Kylindros 360 - *tubular form-factor luminaire*

ecopoint by FOS Lighting

5 YR WARRANTY | IP40 | IK08 | 3 SDCM | LOW RISK FLICKER | +40° -20° | UGR <19 | DIMMABLE OPTIONS

Description:

The archetypal glowing cylindrical luminaire, Kylindros 360 has been designed to complement contemporary architecture and provide low-glare, 360 degree illumination.

With a full range of lengths and diameters and the ability to vary mounting heights, this luminaire can be installed to create a cascade effect and provide visual interest while evenly illuminating larger spaces.

Mounting:

Pendant suspension

Standard Inclusions:

Luminaire, suspension kit, ceiling rose with driver

Options / Accessories :

DALI and other dimming drivers.

GENERAL LUMINAIRE SPECIFICATIONS:

Flux Maintenance	L80 @ 100,000 hrs +25° C
Colour Specifications	8040. Others, including 9040, 8030 available on request
Colour Consistency	3 SDCM
Construction	Polycarbonate cover over extruded aluminium profile
Luminaire Colour Options	End caps Silver, White, Black
Operating Conditions	-20° to 40° C
Protection Rating/s	IP40, IK08
Cable Entry	End cap

DRIVER SPECIFICATIONS:

Standard Driver Type	Non-dim, replaceable
Electrical Supply	AC 220 - 240V 50/60Hz
Power Specifications	PF > 0.9; 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 360, 600mm	600mm, ø50mm/ø80mm 0.55 - 0.84 kg	4000K	$R_a \geq 80$	Opalescent diffuser 360°	20W	2600lm	L80 @ 100,000 hrs
Kylindros 360, 900mm	900mm, ø50mm/ø80mm 0.80 - 1.26 kg	4000K	$R_a \geq 80$	Opalescent diffuser 360°	30W	3900lm	L80 @ 100,000 hrs
Kylindros 360, 1200mm	1200mm, ø50mm/ø80mm 1.05 - 1.69 kg	4000K	$R_a \geq 80$	Opalescent diffuser 360°	30W	3900lm	L80 @ 100,000 hrs
Kylindros 360, 1500mm	1500mm, ø50mm/ø80mm 1.33 - 2.12 kg	4000K	$R_a \geq 80$	Opalescent diffuser 360°	40W	5200lm	L80 @ 100,000 hrs

Notes:

* Flux maintenance per TM-21, t_a 25° C (9,000 hrs LM-80 data; predictions >54,000 hrs are outside of TM-21 reporting guidelines and indicative only). Data reflects B50 'median useful life'.

OPTIONAL MOUNTS & ATTACHMENTS:

Recessed plaster ceiling mount, ø90mm, c/o ø70mm

White, silver, black finish

Track light driver. Suitable for GLOBAL, EUTRAC, NUCO IVELA, STAFF, NORLUX track systems

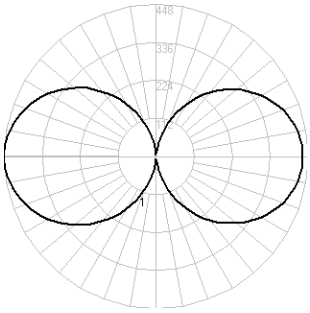
White, black finish

Surface mount DALI driver rose, ø80mm, length 315mm.

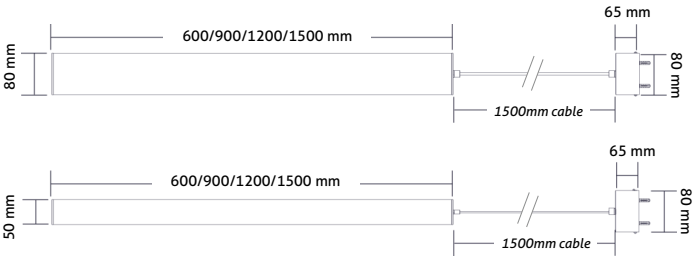
White, silver, black finish

DISTRIBUTION:

Kylindros 360, 1200mm ø50mm @ 30W

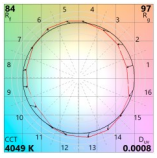


DIMENSIONS:



PHOTOMETRIC & COLOUR PERFORMANCE SUMMARIES:

Kylindros 360	Power (W)	Flux (lm)
600mm ø50mm	20	2,660
600mm ø80mm	20	2,600
900mm ø50mm	30	3,900
900mm ø80mm	30	3,900
1200mm ø50mm	30	3,900
1200mm ø80mm	30	3,900
1500mm ø50mm	40	5,200
1500mm ø80mm	40	5,200

Standard 840	Metric/s	Typical Values
	**Nominal CCT**	4000K
	CIE 13.3-1995	R_a 82 / R_9 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
1200mm ø80mm	LLMF	0.99	0.97	0.96	0.95	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81
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 > 41,000 hrs	$LaMF_{Combined}$	0.99	0.97	0.96	0.95	0.94	0.93	0.92	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.82	0.81

* 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.

FOS lighting
FOS Lighting Limited
2 Jarden Mile
Ngauranga, Wellington 6035
PO Box 12646

Thorndon, Wellington 6144
P: +64 4 499 3636
E: info@foslightingnz.co.nz
W: www.foslightingnz.co.nz