

Optimo Small - LED

Optimo Small LED NW LS1 WH
3089925



Product features

- Compact 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, 1,644LM, 16W, 103lm/W, 4000K, Driver Current: 450mA, CRI80, 36° beam angle, Non-dimmable LED driver, IP20, IK02, 50,000 hrs (L70), (HxDxW) 78x100x 55mm, 3 step MacAdam ellipse, 0.8kg, Matt White and Matt black, Class 2, 220-240V, energy class: A++, A+, A



PRODUCT OVERVIEW

IPC Code	3089925
Product name	Optimo Small LED NW LS1 WH
Technology	LED
Housing	Die cast aluminium
Mount	LS1
Environment	Interior
General application	Retail
Certifications	EUNEW009
ETIM Class	EC001744
E-number FI	4170089
E-number SE	7416929
Fixture luminous flux (lm)	1644
Luminaire efficacy (lm/W)	103
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Beam Angle (°)	36
Photobiological Risk Group	RG1
Total power consumption (W)	16
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	8711971899259
Included lamp	INTEGRATED LED

DATA TABLE

General data

IPC Code	3089925
----------	---------

Optimo Small - LED

Optimo Small LED NW LS1 WH
3089925

Product name	Optimo Small LED NW 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	4170089
E-number SE	7416929

Optical data

Fixture luminous flux (lm)	1644
Luminaire efficacy (lm/W)	103
Colour temperature (K)	4000
Light colour	Neutral 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)	16
Equivalent watt (W)	20
Electrical protection	Class II
Control gear type	Electronic
Drive current (mA)	450
Inrush Current (A)	20
Inrush Duration (µs)	400
Glow Wire Test (°C)	850
Max. Luminaires per 16A C Breaker	40

Lifetime data

Average life (Nominal) (h)	50000
----------------------------	-------

Physical data

Vertical Tilt (°)	90
Horizontal rotation (°)	355
Housing colour	Black/Matte white
IP rating	IP20
IK rating	IK02
Weight (kg)	0.8

Packaging

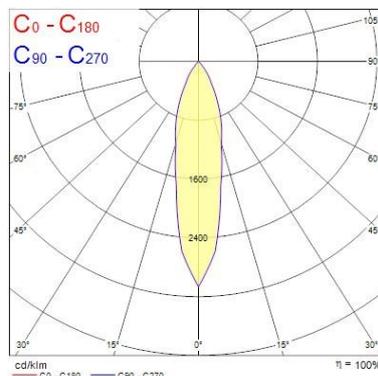
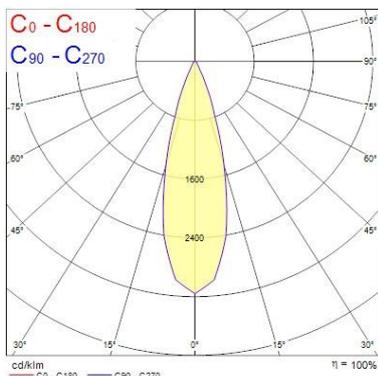
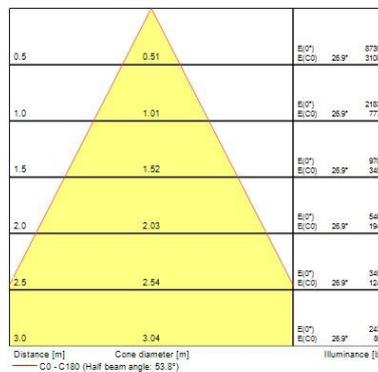
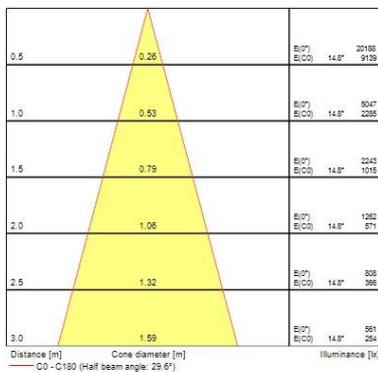
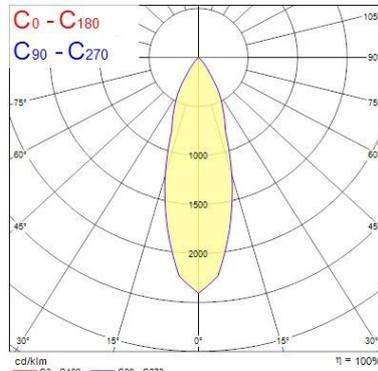
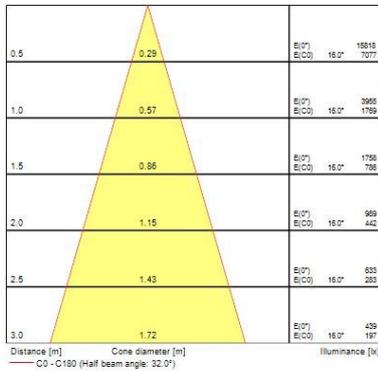
Single packaging type	Carton
Product EAN number	8711971899259

Optimo Small - LED

Optimo Small LED NW LS1 WH
3089925

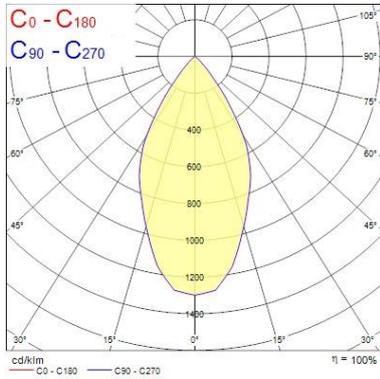
Packaging single length / height (cm)	17.5
Packaging single width (cm)	17.7
Packaging single depth (cm)	17.2
DUN14 (outer)	08711971899259
Units per outer package	1
Packaging outer length / height (cm)	17.5
Packaging outer width (cm)	17.7
Packaging outer depth (cm)	17.2

PHOTOMETRY



Optimo Small - LED

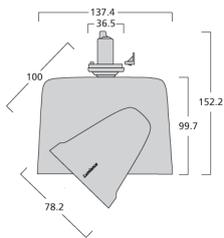
Optimo Small LED NW LS1 WH
3089925



0.5	0.21	E(0°) E(C0)	11.7°	20138 9464
1.0	0.41	E(0°) E(C0)	11.7°	5032 2266
1.5	0.62	E(0°) E(C0)	11.7°	2238 1082
2.0	0.83	E(0°) E(C0)	11.7°	1288 592
2.5	1.04	E(0°) E(C0)	11.7°	835 379
3.0	1.24	E(0°) E(C0)	11.7°	559 253

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 23.4°)

TECHNICAL DRAWINGS



Optimo Small - LED *Optimo Small LED NW LS1 WH* 3089925

Lumiance 3089925

 This luminaire contains built in LED lamps.

 } LED

The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.

 } LED

The lamps cannot be changed in the luminaire.

Lumiance 3089925  874/2012