

## Optimo Large - LED

Optimo Large LED WW LS1 WH  
3089943



### Product features

- Integrated LED spotlight for single circuit track (LS1) with unique 2 tone colour combinations made possible by body and trim concept. The twist and lock bezel design allows for quick and easy replacement of reflectors and / or filter. Die-cast aluminium body, 2,698LM, 24W, 112lm/W, 3000K, Driver Current: 600mA, CRI80, 36° beam angle, Non-dimmable LED driver, IP20, IK02, 50,000 hrs (L70), (HxDxW) 128x100x 55mm, 3 step MacAdam ellipse, 1.3kg, Matt White and Matt black, Class 2, 220-240V, energy class: A++, A+, A



### PRODUCT OVERVIEW

IPC Code	3089943
Product name	Optimo Large LED WW LS1 WH
Technology	LED
Housing	Die cast aluminium
Mount	LS1
Environment	Interior
General application	Retail
Certifications	EUNEW009
ETIM Class	EC001744
E-number FI	4170000
E-number SE	7416947
Fixture luminous flux (lm)	2698
Luminaire efficacy (lm/W)	112
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	36
Photobiological Risk Group	RG1
Total power consumption (W)	24
Electrical protection	Class II
Control gear type	Electronic
Average life (Nominal) (h)	50000
Housing colour	Black/Matte white
IP rating	IP20
IK rating	IK02
Product EAN number	8711971899433
Included lamp	INTEGRATED LED

### DATA TABLE

#### General data

IPC Code	3089943
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Product name	Optimo Large LED WW LS1 WH
Technology	LED
Housing	Die cast aluminium
Mount	LS1
Environment	Interior
General application	Retail
Operating temperature rated (°C)	25
Certifications	EUNEW009
ETIM Class	EC001744
E-number FI	4170000
E-number SE	7416947

### Optical data

Fixture luminous flux (lm)	2698
Luminaire efficacy (lm/W)	112
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Adjustable chromaticity	N
Beam Angle (°)	36
Distribution type	Direct
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	24
Equivalent watt (W)	36
Electrical protection	Class II
Control gear type	Electronic
Drive current (mA)	600
Inrush Current (A)	8
Inrush Duration (µs)	80
Glow Wire Test (°C)	850
Max. Luminaires per 16A C Breaker	40

### Lifetime data

Average life (Nominal) (h)	50000
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### Physical data

Vertical Tilt (°)	90
Horizontal rotation (°)	355
Housing colour	Black/Matte white
IP rating	IP20
IK rating	IK02
Weight (kg)	1.272

### Packaging

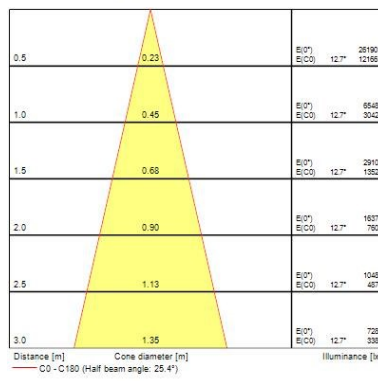
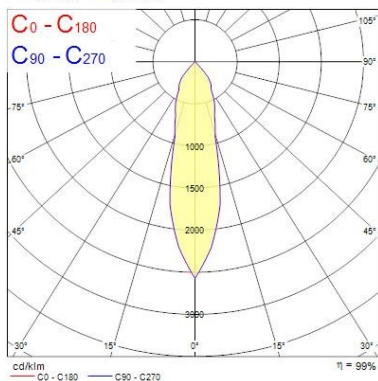
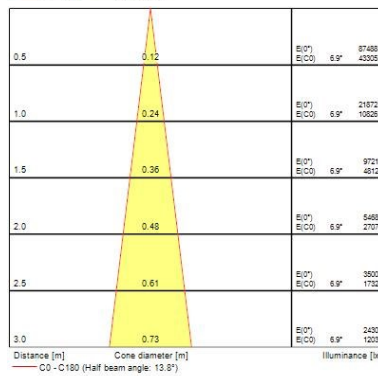
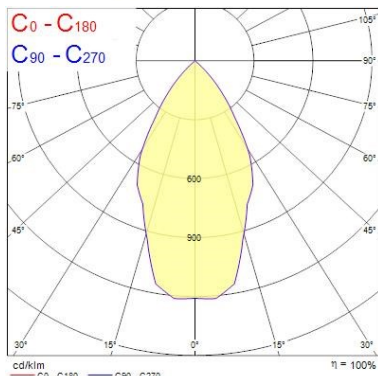
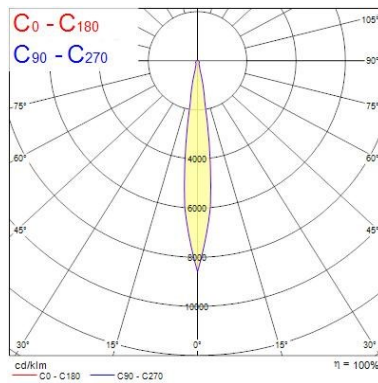
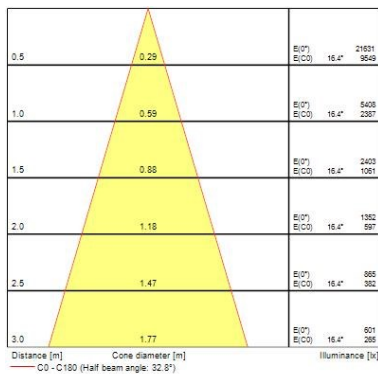
Single packaging type	Carton
Product EAN number	8711971899433

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Packaging single length / height (cm)	19.7
Packaging single width (cm)	20.9
Packaging single depth (cm)	17.0
DUN14 (outer)	08711971899433
Units per outer package	1
Packaging outer length / height (cm)	19.7
Packaging outer width (cm)	20.9
Packaging outer depth (cm)	17.0

## PHOTOMETRY



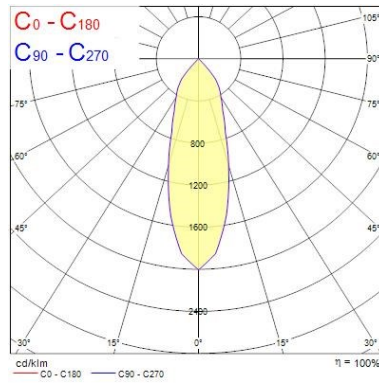
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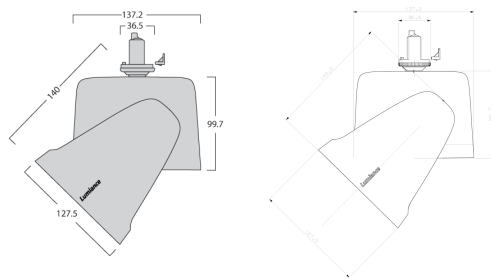
0.5	0.53	E(0°) E(C0)	25.1°	13347 4524
1.0	1.07	E(0°) E(C0)	25.1°	3337 1156
1.5	1.60	E(0°) E(C0)	25.1°	1453 514
2.0	2.14	E(0°) E(C0)	25.1°	534 209
2.5	2.67	E(0°) E(C0)	25.1°	534 105
3.0	3.20	E(0°) E(C0)	25.1°	371 125

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 56.2°)



## TECHNICAL DRAWINGS



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