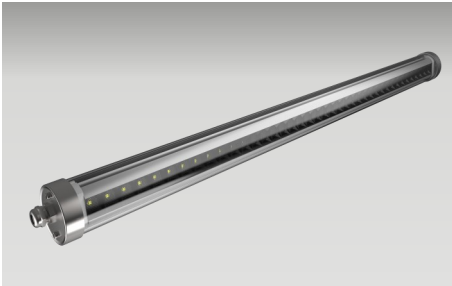


Kylindros Reflector- tubular form-factor luminaire



Description:

A lensed reflector system with three optic options drives the exceptionally low-glare Kylindros reflector. Designed with modular, replaceable componentry, this fitting also boasts excellent ingress protection and ruggedness.

From task lighting to throwing light from high ceilings, this fitting is sure to handle almost any design requirement and do so with style.

Mounting:

Ceiling / Wall / Pendant

Standard Inclusions:

Luminaire, surface-mounting and suspension hardware

Options / Accessories :

Dimming options. Optional black polycarbonate driver cover

GENERAL LUMINAIRE SPECIFICATIONS:

Flux Maintenance	L80 @ 102,000 hrs (25° C)
Colour Specifications	8040. Others, including 9040, 8030 available on request
Colour Consistency	3 SDCM
Construction	Polycarbonate cover over extruded aluminium profile and stamped aluminium reflectors. 304 stainless steel end caps
Luminaire Colour Options	End caps silver or black
Operating Conditions	-20° to 40° C
Protection Rating/s	IP65, IK10
Cable Entry	Nickel-coated brass cable gland at end cap

DRIVER SPECIFICATIONS:

Standard Driver Type	Non-dim, replaceable
Electrical Supply	AC 220 - 240V; 50/60Hz
Power Specifications	PF > 0.9, THD(I) < 20%
Flicker (TLM/TLA)	< 1% / SVM ≤ 0.4 / P _{st} ^{LM} ≤ 1.0
Electrical Protection	tbc
Environmental Protection	IP20
Rated Life	tbc
Dimming Options	1-10V, DALI

STANDARD MODELS

Type	Dimensions	CCT	Colour Rendering	Optic	Power	Flux	Flux Maintenance*
Kylindros Reflector	1130 x 70 mm 1.62 kg	4000K	R _a ≥ 80	30°, 50°, 30°x 60°	36W	3240 lm - 4140 lm	L80 @ 102,000 hrs
Kylindros Reflector	1395 x 70 mm 1.88 kg	4000K	R _a ≥ 80	30°, 50°, 30°x 60°	48W	4320 lm - 5520 lm	L80 @ 102,000 hrs

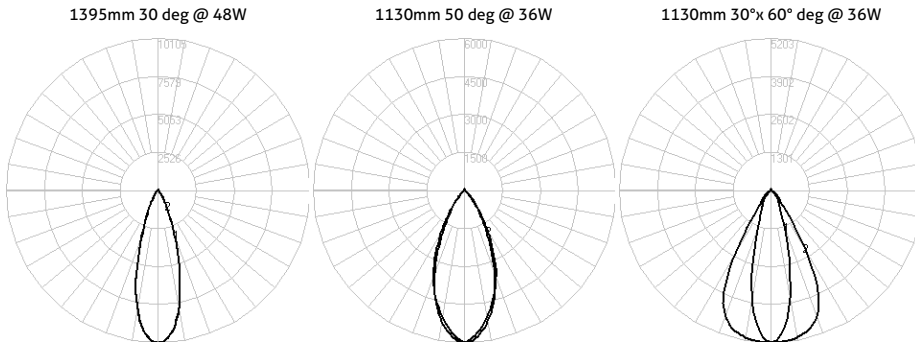
Notes:

* Flux maintenance per TM-21, t₈₀ 25° C (10,000 hrs LM-80 data; predictions >60,000 hrs are outside of TM-21 reporting guidelines and indicative only). Data reflects B50 'median useful life'.

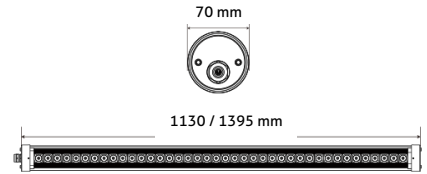
Modular design:



DISTRIBUTION:



DIMENSIONS:



PHOTOMETRIC & COLOUR PERFORMANCE SUMMARIES:

Kylindros Reflector	Power (W)	Flux (lm)
1130 mm 30 deg	36	3960
1130 mm 50 deg	36	4140
1130 mm 30 x 60 deg	36	3240
1395 mm 30 deg	48	5280
1395 mm 50 deg	48	5520
1395 mm 30 x 60 deg	48	4320

Tabular glare rating; 4Hx8H; 70/50/20	cross	end
Kylindros Reflector 1130mm 30 deg	4.9	4.9
Kylindros Reflector 1130mm 50 deg	4.9	4.9
Kylindros Reflector 1130mm 30 x 60 deg	5.3	10.7

Standard 840	Metric/s	Typical Values
	Nominal CCT	4000K
	CIE 13.3-1995	R _a 82 / R _g 10
	IES-TM30-18	R _f 84 / R _g 97 / -12% < R _{cs} < 8%
	COI (AS/NZS 1680.2.5)	-
	Melanopic Ratio (IWBI)	0.668

* Detailed colour performance specification sheets are available — request a copy if additional information is required .



LIGHT LOSS FACTOR GUIDE:

Variant	Service Life (hrs)	5,000	10,000	15,000	20,000	25,000	30,000	35,000	40,000	45,000	50,000	55,000	60,000	65,000	70,000	75,000	80,000
1395mm 48W	LLMF	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84
Based on...	LSF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
L90> 45,000 hrs	LaMF _{combined}	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84

* Refer ISO/CIE TS 22012:2019 for details of derivation and application of these standardised reference tables. Nearest relevant flux maintenance specifications are presented here — request a customised TM-21 calculation for a more accurate, project-specific, projection of LLMF based on your nominated service life.