

Luminaire

Code 90636L150

Name CONCEPT O 65 D/I D1500 LIGHT+ 840

Measurem.

Code 31/7/2023

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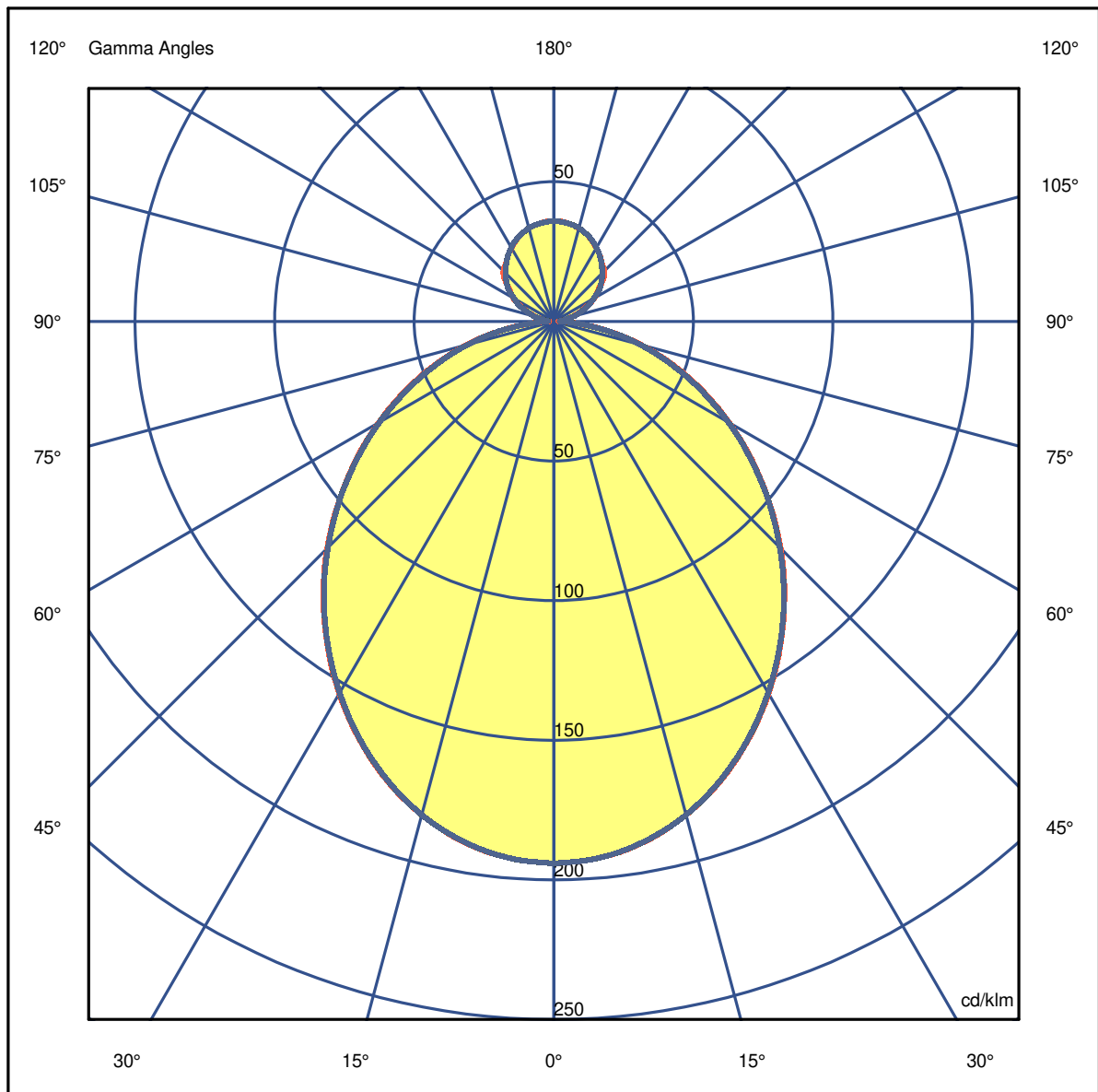
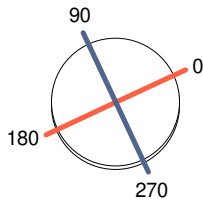
Luminaire Flux	12141 lm	Luminaire Power	109.5 W	Efficacy	110.859 lm/W	Efficiency	60.93%
Source Flux	19928 lm	Maximum value	194.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1500mm

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



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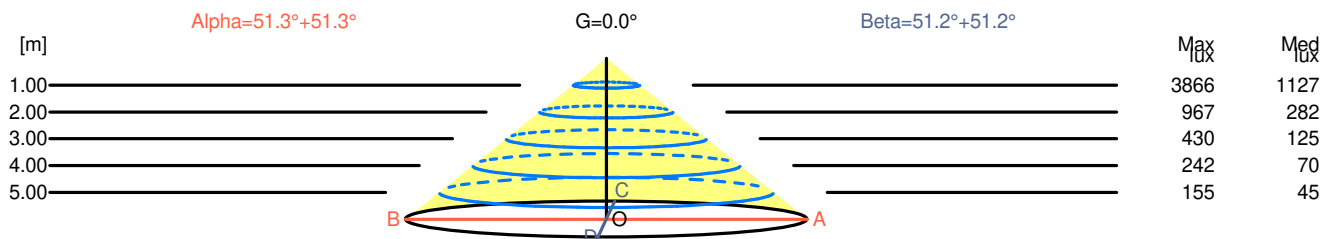
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Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.25	2.50	3.75	4.99	6.24	OC	1.25	2.49	3.74	4.98	6.23
OB	1.25	2.50	3.75	4.99	6.24	OD	1.25	2.49	3.74	4.98	6.23

	0	5	15	25	35	45	55	65	75	85
OA	3866.03	3840.13	3644.83	3288.12	2819.81	2289.73	1725.76	1169.77	643.67	173.37
OB	3866.03	3840.13	3644.83	3288.12	2819.81	2289.73	1725.76	1169.77	643.67	173.37
OC	3866.03	3840.13	3644.83	3284.13	2813.83	2279.76	1717.79	1157.82	633.71	173.37
OD	3866.03	3840.13	3644.83	3284.13	2813.83	2279.76	1717.79	1157.82	633.71	173.37



H[m]	D[m]	Max lux	Med lux	Alpha=51.3°+51.3°	G=0.0	
1.00	2.50	3866	1127			
2.00	4.99	967	282			
3.00	7.49	430	125			
4.00	9.99	242	70			
5.00	12.49	155	45			

H[m]	D[m]	Max lux	Med lux	Beta=51.2°+51.2°	G=0.0	
1.00	2.49	3866	1127			
2.00	4.98	967	282			
3.00	7.47	430	125			
4.00	9.96	242	70			
5.00	12.45	155	45			

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Source Flux	19928 lm	Maximum value	194.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

UGR
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	13.0	14.1	13.5	14.6	15.2	13.0	14.1	13.5	14.6	15.2
x=2H y=3H	14.4	15.4	15.0	15.9	16.5	14.4	15.4	15.0	15.9	16.5
x=2H y=4H	15.0	15.9	15.5	16.4	17.1	14.9	15.8	15.5	16.4	17.0
x=2H y=6H	15.3	16.2	15.9	16.8	17.4	15.3	16.1	15.9	16.7	17.4
x=2H y=8H	15.4	16.3	16.0	16.9	17.5	15.4	16.2	16.0	16.8	17.5
x=2H y=12H	15.5	16.3	16.1	16.9	17.6	15.5	16.2	16.1	16.8	17.5
x=4H y=2H	13.6	14.5	14.1	15.1	15.7	13.6	14.5	14.1	15.0	15.7
x=4H y=3H	15.2	15.9	15.8	16.5	17.2	15.1	15.9	15.7	16.5	17.2
x=4H y=4H	15.8	16.5	16.5	17.1	17.8	15.8	16.5	16.4	17.1	17.8
x=4H y=6H	16.3	16.9	17.0	17.5	18.3	16.3	16.9	16.9	17.5	18.2
x=4H y=8H	16.5	17.0	17.1	17.7	18.4	16.4	17.0	17.1	17.6	18.4
x=4H y=12H	16.5	17.0	17.2	17.7	18.5	16.5	17.0	17.2	17.7	18.5
x=8H y=4H	16.0	16.6	16.7	17.2	18.0	16.0	16.5	16.7	17.2	18.0
x=8H y=6H	16.6	17.1	17.4	17.8	18.6	16.6	17.1	17.3	17.7	18.6
x=8H y=8H	16.9	17.2	17.6	18.0	18.8	16.8	17.2	17.6	17.9	18.8
x=8H y=12H	17.0	17.3	17.7	18.1	18.9	17.0	17.3	17.7	18.0	18.9
x=12H y=4H	16.0	16.5	16.7	17.2	18.0	16.0	16.5	16.7	17.2	18.0
x=12H y=6H	16.7	17.1	17.4	17.8	18.6	16.6	17.0	17.4	17.7	18.6
x=12H y=8H	16.9	17.3	17.7	18.0	18.8	16.9	17.2	17.6	18.0	18.8

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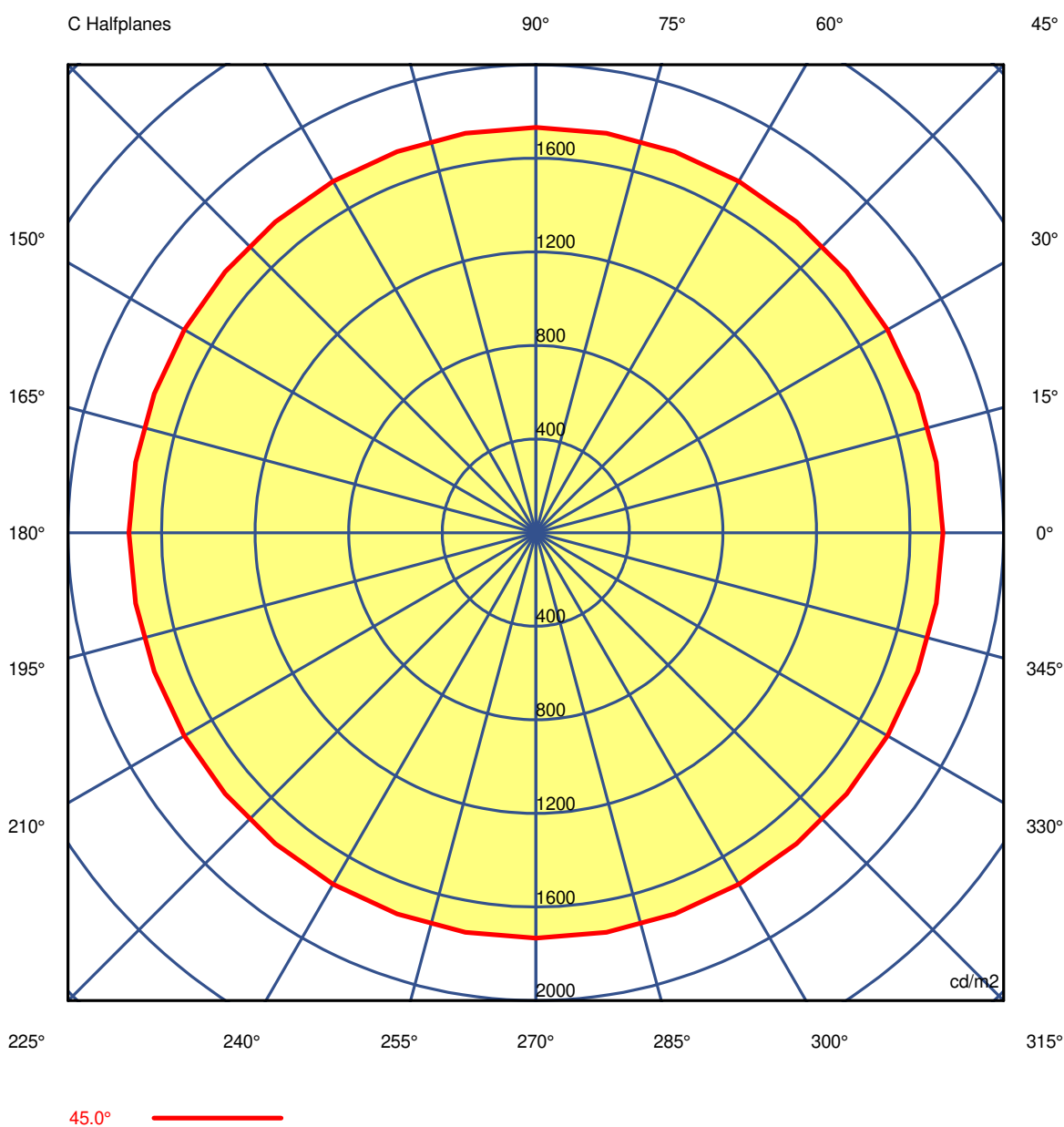
Measurem.

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Luminaire Flux	12141 lm	Luminaire Power	109.5 W	Efficacy	110.859 lm/W	Efficiency	60.93%
Source Flux	19928 lm	Maximum value	194.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	12141 lm		Luminaire Power		109.5 W		Efficacy		110.859 lm/W		Efficiency		60.93%	
Source Flux	19928 lm		Maximum value		194.00 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	
G 5.0	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	
G 10.0	2177	2177	2177	2176	2177	2177	2177	2177	2177	2176	2177	2177	2177	
G 15.0	2134	2134	2134	2134	2133	2134	2135	2135	2134	2134	2134	2135	2135	
G 20.0	2083	2081	2081	2082	2082	2082	2082	2081	2081	2081	2081	2081	2082	
G 25.0	2023	2023	2023	2023	2022	2022	2022	2023	2023	2021	2023	2023	2022	
G 30.0	1958	1957	1957	1957	1956	1956	1956	1956	1955	1954	1955	1956	1956	
G 35.0	1889	1888	1887	1886	1886	1886	1886	1886	1886	1885	1886	1886	1886	
G 40.0	1816	1814	1813	1812	1812	1813	1814	1813	1812	1812	1812	1813	1814	
G 45.0	1740	1738	1737	1736	1735	1734	1734	1734	1734	1733	1734	1734	1734	
G 50.0	1656	1656	1655	1653	1653	1653	1651	1652	1653	1653	1653	1652	1651	
G 55.0	1571	1571	1568	1566	1567	1567	1566	1566	1566	1564	1566	1566	1566	
G 60.0	1479	1478	1478	1479	1477	1476	1477	1476	1475	1473	1475	1476	1477	
G 65.0	1380	1375	1374	1376	1374	1373	1373	1372	1370	1366	1370	1372	1373	
G 70.0	1265	1263	1262	1260	1256	1253	1254	1257	1256	1251	1256	1257	1254	
G 75.0	1128	1119	1118	1121	1113	1110	1114	1112	1110	1110	1110	1112	1114	
G 80.0	937	933	931	927	923	924	927	924	923	923	923	924	927	
G 85.0	626	621	616	612	611	613	619	624	626	626	626	624	619	
G 90.0	331	372	417	426	364	362	394	313	301	426	301	313	394	

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Source Flux		19928 lm		Maximum value		194.00 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical											
Luminance cd/m2														Table 2/3											
C 130.00		C 140.00		C 150.00		C 160.00		C 170.00		C 180.00		C 190.00		C 200.00		C 210.00		C 220.00		C 230.00		C 240.00		C 250.00	
G 0.0	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229
G 5.0	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209
G 10.0	2177	2177	2176	2177	2177	2177	2177	2177	2177	2177	2176	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177
G 15.0	2134	2133	2134	2134	2134	2134	2134	2134	2134	2134	2134	2133	2134	2133	2134	2133	2134	2133	2134	2133	2134	2135	2135	2135	2135
G 20.0	2082	2082	2082	2081	2081	2081	2083	2081	2081	2081	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2082	2081	2081
G 25.0	2022	2022	2023	2023	2023	2023	2023	2023	2023	2023	2023	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2022	2023	2023
G 30.0	1956	1956	1957	1957	1957	1957	1958	1957	1957	1957	1957	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956	1956
G 35.0	1886	1886	1886	1887	1888	1888	1889	1888	1887	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886	1886
G 40.0	1813	1812	1812	1813	1814	1814	1816	1814	1813	1812	1812	1812	1813	1814	1813	1814	1813	1814	1813	1814	1813	1814	1813	1814	1813
G 45.0	1734	1735	1736	1737	1738	1740	1738	1737	1736	1735	1734	1734	1734	1734	1734	1734	1734	1734	1734	1734	1734	1734	1734	1734	1734
G 50.0	1653	1653	1653	1655	1656	1656	1656	1655	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1653	1652	1652
G 55.0	1567	1567	1566	1568	1571	1571	1571	1568	1566	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1567	1566	1566	1566
G 60.0	1476	1477	1479	1478	1478	1479	1478	1478	1479	1477	1476	1477	1476	1477	1476	1477	1476	1477	1476	1477	1476	1477	1476	1477	1476
G 65.0	1373	1374	1376	1374	1375	1380	1375	1374	1376	1374	1373	1373	1373	1373	1373	1373	1373	1373	1373	1373	1373	1373	1372	1372	1372
G 70.0	1253	1256	1260	1262	1263	1265	1263	1262	1260	1256	1253	1253	1254	1255	1254	1255	1254	1255	1254	1255	1254	1255	1257	1257	1257
G 75.0	1110	1113	1121	1118	1119	1128	1119	1118	1121	1113	1110	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1114	1112	1112	1112
G 80.0	924	923	927	931	933	937	933	931	927	923	924	927	924	927	924	927	924	927	924	927	924	927	924	924	924
G 85.0	613	611	612	616	621	626	621	616	612	611	613	619	619	619	619	619	619	619	619	619	619	619	624	624	624
G 90.0	362	364	426	417	372	331	372	417	426	364	362	394	394	394	394	394	394	394	394	394	394	313	313	313	313

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Source Flux	19928 lm	Maximum value	194.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229
G 5.0	2209	2209	2209	2209	2209	2209	2209	2209	2209	2209
G 10.0	2177	2176	2177	2177	2177	2177	2177	2176	2177	2177
G 15.0	2134	2134	2134	2135	2135	2134	2133	2134	2134	2134
G 20.0	2081	2081	2081	2081	2082	2082	2082	2082	2081	2081
G 25.0	2023	2021	2023	2023	2022	2022	2022	2023	2023	2023
G 30.0	1955	1954	1955	1956	1956	1956	1956	1957	1957	1957
G 35.0	1886	1885	1886	1886	1886	1886	1886	1886	1887	1888
G 40.0	1812	1812	1812	1813	1814	1813	1812	1812	1813	1814
G 45.0	1734	1733	1734	1734	1734	1734	1735	1736	1737	1738
G 50.0	1653	1653	1653	1652	1651	1653	1653	1653	1655	1656
G 55.0	1566	1564	1566	1566	1566	1567	1567	1566	1568	1571
G 60.0	1475	1473	1475	1476	1477	1476	1477	1479	1478	1478
G 65.0	1370	1366	1370	1372	1373	1373	1374	1376	1374	1375
G 70.0	1256	1251	1256	1257	1254	1253	1256	1260	1262	1263
G 75.0	1110	1110	1110	1112	1114	1110	1113	1121	1118	1119
G 80.0	923	923	923	924	927	924	923	927	931	933
G 85.0	626	626	626	624	619	613	611	612	616	621
G 90.0	301	426	301	313	394	362	364	426	417	372