

Oculo LED Round Mono

Oculo LED V2 Round Mono Warm White - High Output
3032408



Product features

- Integrated LED adjustable gimbal downlight, single head, high output, ideal for retail and display applications, die-cast aluminium body, passive cooling heatsink, beam angle: 28°, optics: interchangeable aluminium reflector, colour temperature: 3000K warm white, total system power: 48W, total fixture output: 4191lm, 87lm/W, LOR: 100%, colour rendering: Ra 90 typical, LED Chromacity: 3 step MacAdam ellipse, lifetime: 50,000 hours at 70% of the original output (L70B50), energy class: A++, A+, A, IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, electronic driver, non-dimmable, electrical protection: CLASS II, ingress protection rating: IP20, suitable for internal environment only, horizontal rotation: 355°, vertical tilt: 45°, reflector accessories available, ceiling cut-out: Ø170mm, dimensions: Ø180x129mm, weight: 1.40kg.



PRODUCT OVERVIEW

IPC Code	3032408
Product name	Oculo LED V2 Round Mono Warm White - High Output
Technology	LED
Housing	Die cast Aluminium
Mount	Ceiling recessed
Environment	Internal
General application	Retail
Certifications	EUNEW008
E-number FI	4271373
Fixture luminous flux (lm)	4191
Luminaire efficacy (lm/W)	87
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	90
Colour Consistency (SDCM)	3
Beam Angle (°)	28
Photobiological Risk Group	Group 1
Total power consumption (W)	48
Electrical protection	Class II
Control gear type	Electronic
Average life (Nominal) (h)	50000
Housing colour	White - RAL9010
IP rating	IP20
IK rating	IK02
Product EAN number	8711971324089
Included lamp	INTEGRATED LED

DATA TABLE

General data

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General application	Retail
Certifications	EUNEW008
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Optical data

Fixture luminous flux (lm)	4191
Luminaire efficacy (lm/W)	87
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	90
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	28
Distribution type	Direct
Photobiological Risk Group	Group 1

Electrical data

Total power consumption (W)	48
Mains voltage (V)	220-240V~
Lamp power factor	0.95
Electrical protection	Class II
Control gear type	Electronic
Drive current (mA)	1200
Inrush Current (A)	20
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	28

Lifetime data

Average life (Nominal) (h)	50000
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Physical data

Vertical Tilt (°)	45
Horizontal rotation (°)	355
Housing colour	White - RAL9010
IP rating	IP20
IK rating	IK02
Reflector finish	Aluminium Reflector
Nominal Product Width (mm)	180
Weight (kg)	1.248
Recessed Depth (mm)	129

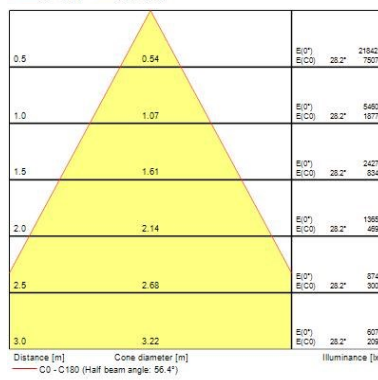
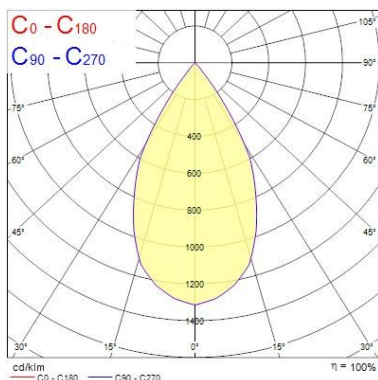
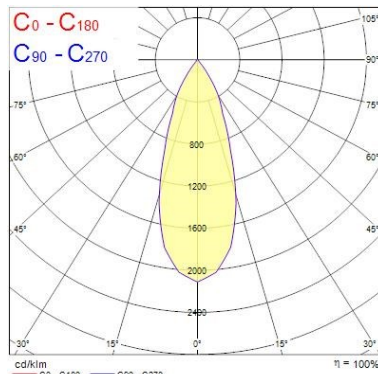
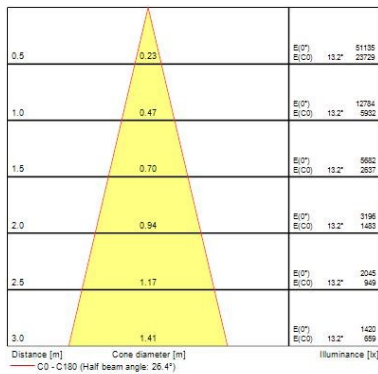
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Packaging

Single packaging type	Carton
Product EAN number	8711971324089
Packaging single length / height (cm)	25.0
Packaging single width (cm)	25.0
Packaging single depth (cm)	21.0
DUN14 (outer)	08711971324089
Units per outer package	1
Packaging outer length / height (cm)	25.0
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	21.0

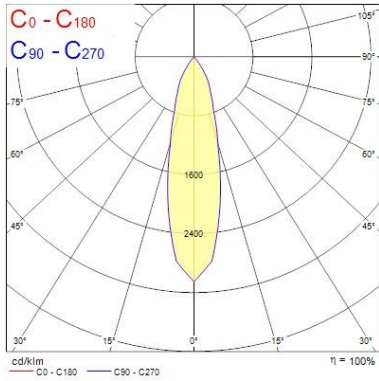
PHOTOMETRY



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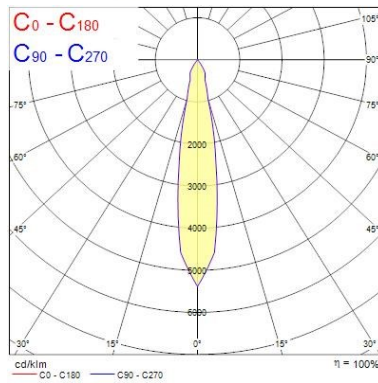


Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(9.5°)	Illuminance [lx]
0.5	0.17	91938	44582	
1.0	0.33	22972	11145	
1.5	0.50	10210	4954	
2.0	0.67	5743	2788	
2.5	0.84	3678	1783	
3.0	1.00	2552	1238	

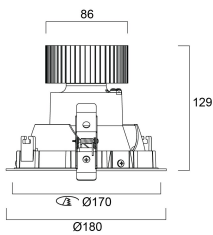
Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 9.5°)

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(15.0°)	Illuminance [lx]
0.5	0.33	34090	14577	
1.0	0.67	8522	3644	
1.5	1.00	3788	1620	
2.0	1.34	2131	911	
2.5	1.67	1364	583	
3.0	2.01	947	428	

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 15.0°)




TECHNICAL DRAWINGS




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Lumiance 3032408


 This luminaire contains built in LED lamps.

 } LED


The lamps cannot be changed in the luminaire.

874/2012 

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Lumiance 3032408  874/2012