

Sylvania Granit IP65 D4i 20600lm 840 WB Z18

Item No: 0039150

SYLVANIA

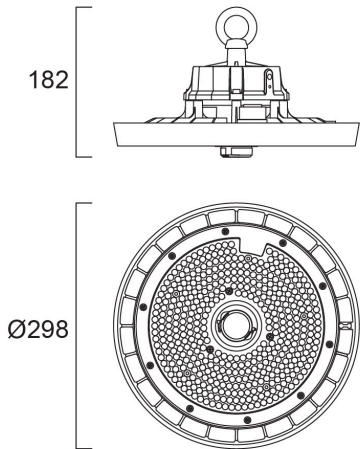
PROTM



Interior LED Highbay, comes complete with 1500mm flying lead, hook for hanging and 1200mm chain with carabiners, Traffic black (RAL9017) aluminium housing with PC lens, IP65, IK08, Class I, 4000K, CRI80, D4i driver included, 20600lm, 103W, 200lm/W, Symmetrical Wide beam (85°), 105.000hrs L80B50 lifespan, 298 x 182mm (D x H) dimensions, 2.12kg weight, operating temperature range from -30 to +50°C, Zhagabook 18 socket in the center.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]
0.5	0.85	85°	0.85	2.79	11.02
1.0	1.70	85°	1.70	5.58	22.04
1.5	2.54	85°	2.54	8.33	32.78
2.0	3.39	85°	3.39	11.12	43.74
2.5	4.24	85°	4.24	13.91	54.70
3.0	5.09	85°	5.09	16.70	65.66
3.5	5.94	85°	5.94	19.49	76.62
4.0	6.79	85°	6.79	22.28	87.58
4.5	7.64	85°	7.64	25.07	98.54
5.0	8.49	85°	8.49	27.86	109.50
5.5	9.34	85°	9.34	30.65	120.46
6.0	10.19	85°	10.19	33.44	131.42
6.5	11.04	85°	11.04	36.23	142.38
7.0	11.89	85°	11.89	39.02	153.34
7.5	12.74	85°	12.74	41.81	164.30
8.0	13.59	85°	13.59	44.60	175.26
8.5	14.44	85°	14.44	47.39	186.22
9.0	15.29	85°	15.29	50.18	197.18
9.5	16.14	85°	16.14	52.97	208.14
10.0	16.99	85°	16.99	55.76	219.10
10.5	17.84	85°	17.84	58.55	230.06
11.0	18.69	85°	18.69	61.34	241.02
11.5	19.54	85°	19.54	64.13	251.98
12.0	20.39	85°	20.39	66.92	262.94
12.5	21.24	85°	21.24	69.71	273.90
13.0	22.09	85°	22.09	72.50	284.86
13.5	22.94	85°	22.94	75.29	295.82
14.0	23.79	85°	23.79	78.08	306.78
14.5	24.64	85°	24.64	80.87	317.74
15.0	25.49	85°	25.49	83.66	328.70
15.5	26.34	85°	26.34	86.45	339.66
16.0	27.19	85°	27.19	89.24	350.62
16.5	28.04	85°	28.04	92.03	361.58
17.0	28.89	85°	28.89	94.82	372.54
17.5	29.74	85°	29.74	97.61	383.50
18.0	30.59	85°	30.59	100.40	394.46
18.5	31.44	85°	31.44	103.19	405.42
19.0	32.29	85°	32.29	105.98	416.38
19.5	33.14	85°	33.14	108.77	427.34
20.0	33.99	85°	33.99	111.56	438.30
20.5	34.84	85°	34.84	114.35	449.26
21.0	35.69	85°	35.69	117.14	460.22
21.5	36.54	85°	36.54	119.93	471.18
22.0	37.39	85°	37.39	122.72	482.14
22.5	38.24	85°	38.24	125.51	493.10
23.0	39.09	85°	39.09	128.30	504.06
23.5	39.94	85°	39.94	131.09	515.02
24.0	40.79	85°	40.79	133.88	525.98
24.5	41.64	85°	41.64	136.67	536.94
25.0	42.49	85°	42.49	139.46	547.90
25.5	43.34	85°	43.34	142.25	558.86
26.0	44.19	85°	44.19	145.04	569.82
26.5	45.04	85°	45.04	147.83	580.78
27.0	45.89	85°	45.89	150.62	591.74
27.5	46.74	85°	46.74	153.41	602.70
28.0	47.59	85°	47.59	156.20	613.66
28.5	48.44	85°	48.44	158.99	624.62
29.0	49.29	85°	49.29	161.78	635.58
29.5	50.14	85°	50.14	164.57	646.54
30.0	50.99	85°	50.99	167.36	657.50
30.5	51.84	85°	51.84	170.15	668.46
31.0	52.69	85°	52.69	172.94	679.42
31.5	53.54	85°	53.54	175.73	690.38
32.0	54.39	85°	54.39	178.52	701.34
32.5	55.24	85°	55.24	181.31	712.30
33.0	56.09	85°	56.09	184.10	723.26
33.5	56.94	85°	56.94	186.89	734.22
34.0	57.79	85°	57.79	189.68	745.18
34.5	58.64	85°	58.64	192.47	756.14
35.0	59.49	85°	59.49	195.26	767.10
35.5	60.34	85°	60.34	198.05	778.06
36.0	61.19	85°	61.19	200.84	789.02
36.5	62.04	85°	62.04	203.63	799.98
37.0	62.89	85°	62.89	206.42	810.94
37.5	63.74	85°	63.74	209.21	821.90
38.0	64.59	85°	64.59	212.00	832.86
38.5	65.44	85°	65.44	214.79	843.82
39.0	66.29	85°	66.29	217.58	854.78
39.5	67.14	85°	67.14	220.37	865.74
40.0	67.99	85°	67.99	223.16	876.70
40.5	68.84	85°	68.84	225.95	887.66
41.0	69.69	85°	69.69	228.74	898.62
41.5	70.54	85°	70.54	231.53	909.58
42.0	71.39	85°	71.39	234.32	920.54
42.5	72.24	85°	72.24	237.11	931.50
43.0	73.09	85°	73.09	239.90	942.46
43.5	73.94	85°	73.94	242.69	953.42
44.0	74.79	85°	74.79	245.48	964.38
44.5	75.64	85°	75.64	248.27	975.34
45.0	76.49	85°	76.49	251.06	986.30
45.5	77.34	85°	77.34	253.85	997.26
46.0	78.19	85°	78.19	256.64	1008.22
46.5	79.04	85°	79.04	259.43	1019.18
47.0	79.89	85°	79.89	262.22	1030.14
47.5	80.74	85°	80.74	265.01	1041.10
48.0	81.59	85°	81.59	267.80	1052.06
48.5	82.44	85°	82.44	270.59	1063.02
49.0	83.29	85°	83.29	273.38	1073.98
49.5	84.14	85°	84.14	276.17	1084.94
50.0	84.99	85°	84.99	278.96	1095.90
50.5	85.84	85°	85.84	281.75	1106.86
51.0	86.69	85°	86.69	284.54	1117.82
51.5	87.54	85°	87.54	287.33	1128.78
52.0	88.39	85°	88.39	290.12	1139.74
52.5	89.24	85°	89.24	292.91	1150.70
53.0	90.09	85°	90.09	295.70	1161.66
53.5	90.94	85°	90.94	298.49	1172.62
54.0	91.79	85°	91.79	301.28	1183.58
54.5	92.64	85°	92.64	304.07	1194.54
55.0	93.49	85°	93.49	306.86	1205.50
55.5	94.34	85°	94.34	309.65	1216.46
56.0	95.19	85°	95.19	312.44	1227.42
56.5	96.04	85°	96.04	315.23	1238.38
57.0	96.89	85°	96.89	318.02	1249.34
57.5	97.74	85°	97.74	320.81	1260.30
58.0	98.59	85°	98.59	323.60	1271.26
58.5	99.44	85°	99.44	326.39	1282.22
59.0	100.29	85°	100.29	329.18	1293.18
59.5	101.14	85°	101.14	331.97	1304.14
60.0	101.99	85°	101.99	334.76	1315.10
60.5	102.84	85°	102.84	337.55	1326.06
61.0	103.69	85°	103.69	340.34	1337.02
61.5	104.54	85°	104.54	343.13	1347.98
62.0	105.39	85°	105.39	345.92	1358.94
62.5	106.24	85°	106.24	348.71	1369.90
63.0	107.09	85°	107.09	351.50	1380.86
63.5	107.94	85°	107.94	354.29	1391.82
64.0	108.79	85°	108.79	357.08	1402.78
64.5	109.64	85°	109.64	359.87	1413.74
65.0	110.49	85°	110.49	362.66	1424.70
65.5	111.34	85°	111.34	365.45	1435.66
66.0	112.19	85°	112.19	368.24	1446.62
66.5	113.04	85°	113.04	371.03	1457.58
67.0	113.89	85°	113.89	373.82	1468.54
67.5	114.74	85°	114.74	376.61	1479.50
68.0	115.59	85°	115.59	379.40	1490.46
68.5	116.44	85°	116.44	382.19	1501.42
69.0	117.29	85°	117.29	384.98	1512.38
69.5	118.14	85°	118.14	387.77	1523.34
70.0	118.99	85°	118.99	390.56	1534.30
70.5	119.84	85°	119.84	393.35	1545.26
71.0	120.69	85°	120.69	396.14	1556.22
71.5	121.54	85°	121.54	398.93	1567.18
72.0	122.39	85°	122.39	401.72	1578.14
72.5	123.24	85°	123.24	404.51	1589.10
73.0	124.09	85°	124.09	407.30	1599.06
73.5	124.94	85°	124.94	410.09	1610.02
74.0	125.79	85°	125.79	412.88	1620.98
74.5	126.64	85°	126.64	415.67	1631.94
75.0	127.49	85°	127.49	418.46	1642.90
75.5	128.34	85°	128.34	421.25	1653.86
76.0	129.19	85°	129.19	424.04	1664.82
76.5	130.04	85°	130.04	426.83	1675.78
77.0	130.89	85°	130.89	429.62	1686.74
77.5	131.74	85°	131.74	432.41	1697.70
78.0	132.59	85°	132.59	435.20	1708.66
78.5	133.44	85°	133.44	437.99	1719.62
79.0	134.29	85°	134.29	440.78	1730.58
79.5	135.14	85°	135.14	443.57	1741.54
80.0	135.99	85°	135.99	446.36	1752.50
80.5	136.84	85°	136.84	449.15	1763.46
81.0	137.69	85°	137.69	451.94	1774.42
81.5	138.54	85°	138.54	454.73	1785.38
82.0	139.39	85°	139.39	457.52	1796.34
82.5	140.24	85°	140.24	460.31	1807.30
83.0	141.09	85°	141.09	463.10	1818.26
83.5	141.94	85°	141.94	465.89	1829.22
84.0	142.79	85°	142.79	468.68	1840.18
84.5	143.64	85°	143.64	471.47	1851.14
85.0	144.49	85°	144.49	474.26	1862.10
85.5	145.34	85°	145.34	477.05	1873.06
86.0	146.19	85°	146.19	479.84	1884.02
86.5	147.04	85°	147.04	482.63	1894.98
87.0	147.89	85°	147.89	485.42	1905.94
87.5	148.74	85°	148.74	488.21	1916.90
88.0	149.59	85°	149.59	491.00	1927.86
88.5	150.44	85°	150.44	493.79	1938.82
89.0	151.29	85°	151.29	496.58	1949.78
89.5	152.14	85°	152.14	499.37	1960.74
90.0	152.99	85°	152.99	502.16	1971.70
90.5	153.84	85°	153.84	504.95	1982.66
91.0	154.69	85°	154.69	507.74	1993.62
91.5	155.54	85°	155.54	510.53	2004.58
92.0	156.39	85°	156.39	513.32	2015.54
92.5	157.24	85°	157.24	516.11	2026.50
93.0	158.09	85°	158.09	518.90	2037.46
93.5	158.94	85°	158.94	521.69	2048.42
94.0	159.79	85°	159.79	524.48	2059.38
94.5	160.64	85°	160.64	527.27	2070.34
95.0	161.49	85°	161.49	530.06	2081.30
95.5	162.34	85°	162.34	532.85	2092.26
96.0	163.19	85°	163.19	535.64	2103.22
96.5	164.04	85°	164.04	538.43	2114.18

Sylvania Granit IP65 D4i 20600lm 840 WB Z18

Item No: 0039150



General data

Product name	Sylvania Granit IP65 D4i 20600lm 840 WB Z18
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-30°C...+50°C
ETIM Class	EC001716
E-number FI	4357203
Warranty	5 years

Optical data

Fixture luminous flux (lm)	20600
Luminaire efficacy (lm/W)	200
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	1200

Electrical data

Emergency type	
Total power consumption (W)	103
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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	Yes
Dimming method	D4i
Inrush Current (A)	100
Inrush Duration (µs)	350
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	13
Max. products per 13A C Breaker	17
Max. products per 16A C Breaker	21
Max. products per 20A C Breaker	26
Max. products per 10A B Breaker	8
Max. products per 13A B Breaker	10
Max. products per 16A B Breaker	12
Max. products per 20A B Breaker	16
Connectable conductor cross section - Min (mm²)	1
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B50	105000
Lifespan L80 B20	91000

Sylvania Granit IP65 D4i 20600lm 840 WB Z18

Item No: 0039150



Physical data

Housing colour	RAL 9017 - Traffic black
IP rating	IP65
IK rating	IK08
Diffuser material	PC Polycarbonate
Reflector finish	Matt
Nominal Product Height (mm)	182
Nominal Product Diameter (mm)	298
Weight (kg)	2.12

Packaging

Product EAN number	5410288391502
Packaging single length / height (cm)	34.5
Packaging single width (cm)	32.6
Packaging single depth (cm)	16.0
DUN14 (inner)	05410288391502
Units per outer package	1
Packaging outer length / height (cm)	34.5
Packaging outer width (cm)	32.6
Packaging outer depth (cm)	16.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-30-50