

ISOLINE 3380MM 4K 1.7DASY 1.7BLK

Item No: 0042558

SYLVANIA

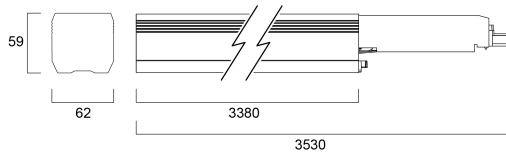
PROTM



Isoline LED linear luminaire for industrial and commercial applications. 3380mm length with 1.7m blank section, with medium optics provide homogenous light distribution for wide, shelf areas. Aluminium housing, RAL 9016. Max + 35 °C operating temperature range, 4000 K, CRI 80, UGR <25, 3 SDCM. 57W power consumption, 8300lm luminous flux, 146 lm/W efficacy, 3380 mm x 62 mm x 59 mm (L x W x H) dimensions, IP20, IK03, 220-240 V 50/60 Hz, Class I. Lifespan L70:B50 60,000 hours.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.50	0.75	0.50	0.196	8300	42000
1.0	1.00	1.50	1.00	0.785	8300	10600
1.5	1.50	2.25	1.50	1.766	8300	4699
2.0	2.00	3.00	2.00	3.142	8300	2640
2.5	2.50	3.75	2.50	4.909	8300	1671
3.0	3.00	4.50	3.00	7.069	8300	1178
3.5	3.50	5.25	3.50	9.621	8300	8628
4.0	4.00	6.00	4.00	12.566	8300	6599
4.5	4.50	6.75	4.50	15.904	8300	5216
5.0	5.00	7.50	5.00	19.635	8300	4229
5.5	5.50	8.25	5.50	23.758	8300	3493
6.0	6.00	9.00	6.00	28.274	8300	2935
6.5	6.50	9.75	6.50	33.183	8300	2501
7.0	7.00	10.50	7.00	38.485	8300	2158
7.5	7.50	11.25	7.50	44.179	8300	1879
8.0	8.00	12.00	8.00	50.265	8300	1649
8.5	8.50	12.75	8.50	56.743	8300	1461
9.0	9.00	13.50	9.00	63.617	8300	1304
9.5	9.50	14.25	9.50	70.889	8300	1174
10.0	10.00	15.00	10.00	78.539	8300	1063
10.5	10.50	15.75	10.50	86.577	8300	967
11.0	11.00	16.50	11.00	95.013	8300	881
11.5	11.50	17.25	11.50	103.849	8300	802
12.0	12.00	18.00	12.00	113.096	8300	734
12.5	12.50	18.75	12.50	122.754	8300	675
13.0	13.00	19.50	13.00	132.832	8300	624
13.5	13.50	20.25	13.50	143.339	8300	580
14.0	14.00	21.00	14.00	154.285	8300	541
14.5	14.50	21.75	14.50	165.671	8300	506
15.0	15.00	22.50	15.00	177.510	8300	473
15.5	15.50	23.25	15.50	189.802	8300	442
16.0	16.00	24.00	16.00	202.558	8300	413
16.5	16.50	24.75	16.50	215.778	8300	386
17.0	17.00	25.50	17.00	229.462	8300	361
17.5	17.50	26.25	17.50	243.610	8300	339
18.0	18.00	27.00	18.00	258.222	8300	319
18.5	18.50	27.75	18.50	273.308	8300	301
19.0	19.00	28.50	19.00	288.868	8300	285
19.5	19.50	29.25	19.50	304.902	8300	271
20.0	20.00	30.00	20.00	321.410	8300	258
20.5	20.50	30.75	20.50	338.392	8300	246
21.0	21.00	31.50	21.00	355.848	8300	235
21.5	21.50	32.25	21.50	373.778	8300	225
22.0	22.00	33.00	22.00	392.182	8300	216
22.5	22.50	33.75	22.50	411.060	8300	207
23.0	23.00	34.50	23.00	430.412	8300	199
23.5	23.50	35.25	23.50	450.238	8300	191
24.0	24.00	36.00	24.00	470.538	8300	184
24.5	24.50	36.75	24.50	491.312	8300	177
25.0	25.00	37.50	25.00	512.560	8300	171
25.5	25.50	38.25	25.50	534.282	8300	165
26.0	26.00	39.00	26.00	556.478	8300	159
26.5	26.50	39.75	26.50	579.148	8300	154
27.0	27.00	40.50	27.00	602.292	8300	149
27.5	27.50	41.25	27.50	625.910	8300	144
28.0	28.00	42.00	28.00	650.002	8300	140
28.5	28.50	42.75	28.50	674.568	8300	136
29.0	29.00	43.50	29.00	699.608	8300	132
29.5	29.50	44.25	29.50	725.122	8300	128
30.0	30.00	45.00	30.00	751.110	8300	125
30.5	30.50	45.75	30.50	777.572	8300	121
31.0	31.00	46.50	31.00	804.508	8300	118
31.5	31.50	47.25	31.50	831.918	8300	115
32.0	32.00	48.00	32.00	859.802	8300	112
32.5	32.50	48.75	32.50	888.160	8300	109
33.0	33.00	49.50	33.00	917.002	8300	106
33.5	33.50	50.25	33.50	946.328	8300	103
34.0	34.00	51.00	34.00	976.138	8300	101
34.5	34.50	51.75	34.50	1006.432	8300	98
35.0	35.00	52.50	35.00	1037.210	8300	96
35.5	35.50	53.25	35.50	1068.472	8300	94
36.0	36.00	54.00	36.00	1100.218	8300	92
36.5	36.50	54.75	36.50	1132.448	8300	90
37.0	37.00	55.50	37.00	1165.162	8300	88
37.5	37.50	56.25	37.50	1198.360	8300	86
38.0	38.00	57.00	38.00	1232.042	8300	84
38.5	38.50	57.75	38.50	1266.208	8300	82
39.0	39.00	58.50	39.00	1300.858	8300	80
39.5	39.50	59.25	39.50	1335.992	8300	78
40.0	40.00	60.00	40.00	1371.610	8300	76
40.5	40.50	60.75	40.50	1407.712	8300	74
41.0	41.00	61.50	41.00	1444.300	8300	72
41.5	41.50	62.25	41.50	1481.372	8300	70
42.0	42.00	63.00	42.00	1518.928	8300	68
42.5	42.50	63.75	42.50	1556.968	8300	66
43.0	43.00	64.50	43.00	1595.492	8300	64
43.5	43.50	65.25	43.50	1634.500	8300	62
44.0	44.00	66.00	44.00	1674.092	8300	60
44.5	44.50	66.75	44.50	1714.268	8300	58
45.0	45.00	67.50	45.00	1755.028	8300	56
45.5	45.50	68.25	45.50	1796.372	8300	54
46.0	46.00	69.00	46.00	1838.300	8300	52
46.5	46.50	69.75	46.50	1880.812	8300	50
47.0	47.00	70.50	47.00	1923.908	8300	48
47.5	47.50	71.25	47.50	1967.588	8300	46
48.0	48.00	72.00	48.00	2011.852	8300	44
48.5	48.50	72.75	48.50	2056.692	8300	42
49.0	49.00	73.50	49.00	2102.108	8300	40
49.5	49.50	74.25	49.50	2148.100	8300	38
50.0	50.00	75.00	50.00	2194.668	8300	36
50.5	50.50	75.75	50.50	2241.812	8300	34
51.0	51.00	76.50	51.00	2289.532	8300	32
51.5	51.50	77.25	51.50	2337.828	8300	30
52.0	52.00	78.00	52.00	2386.700	8300	28
52.5	52.50	78.75	52.50	2436.148	8300	26
53.0	53.00	79.50	53.00	2486.172	8300	24
53.5	53.50	80.25	53.50	2536.772	8300	22
54.0	54.00	81.00	54.00	2587.948	8300	20
54.5	54.50	81.75	54.50	2639.692	8300	18
55.0	55.00	82.50	55.00	2691.902	8300	16
55.5	55.50	83.25	55.50	2744.578	8300	14
56.0	56.00	84.00	56.00	2797.720	8300	12
56.5	56.50	84.75	56.50	2851.328	8300	10
57.0	57.00	85.50	57.00	2905.402	8300	8
57.5	57.50	86.25	57.50	2960.042	8300	6
58.0	58.00	87.00	58.00	3015.248	8300	4
58.5	58.50	87.75	58.50	3071.020	8300	2
59.0	59.00	88.50	59.00	3127.358	8300	0
59.5	59.50	89.25	59.50	3184.262	8300	0
60.0	60.00	90.00	60.00	3241.732	8300	0
60.5	60.50	90.75	60.50	3299.768	8300	0
61.0	61.00	91.50	61.00	3358.370	8300	0
61.5	61.50	92.25	61.50	3417.538	8300	0
62.0	62.00	93.00	62.00	3477.272	8300	0
62.5	62.50	93.75	62.50	3537.572	8300	0
63.0	63.00	94.50	63.00	3598.438	8300	0
63.5	63.50	95.25	63.50	3659.870	8300	0
64.0	64.00	96.00	64.00	3721.868	8300	0
64.5	64.50	96.75	64.50	3784.432	8300	0
65.0	65.00	97.50	65.00	3847.562	8300	0
65.5	65.50	98.25	65.50	3911.258	8300	0
66.0	66.00	99.00	66.00	3975.520	8300	0
66.5	66.50	99.75	66.50	4040.348	8300	0
67.0	67.00	100.50	67.00	4105.742	8300	0
67.5	67.50	101.25	67.50	4171.702	8300	0
68.0	68.00	102.00	68.00	4238.228	8300	0
68.5	68.50	102.75	68.50	4305.320	8300	0
69.0	69.00	103.50	69.00	4372.978	8300	0
69.5	69.50	104.25	69.50	4441.192	8300	0
70.0	70.00	105.00	70.00	4510.062	8300	0
70.5	70.50	105.75	70.50	4579.488	8300	0
71.0	71.00	106.50	71.00	4649.470	8300	0
71.5	71.50	107.25	71.50	4720.008	8300	0
72.0	72.00	108.00	72.00	4791.102	8300	0
72.5	72.50	108.75	72.50	4862.752	8300	0
73.0	73.00	109.50	73.00	4934.958	8300	0
73.5	73.50	110.25	73.50	5007.720	8300	0
74.0	74.00	111.00	74.00	5081.038	8300	0
74.5	74.50	111.75	74.50	5154.912	8300	0
75.0	75.00	112.50	75.00	5229.342	8300	0
75.5	75.50	113.25	75.50	5304.328	8300	0
76.0	76.00	114.00	76.00	5379.870	8300	0
76.5	76.50	114.75	76.50	5455.968	8300	0
77.0	77.00	115.50	77.00	5532.620	8300	0
77.5	77.50	116.25	77.50	5609.828	8300	0
78.0	78.00	117.00	78.00	5687.592	8300	0
78.5	78.50	117.75	78.50	5765.912	8300	0
79.0	79.00	118.50	79.00	5844.788	8300	0
79.5	79.50	119.25	79.50	5924.220	8300	0
80.0	80.00	120.00	80.00	6004.208	8300	0
80.5	80.50	120.75	80.50	6084.752	8300	0
81.0	81.00	121.50	81.00	6165.450	8300	0
81.5	81.50	122.25	81.50	6246.292	8300	0
82.0	82.00	123.00	82.00	6327.278	8300	0
82.5	82.50	123.75	82.50	6408.408	8300	0
83.0	83.00	124.50	83.00	6489.682	8300	0
83.5	83.50	125.25	83.50	6571.100	8300	0
84.0	84.00	126.00	84.00	6652.662	8300	0
84.5	84.50	126.75	84.50	6734.368	8300	0
85.0	85.00	127.50	85.00	6816.218	8300	0
85.5	85.50	128.25	85.50	6898.212	8300	0
86.0	86.00	129.00	86.00	6980.350	8300	0
86.5	86.50	129.				

ISOLINE 3380MM 4K 1.7DASY 1.7BLK

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General data

Product name	ISOLINE 3380MM 4K 1.7DASY 1.7BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	0°C...+35°C
ETIM Class	EC000986
Warranty	5 years

Optical data

Fixture luminous flux (lm)	8300
Luminaire efficacy (lm/W)	145
Correlated colour temperature (k)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	57
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	250
Inrush Current (A)	25
Inrush Duration (µs)	250
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	27
Max. products per 13A C Breaker	35
Max. products per 16A C Breaker	45
Max. products per 20A C Breaker	58
Max. products per 10A B Breaker	16
Max. products per 13A B Breaker	21
Max. products per 16A B Breaker	27
Max. products per 20A B Breaker	35
Connectable conductor cross section - Min (mm²)	0.5
Connectable conductor cross section - Max (mm²)	4

Lifetime data

Lifespan L70 B50	60000
Lifespan L80 B10	60000
Lifespan L90 B10	31500

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Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK03
IK rating of sensor	IK03
Diffuser finish	Transparent
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	3380
Nominal Product Width (mm)	62
Nominal Product Height (mm)	59
Weight (kg)	5.0

Packaging

Product EAN number	5410288425580
Packaging single length / height (cm)	353.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	5.8
DUN14 (inner)	05410288425580
Units per outer package	1
Packaging outer length / height (cm)	353.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	5.8

Safety data

Glow Wire Test (°C)	650
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