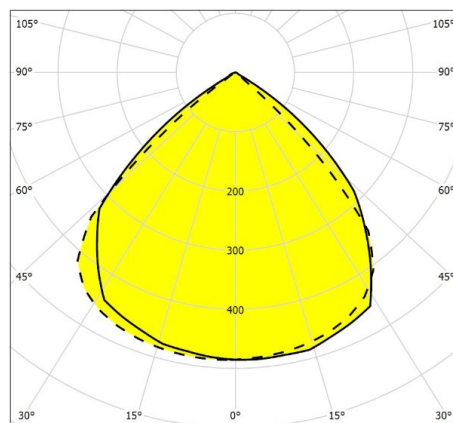
LIGHT DISTRIBUTION:



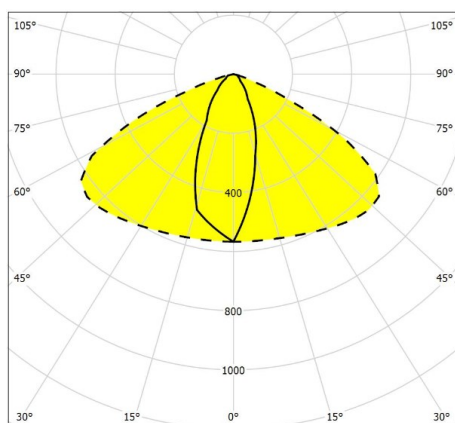
cd/klm C0 - C180 — C90 - C270 $\eta = 90\%$
30° Circular Optic (Narrow distribution)



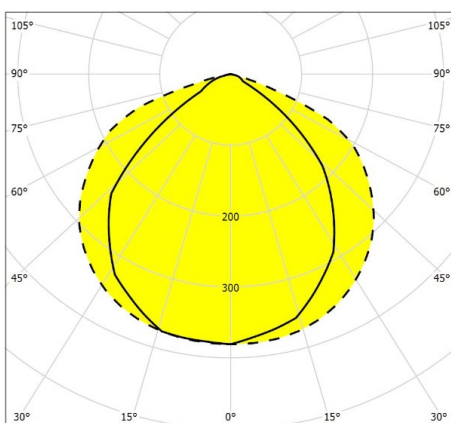
cd/klm C0 - C180 — C90 - C270 $\eta = 90\%$
60° Circular Optic (Medium distribution)



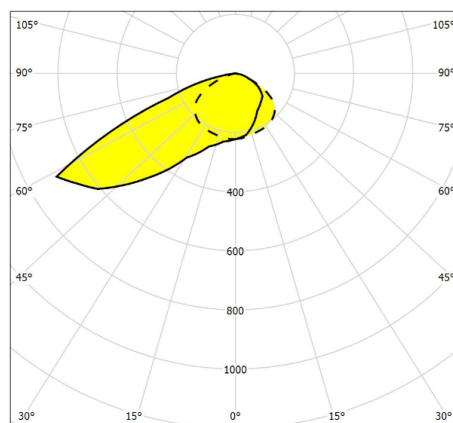
cd/klm C0 - C180 — C90 - C270 $\eta = 90\%$
90° Circular Optic (Wide distribution)



cd/klm C0 - C180 — C90 - C270 $\eta = 91\%$
40°x130° Elongated Optic



cd/klm C0 - C180 — C90 - C270 $\eta = 90\%$
90°x120° Elongated Optic



cd/klm C0 - C180 — C90 - C270 $\eta = 90\%$
IESNA Type 4 Optic

Note:

Polar curves shown here relate to 300W 4000K versions; however, distribution is indicative of the performance of all wattage variants.

LUMEN MAINTENANCE:

Model	L70	L80	L90	Ambient Temp.
Floodlight 300W	78,000 hrs	49,000 hrs	22,000 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. LM80 data covers 9,000 hours, so predictions beyond 54,000 hours are outside of TM21 reporting guidelines, and are provided here for indicative purposes only.