

OPTIX SURFACE 1500 MPO D 4000K

Item No: 2021702

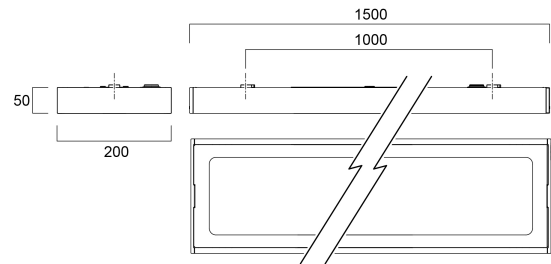
Concord



OPTIX SURFACE 1500 MPO D 4000K is a high efficacy low glare surface or suspended LED Linear luminaire with Micro Prismatic diffuser, with direct light distribution, luminaire dimensions: 1500x200x50mm, Sylvania White body colour (RAL9016), IP20, IK07, Constant Current driver, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4350lm luminous flux, 36W power consumption, 121lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<20, Luminance at 65° < 3000 cd/m², lumen maintenance: L90B50 at 71000h, photobiological safety risk group 1. Electrical protection Class I.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [in]	Beam diameter [ft]	Beam diameter [m]	Beam diameter [in]	Beam diameter [ft]	Beam diameter [m]	Beam diameter [in]	Beam diameter [ft]
0.5	0.70	68.8°	0.68	27.1"	2.2'	0.68	27.1"	2.2'	0.68	27.1"	2.2'
1.0	1.41	68.8°	1.37	54.4"	4.4'	1.37	54.4"	4.4'	1.37	54.4"	4.4'
1.5	2.11	68.8°	2.05	81.6"	6.6'	2.05	81.6"	6.6'	2.05	81.6"	6.6'
2.0	2.81	68.8°	2.74	108.8"	8.8'	2.74	108.8"	8.8'	2.74	108.8"	8.8'
2.5	3.51	68.8°	3.42	136.0"	11.0'	3.42	136.0"	11.0'	3.42	136.0"	11.0'
3.0	4.22	68.8°	4.11	163.2"	13.2'	4.11	163.2"	13.2'	4.11	163.2"	13.2'
3.5	4.92	68.8°	4.81	190.4"	15.4'	4.81	190.4"	15.4'	4.81	190.4"	15.4'
4.0	5.62	68.8°	5.51	217.6"	17.6'	5.51	217.6"	17.6'	5.51	217.6"	17.6'
4.5	6.32	68.8°	6.21	244.8"	19.8'	6.21	244.8"	19.8'	6.21	244.8"	19.8'
5.0	7.02	68.8°	6.91	272.0"	22.0'	6.91	272.0"	22.0'	6.91	272.0"	22.0'
5.5	7.72	68.8°	7.61	299.2"	24.2'	7.61	299.2"	24.2'	7.61	299.2"	24.2'
6.0	8.42	68.8°	8.31	326.4"	26.4'	8.31	326.4"	26.4'	8.31	326.4"	26.4'
6.5	9.12	68.8°	9.01	353.6"	28.6'	9.01	353.6"	28.6'	9.01	353.6"	28.6'
7.0	9.82	68.8°	9.71	380.8"	30.8'	9.71	380.8"	30.8'	9.71	380.8"	30.8'
7.5	10.52	68.8°	10.41	408.0"	33.0'	10.41	408.0"	33.0'	10.41	408.0"	33.0'
8.0	11.22	68.8°	11.11	435.2"	35.2'	11.11	435.2"	35.2'	11.11	435.2"	35.2'
8.5	11.92	68.8°	11.81	462.4"	37.4'	11.81	462.4"	37.4'	11.81	462.4"	37.4'
9.0	12.62	68.8°	12.51	489.6"	39.6'	12.51	489.6"	39.6'	12.51	489.6"	39.6'
9.5	13.32	68.8°	13.21	516.8"	41.8'	13.21	516.8"	41.8'	13.21	516.8"	41.8'
10.0	14.02	68.8°	13.91	544.0"	44.0'	13.91	544.0"	44.0'	13.91	544.0"	44.0'
10.5	14.72	68.8°	14.61	571.2"	46.2'	14.61	571.2"	46.2'	14.61	571.2"	46.2'
11.0	15.42	68.8°	15.31	598.4"	48.4'	15.31	598.4"	48.4'	15.31	598.4"	48.4'
11.5	16.12	68.8°	16.01	625.6"	50.6'	16.01	625.6"	50.6'	16.01	625.6"	50.6'
12.0	16.82	68.8°	16.71	652.8"	52.8'	16.71	652.8"	52.8'	16.71	652.8"	52.8'
12.5	17.52	68.8°	17.41	680.0"	55.0'	17.41	680.0"	55.0'	17.41	680.0"	55.0'
13.0	18.22	68.8°	18.11	707.2"	57.2'	18.11	707.2"	57.2'	18.11	707.2"	57.2'
13.5	18.92	68.8°	18.81	734.4"	59.4'	18.81	734.4"	59.4'	18.81	734.4"	59.4'
14.0	19.62	68.8°	19.51	761.6"	61.6'	19.51	761.6"	61.6'	19.51	761.6"	61.6'
14.5	20.32	68.8°	20.21	788.8"	63.8'	20.21	788.8"	63.8'	20.21	788.8"	63.8'
15.0	21.02	68.8°	20.91	816.0"	66.0'	20.91	816.0"	66.0'	20.91	816.0"	66.0'
15.5	21.72	68.8°	21.61	843.2"	68.2'	21.61	843.2"	68.2'	21.61	843.2"	68.2'
16.0	22.42	68.8°	22.31	870.4"	70.4'	22.31	870.4"	70.4'	22.31	870.4"	70.4'
16.5	23.12	68.8°	23.01	897.6"	72.6'	23.01	897.6"	72.6'	23.01	897.6"	72.6'
17.0	23.82	68.8°	23.71	924.8"	74.8'	23.71	924.8"	74.8'	23.71	924.8"	74.8'
17.5	24.52	68.8°	24.41	952.0"	77.0'	24.41	952.0"	77.0'	24.41	952.0"	77.0'
18.0	25.22	68.8°	25.11	979.2"	79.2'	25.11	979.2"	79.2'	25.11	979.2"	79.2'
18.5	25.92	68.8°	25.81	1006.4"	81.4'	25.81	1006.4"	81.4'	25.81	1006.4"	81.4'
19.0	26.62	68.8°	26.51	1033.6"	83.6'	26.51	1033.6"	83.6'	26.51	1033.6"	83.6'
19.5	27.32	68.8°	27.21	1060.8"	85.8'	27.21	1060.8"	85.8'	27.21	1060.8"	85.8'
20.0	28.02	68.8°	27.91	1088.0"	88.0'	27.91	1088.0"	88.0'	27.91	1088.0"	88.0'
20.5	28.72	68.8°	28.61	1115.2"	90.2'	28.61	1115.2"	90.2'	28.61	1115.2"	90.2'
21.0	29.42	68.8°	29.31	1142.4"	92.4'	29.31	1142.4"	92.4'	29.31	1142.4"	92.4'
21.5	30.12	68.8°	30.01	1169.6"	94.6'	30.01	1169.6"	94.6'	30.01	1169.6"	94.6'
22.0	30.82	68.8°	30.71	1196.8"	96.8'	30.71	1196.8"	96.8'	30.71	1196.8"	96.8'
22.5	31.52	68.8°	31.41	1224.0"	99.0'	31.41	1224.0"	99.0'	31.41	1224.0"	99.0'
23.0	32.22	68.8°	32.11	1251.2"	101.2'	32.11	1251.2"	101.2'	32.11	1251.2"	101.2'
23.5	32.92	68.8°	32.81	1278.4"	103.4'	32.81	1278.4"	103.4'	32.81	1278.4"	103.4'
24.0	33.62	68.8°	33.51	1305.6"	105.6'	33.51	1305.6"	105.6'	33.51	1305.6"	105.6'
24.5	34.32	68.8°	34.21	1332.8"	107.8'	34.21	1332.8"	107.8'	34.21	1332.8"	107.8'
25.0	35.02	68.8°	34.91	1360.0"	110.0'	34.91	1360.0"	110.0'	34.91	1360.0"	110.0'
25.5	35.72	68.8°	35.61	1387.2"	112.2'	35.61	1387.2"	112.2'	35.61	1387.2"	112.2'
26.0	36.42	68.8°	36.31	1414.4"	114.4'	36.31	1414.4"	114.4'	36.31	1414.4"	114.4'
26.5	37.12	68.8°	37.01	1441.6"	116.6'	37.01	1441.6"	116.6'	37.01	1441.6"	116.6'
27.0	37.82	68.8°	37.71	1468.8"	118.8'	37.71	1468.8"	118.8'	37.71	1468.8"	118.8'
27.5	38.52	68.8°	38.41	1496.0"	121.0'	38.41	1496.0"	121.0'	38.41	1496.0"	121.0'
28.0	39.22	68.8°	39.11	1523.2"	123.2'	39.11	1523.2"	123.2'	39.11	1523.2"	123.2'
28.5	39.92	68.8°	39.81	1550.4"	125.4'	39.81	1550.4"	125.4'	39.81	1550.4"	125.4'
29.0	40.62	68.8°	40.51	1577.6"	127.6'	40.51	1577.6"	127.6'	40.51	1577.6"	127.6'
29.5	41.32	68.8°	41.21	1604.8"	129.8'	41.21	1604.8"	129.8'	41.21	1604.8"	129.8'
30.0	42.02	68.8°	41.91	1632.0"	132.0'	41.91	1632.0"	132.0'	41.91	1632.0"	132.0'
30.5	42.72	68.8°	42.61	1659.2"	134.2'	42.61	1659.2"	134.2'	42.61	1659.2"	134.2'
31.0	43.42	68.8°	43.31	1686.4"	136.4'	43.31	1686.4"	136.4'	43.31	1686.4"	136.4'
31.5	44.12	68.8°	44.01	1713.6"	138.6'	44.01	1713.6"	138.6'	44.01	1713.6"	138.6'
32.0	44.82	68.8°	44.71	1740.8"	140.8'	44.71	1740.8"	140.8'	44.71	1740.8"	140.8'
32.5	45.52	68.8°	45.41	1768.0"	143.0'	45.41	1768.0"	143.0'	45.41	1768.0"	143.0'
33.0	46.22	68.8°	46.11	1795.2"	145.2'	46.11	1795.2"	145.2'	46.11	1795.2"	145.2'
33.5	46.92	68.8°	46.81	1822.4"	147.4'	46.81	1822.4"	147.4'	46.81	1822.4"	147.4'
34.0	47.62	68.8°	47.51	1849.6"	149.6'	47.51	1849.6"	149.6'	47.51	1849.6"	149.6'
34.5	48.32	68.8°	48.21	1876.8"	151.8'	48.21	1876.8"	151.8'	48.21	1876.8"	151.8'
35.0	49.02	68.8°	48.91	1904.0"	154.0'	48.91	1904.0"	154.0'	48.91	1904.0"	154.0'
35.5	49.72	68.8°	49.61	1931.2"	156.2'	49.61	1931.2"	156.2'	49.61	1931.2"	156.2'
36.0	50.42	68.8°	50.31	1958.4"	158.4'	50.31	1958.4"	158.4'	50.31	1958.4"	158.4'
36.5	51.12	68.8°	51.01	1985.6"	160.6'	51.01	1985.6"	160.6'	51.01	1985.6"	160.6'
37.0	51.82	68.8°	51.71	2012.8"	162.8'	51.71	2012.8"	162.8'	51.71	2012.8"	162.8'
37.5	52.52	68.8°	52.41	2040.0"	165.0'	52.41	2040.0"	165.0'	52.41	2040.0"	165.0'
38.0	53.22	68.8°	53.11	2067.2"	167.2'	53.11	2067.2"	167.2'	53.11	2067.2"	167.2'
38.5	53.92	68.8°	53.81	2094.4"	169.4'	53.81	2094.4"	169.4'	53.81	2094.4"	169.4'
39.0	54.62	68.8°	54.51	2121.6"	171.6'	54.51	2121.6"	171.6'	54.51	2121.6"	171.6'
39.5	55.32	68.8°	55.21	2148.8"	173.8'	55.21	2148.8"	173.8'	55.21	2148.8"	173.8'
40.0	56.02	68.8°	55.91	2176.0"	176.0'	55.91	2176.0"	176.0'	55.91	2176.0"	176.0'
40.5	56.72	68.8°	56.61	2203.2"	178.2'	56.61	2203.2"	178.2'	56.61	2203.2"	178.2'
41.0	57.42	68.8°	57.31	2230.4"	180.4'	57.31	2230.4"	180.4'	57.31	2230.4"	180.4'
41.5	58.12	68.8°	58.01	2257.6"	182.6'	58.01	2257.6"	182.6'	58.01	2257.6"	182.6'
42.0	58.82	68.8°	58.71	2284.8"	184.8'	58.71	2284.8"	184.8'	58.71	2284.8"	184.8'
42.5	59.52	68.8°	59.41	2312.0"	187.0'	59.41	2312.0"	187.0'	59.41	2312.0"	187.0'
43.0	60.22	68.8°	60.11	2339.2"	189.2'	60.11	2339.2"	189.2'	60.11	2339.2"	189.2'
43.5	60.92	68.8°	60.81	2366.4"	191.4'	60.81	2366.4"	191.4'	60.81	2366.4"	191.4'
44.0	61.62	68.8°	61.51	2393.6"	193.6'	61.51	2393.6"	193.6'	61.51	2393.6"	193.6'
44.5	62.32	68.8°	62.21	2420.8"	195.8'	62.21	2420.8"	195.8'	62.21	2420.8"	195.8'
45.0	63.02	68.8°	62.91	2448.0"	198.0'	62.91	2448.0"	198.0'	62.91	2448.0"	198.0'
45.5	63.72	68.8°	63.61	2475.2"	200.2'	63.61	2475.2"	200.2'	63.61	2475.2"	200.2'
46.0	64.42	68.8°	64.31	2502.4"	202.4'	64.31	2502.4"	202.4'	64.31	2502.4"	202.4'
46.5	65.12	68.8°	65.01	2529.6"	204.6'	65.01	2529.6"	204.6'	65.01	2529.6"	204.6'
47.0	65.82	68.8°	65.71	2556.8"	206.8'	65.71	2556.8"	206.8'	65.71	2556.8"	206.8'
47.5	66.52	68.8°	66.41	2584.0"	209.0'	66.41	2584.0"	209.0'	66.41	2584.0"	209.0'
48.0	67.22	68.8°	67.11	2611.2"	211.2'	67.11	2611.2"	211.2'	67.11	2611.2"	211.2'
48.5	67.92	68.8°	67.81	2638.4"	213.4'	67.81	2638.4"	213.4'	67.81	2638.4"	213.4'
49.0	68.62	68.8°	68.51	2665.6"	215.6'	68.51	2665.6"	215.6'	68.51	2665.6"	215.6'
49.5	69.32	68.8°	69.21	2692.8"	217.8'	69.21	2692.8"	217.8'	69.21	2692.8"	217.8'
50.0	70.02	68.8°	69.91	2720.0"	220.0'	69.91	2720.0"	220.0'	69.91	2720.0"	220.0'
50.5											

OPTIX SURFACE 1500 MPO D 4000K

Item No: 2021702

Concord

General data

Product name	OPTIX SURFACE 1500 MPO D 4000K
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4350
Luminous flux (lm)	4350
Luminaire efficacy (lm/W)	121
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 20
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	300
Inrush Current (A)	12
Inrush Duration (µs)	25
Energy Efficiency Class (A->G) of contained light source	C, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	24
Max. products per 13A C Breaker	32
Max. products per 16A C Breaker	39
Max. products per 20A C Breaker	49
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	32
Max. products per 16A B Breaker	39
Max. products per 20A B Breaker	49
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

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

OPTIX SURFACE 1500 MPO D 4000K

Item No: 2021702

Concord

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	200
Nominal Product Height (mm)	50
Weight (kg)	5.5

Packaging

Product EAN number	5025768217021
Packaging single length / height (cm)	155.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	21.0
DUN14 (inner)	05025768217021
Units per outer package	1
Packaging outer length / height (cm)	155.0
Packaging outer width (cm)	9.0
Packaging outer depth (cm)	21.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	10-25