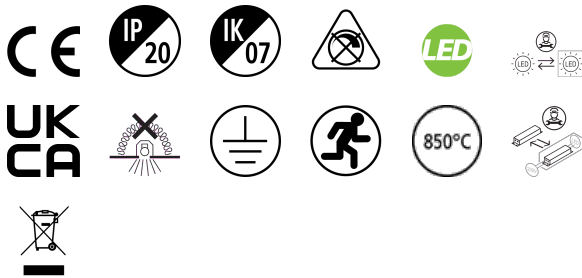


OPTIX SURFACE 1200 MPO D/I 4000K EM

Artikelnummer 2021669

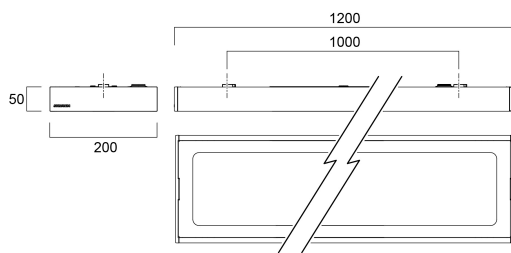
Concord



OPTIX SURFACE 1200 MPO D/I 4000K EM is a high efficacy low glare suspended LED Linear luminaire with Micro Prismatic diffuser, with direct/indirect light distribution, luminaire dimensions: 1200x200x50mm, Sylvania White body colour (RAL9016), IP20, IK07, Constant current driver, 3hr maintained emergency version, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4900lm luminous flux, 60/40 D/I light distribution ratio, 39W power consumption, 125lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<17, Luminance at 65° < 3000 cd/m², lifespan: 58,000 hours L90B10, photobiological safety risk group 1. Electrical protection Class I.

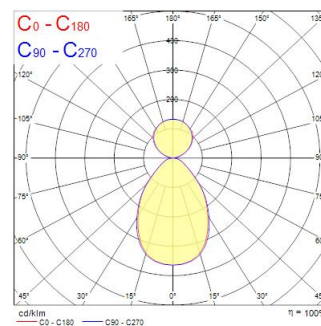
Technische Werte

Größe (mm)



Photometrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Illuminance [lx]
0.5	0.79	75.0°	0.77	2.53	27.2"	1737
1.0	1.57	75.0°	1.53	5.02	54.4"	434
1.5	2.36	75.0°	2.30	7.54	81.6"	188
2.0	3.15	75.0°	3.07	10.07	108.8"	112
2.5	3.93	75.0°	3.84	12.59	136.0"	71
3.0	4.72	75.0°	4.60	15.11	163.2"	48
3.5	5.51	75.0°	5.37	17.63	190.4"	35
4.0	6.30	75.0°	6.14	20.15	217.6"	28
4.5	7.09	75.0°	6.91	22.67	244.8"	22
5.0	7.88	75.0°	7.68	25.19	272.0"	18
5.5	8.67	75.0°	8.45	27.71	299.2"	15
6.0	9.46	75.0°	9.22	30.23	326.4"	12
6.5	10.25	75.0°	9.99	32.75	353.6"	10
7.0	11.04	75.0°	10.76	35.27	380.8"	8
7.5	11.83	75.0°	11.53	37.79	408.0"	7
8.0	12.62	75.0°	12.30	40.31	435.2"	6
8.5	13.41	75.0°	13.07	42.83	462.4"	5
9.0	14.20	75.0°	13.84	45.35	489.6"	4
9.5	14.99	75.0°	14.61	47.87	516.8"	3
10.0	15.78	75.0°	15.38	50.39	544.0"	3
10.5	16.57	75.0°	16.15	52.91	571.2"	2
11.0	17.36	75.0°	16.92	55.43	598.4"	2
11.5	18.15	75.0°	17.69	57.95	625.6"	1
12.0	18.94	75.0°	18.46	60.47	652.8"	1
12.5	19.73	75.0°	19.23	62.99	680.0"	1
13.0	20.52	75.0°	20.00	65.51	707.2"	1
13.5	21.31	75.0°	20.77	68.03	734.4"	1
14.0	22.10	75.0°	21.54	70.55	761.6"	1
14.5	22.89	75.0°	22.31	73.07	788.8"	1
15.0	23.68	75.0°	23.08	75.59	816.0"	1
15.5	24.47	75.0°	23.85	78.11	843.2"	1
16.0	25.26	75.0°	24.62	80.63	870.4"	1
16.5	26.05	75.0°	25.39	83.15	897.6"	1
17.0	26.84	75.0°	26.16	85.67	924.8"	1
17.5	27.63	75.0°	26.93	88.19	952.0"	1
18.0	28.42	75.0°	27.70	90.71	979.2"	1
18.5	29.21	75.0°	28.47	93.23	1006.4"	1
19.0	30.00	75.0°	29.24	95.75	1033.6"	1
19.5	30.79	75.0°	30.01	98.27	1060.8"	1
20.0	31.58	75.0°	30.78	100.79	1088.0"	1
20.5	32.37	75.0°	31.55	103.31	1115.2"	1
21.0	33.16	75.0°	32.32	105.83	1142.4"	1
21.5	33.95	75.0°	33.09	108.35	1169.6"	1
22.0	34.74	75.0°	33.86	110.87	1196.8"	1
22.5	35.53	75.0°	34.63	113.39	1224.0"	1
23.0	36.32	75.0°	35.40	115.91	1251.2"	1
23.5	37.11	75.0°	36.17	118.43	1278.4"	1
24.0	37.90	75.0°	36.94	120.95	1305.6"	1
24.5	38.69	75.0°	37.71	123.47	1332.8"	1
25.0	39.48	75.0°	38.48	125.99	1360.0"	1
25.5	40.27	75.0°	39.25	128.51	1387.2"	1
26.0	41.06	75.0°	40.02	131.03	1414.4"	1
26.5	41.85	75.0°	40.79	133.55	1441.6"	1
27.0	42.64	75.0°	41.56	136.07	1468.8"	1
27.5	43.43	75.0°	42.33	138.59	1496.0"	1
28.0	44.22	75.0°	43.10	141.11	1523.2"	1
28.5	45.01	75.0°	43.87	143.63	1550.4"	1
29.0	45.80	75.0°	44.64	146.15	1577.6"	1
29.5	46.59	75.0°	45.41	148.67	1604.8"	1
30.0	47.38	75.0°	46.18	151.19	1632.0"	1
30.5	48.17	75.0°	46.95	153.71	1659.2"	1
31.0	48.96	75.0°	47.72	156.23	1686.4"	1
31.5	49.75	75.0°	48.49	158.75	1713.6"	1
32.0	50.54	75.0°	49.26	161.27	1740.8"	1
32.5	51.33	75.0°	50.03	163.79	1768.0"	1
33.0	52.12	75.0°	50.80	166.31	1795.2"	1
33.5	52.91	75.0°	51.57	168.83	1822.4"	1
34.0	53.70	75.0°	52.34	171.35	1849.6"	1
34.5	54.49	75.0°	53.11	173.87	1876.8"	1
35.0	55.28	75.0°	53.88	176.39	1904.0"	1
35.5	56.07	75.0°	54.65	178.91	1931.2"	1
36.0	56.86	75.0°	55.42	181.43	1958.4"	1
36.5	57.65	75.0°	56.19	183.95	1985.6"	1
37.0	58.44	75.0°	56.96	186.47	2012.8"	1
37.5	59.23	75.0°	57.73	188.99	2040.0"	1
38.0	60.02	75.0°	58.50	191.51	2067.2"	1
38.5	60.81	75.0°	59.27	194.03	2094.4"	1
39.0	61.60	75.0°	60.04	196.55	2121.6"	1
39.5	62.39	75.0°	60.81	199.07	2148.8"	1
40.0	63.18	75.0°	61.58	201.59	2176.0"	1
40.5	63.97	75.0°	62.35	204.11	2203.2"	1
41.0	64.76	75.0°	63.12	206.63	2230.4"	1
41.5	65.55	75.0°	63.89	209.15	2257.6"	1
42.0	66.34	75.0°	64.66	211.67	2284.8"	1
42.5	67.13	75.0°	65.43	214.19	2312.0"	1
43.0	67.92	75.0°	66.20	216.71	2339.2"	1
43.5	68.71	75.0°	66.97	219.23	2366.4"	1
44.0	69.50	75.0°	67.74	221.75	2393.6"	1
44.5	70.29	75.0°	68.51	224.27	2420.8"	1
45.0	71.08	75.0°	69.28	226.79	2448.0"	1
45.5	71.87	75.0°	70.05	229.31	2475.2"	1
46.0	72.66	75.0°	70.82	231.83	2502.4"	1
46.5	73.45	75.0°	71.59	234.35	2529.6"	1
47.0	74.24	75.0°	72.36	236.87	2556.8"	1
47.5	75.03	75.0°	73.13	239.39	2584.0"	1
48.0	75.82	75.0°	73.90	241.91	2611.2"	1
48.5	76.61	75.0°	74.67	244.43	2638.4"	1
49.0	77.40	75.0°	75.44	246.95	2665.6"	1
49.5	78.19	75.0°	76.21	249.47	2692.8"	1
50.0	78.98	75.0°	76.98	251.99	2720.0"	1



OPTIX SURFACE 1200 MPO D/I 4000K EM

Artikelnummer 2021669

Concord

Allgemeine Daten

Produktname	OPTIX SURFACE 1200 MPO D/I 4000K EM
Technologie	LED
Sockel	N/A
Gehäuse	Steel
Montage	Suspended
Built in presence detector	NONE
Allgemeine Anwendungsbereiche	Education, Office
Umgebungstemperaturbereich	10°C...+25°C
Betriebstemperatur (°C)	25
Virtual assistant compatibility	N/A
ETIM Klasse	EC002892
Garantie	5 Jahre

Optische Daten

Leuchtenlichtstrom (lm)	4900
Systemeffizienz (lm/W)	125
Farbtemperatur (K)	4000
Lichtfarbe	Neutral White
Farbwiedergabeindex (Ra)	80
Farbkonsistenz (SDCM)	SDCM3
Distributionstyp	Symmetric
Blendungsbegrenzung	< 18
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	80
Dauer Notbeleuchtung (h)	3

Elektrische Daten

Leistungsaufnahme gesamt (W)	39
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Leistungsfaktor der Lampe	0.95
THD (bei 230V, 50Hz, bei 100% Dimm-Level)	15
Elektrische Schutzklasse	Class I
Vorschaltgerät benötigt	No
Betriebsgerätetyp	LED driver constant current
Dimmbar	No
Dimming method	N/A
Stromstärke (mA)	250
Einschaltstrom (A)	28
Dauer Einschaltstrom (µs)	150
Energy Efficiency Class (A->G) of contained light source	C
Nennfrequenz (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Anzahl Leuchten pro 10A C Sicherung	22
Max. Anzahl Leuchten pro 13A C Sicherung	28
Max. Anzahl Leuchten pro 16A C Sicherung	37
Max. Anzahl Leuchten pro 20A C Sicherung	48
Max. Anzahl Leuchten pro 10A B Sicherung	13
Max. Anzahl Leuchten pro 13A B Sicherung	17
Max. Anzahl Leuchten pro 16A B Sicherung	22
Max. Anzahl Leuchten pro 20A B Sicherung	29
Connectable conductor cross section - Max (mm ²)	1.5

OPTIX SURFACE 1200 MPO D/I 4000K EM

Artikelnummer 2021669

Concord

Lifetime data

Lebensdauer - L70B50	238000
Lebensdauer - L80B20	130000
Lebensdauer - L90B10	58000

Physikalische Daten

Gehäusefarbe	RAL 9016 - Traffic white / Bezel
IP Schutzart	IP20
IK Schutzart	IK07
Diffusor	Prismatic
Diffusormaterial	PMMA Acrylic
Länge (mm)	1200
Breite (mm)	200
Nominale Produkthöhe (mm)	50
Gewicht (kg)	4.8

Packaging

EAN Code	5025768216697
Einzelverpackung Länge (cm)	122.0
Einzelverpackung Breite (cm)	22.5
Einzelverpackung Tiefe (cm)	6.8
DUN 14 (außen)	05025768216697
Anzahl an Einheiten je Außenverpackung	1
Außenverpackung Länge (cm)	122.0
Außenverpackung Breite (cm)	22.5
Außenverpackung Tiefe (cm)	6.8

Safety data

Glühdrahttest (°C)	850
Optimale Betriebstemperatur (°C)	10-25