

OPTIX SURFACE 1500 MPO D/I 4000K DALI

Code article 2021698

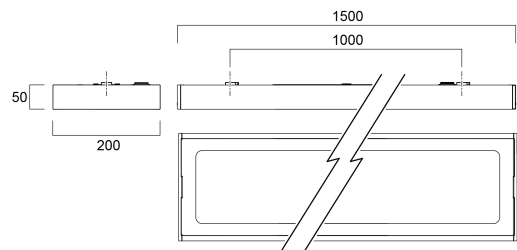
Concord



OPTIX SURFACE 1500 MPO D/I 4000K DALI is a high efficacy low glare suspended LED Linear luminaire with Micro Prismatic diffuser, with direct/indirect light distribution, luminaire dimensions: 1500x200x50mm, Sylvania White body colour (RAL9016), IP20, IK07, DALI Dimmable, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 6650lm luminous flux, 65/35 D/I light distribution ratio, 49W power consumption, 136lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m², lumen maintenance: L90B50 at 71000h, photobiological safety risk group 1. Electrical protection Class I.

Atouts techniques

Dimensions (mm)



Photométrie

0.5		0.71 0.69		1.41 1.37	$\frac{E(0^\circ)}{E(30^\circ)}$ 11237 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 3089 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 3050
					$\frac{E(0^\circ)}{E(30^\circ)}$ 3025 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 787 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 767
1.0		2.12 2.06		2.82 2.75	$\frac{E(0^\circ)}{E(30^\circ)}$ 1249 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 341 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 331
					$\frac{E(0^\circ)}{E(30^\circ)}$ 702 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 192 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 187
1.5		3.53 3.44		4.23 4.12	$\frac{E(0^\circ)}{E(30^\circ)}$ 449 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 123 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 125
					$\frac{E(0^\circ)}{E(30^\circ)}$ 312 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 68 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 67
Distance [m]		Cone diameter [m]			Illuminance [lx]
0.5		0.71 0.69		1.41 1.37	$\frac{E(0^\circ)}{E(30^\circ)}$ 11237 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 3089 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 3050
1.0		2.12 2.06		2.82 2.75	$\frac{E(0^\circ)}{E(30^\circ)}$ 1249 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 341 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 331
1.5		3.53 3.44		4.23 4.12	$\frac{E(0^\circ)}{E(30^\circ)}$ 449 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 123 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 125
2.0		7.06 6.88		8.84 8.55	$\frac{E(0^\circ)}{E(30^\circ)}$ 312 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 68 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 67
2.5		10.94 10.55		12.71 12.22	$\frac{E(0^\circ)}{E(30^\circ)}$ 232 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 52 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 51
3.0		14.13 13.54		15.59 14.85	$\frac{E(0^\circ)}{E(30^\circ)}$ 185 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 41 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 40
3.5		16.25 15.56		17.66 16.87	$\frac{E(0^\circ)}{E(30^\circ)}$ 150 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 34 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 33
4.0		18.37 17.58		19.78 18.79	$\frac{E(0^\circ)}{E(30^\circ)}$ 125 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 28 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 27
4.5		20.49 19.50		21.90 20.81	$\frac{E(0^\circ)}{E(30^\circ)}$ 105 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 23 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 22
5.0		22.61 21.52		24.02 22.83	$\frac{E(0^\circ)}{E(30^\circ)}$ 90 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 19 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 18
5.5		23.31 22.14		24.73 23.75	$\frac{E(0^\circ)}{E(30^\circ)}$ 78 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 16 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 15
6.0		24.02 22.83		26.14 24.85	$\frac{E(0^\circ)}{E(30^\circ)}$ 68 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 14 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 13
6.5		24.73 23.75		26.85 25.56	$\frac{E(0^\circ)}{E(30^\circ)}$ 60 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 12 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 11
7.0		25.43 24.14		28.26 27.07	$\frac{E(0^\circ)}{E(30^\circ)}$ 53 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 10 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 9
7.5		26.14 24.85		29.67 28.38	$\frac{E(0^\circ)}{E(30^\circ)}$ 47 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 8 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 7
8.0		26.85 25.56		31.02 29.63	$\frac{E(0^\circ)}{E(30^\circ)}$ 42 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 7 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 6
8.5		27.55 26.16		32.57 30.87	$\frac{E(0^\circ)}{E(30^\circ)}$ 38 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 6 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 5
9.0		28.26 26.85		34.63 32.69	$\frac{E(0^\circ)}{E(30^\circ)}$ 34 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 5 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 4
9.5		28.97 27.07		36.71 34.63	$\frac{E(0^\circ)}{E(30^\circ)}$ 31 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 4 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 3
10.0		29.67 27.55		38.81 36.69	$\frac{E(0^\circ)}{E(30^\circ)}$ 28 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 3 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 2
10.5		30.38 28.07		40.94 38.75	$\frac{E(0^\circ)}{E(30^\circ)}$ 25 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 2 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 2
11.0		31.09 28.76		43.10 40.87	$\frac{E(0^\circ)}{E(30^\circ)}$ 22 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 2 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
11.5		31.79 29.07		45.22 42.99	$\frac{E(0^\circ)}{E(30^\circ)}$ 20 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
12.0		32.50 29.38		47.33 45.11	$\frac{E(0^\circ)}{E(30^\circ)}$ 18 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
12.5		33.21 30.09		49.46 47.24	$\frac{E(0^\circ)}{E(30^\circ)}$ 16 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
13.0		33.91 30.80		51.59 49.37	$\frac{E(0^\circ)}{E(30^\circ)}$ 15 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
13.5		34.62 31.51		53.72 51.50	$\frac{E(0^\circ)}{E(30^\circ)}$ 14 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
14.0		35.33 32.22		55.85 53.63	$\frac{E(0^\circ)}{E(30^\circ)}$ 13 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
14.5		36.03 32.93		57.98 55.76	$\frac{E(0^\circ)}{E(30^\circ)}$ 12 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
15.0		36.74 33.64		60.11 57.89	$\frac{E(0^\circ)}{E(30^\circ)}$ 11 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
15.5		37.45 34.35		62.24 60.02	$\frac{E(0^\circ)}{E(30^\circ)}$ 10 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
16.0		38.15 35.06		64.37 62.15	$\frac{E(0^\circ)}{E(30^\circ)}$ 9 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
16.5		38.86 35.77		66.50 64.28	$\frac{E(0^\circ)}{E(30^\circ)}$ 8 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
17.0		39.57 36.48		68.63 66.41	$\frac{E(0^\circ)}{E(30^\circ)}$ 7 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
17.5		40.27 37.19		70.76 68.54	$\frac{E(0^\circ)}{E(30^\circ)}$ 6 $\frac{E(0^\circ)}{E(30^\circ)}$ 32.2° 1 $\frac{E(0^\circ)}{E(30^\circ)}$ 31.2° 1
18					

OPTIX SURFACE 1500 MPO D/I 4000K DALI

Code article 2021698

Concord

Données générales

Nom du produit	OPTIX SURFACE 1500 MPO D/I 4000K DALI
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Suspended
Built in presence detector	NONE
General application	Office, Education
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	6650
Luminaire efficacy (lm/W)	136
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Caractéristiques électriques

Emergency type	
Consommation électrique totale (W)	52
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.99
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear required	No
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	300
Courant d'appel (A)	23
Inrush Duration (µs)	174
Energy Efficiency Class (A->G) of contained light source	C, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

OPTIX SURFACE 1500 MPO D/I 4000K DALI

Code article 2021698

Concord

Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	71000

Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Finition réflecteur	Not Applicable
Longueur (mm)	1500
Largeur (mm)	200
Nominal Product Height (mm)	50
Poids (kg)	5.5

Emballage

Product EAN number	5025768216987
Longueur simple de l'emballage (cm)	155.0
Largeur simple de l'emballage (cm)	9.0
Packaging single depth (cm)	21.0
DUN14 (inner)	05025768216987
Units per outer package	1
Packaging outer length / height (cm)	155.0
Packaging outer width (cm)	9.0
Packaging outer depth (cm)	21.0

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	10-25