

Luminaire

Code 90635L150

Name CONCEPT O 65 D1500 LIGHT+ 840

Measurement

Code 31/7/2023

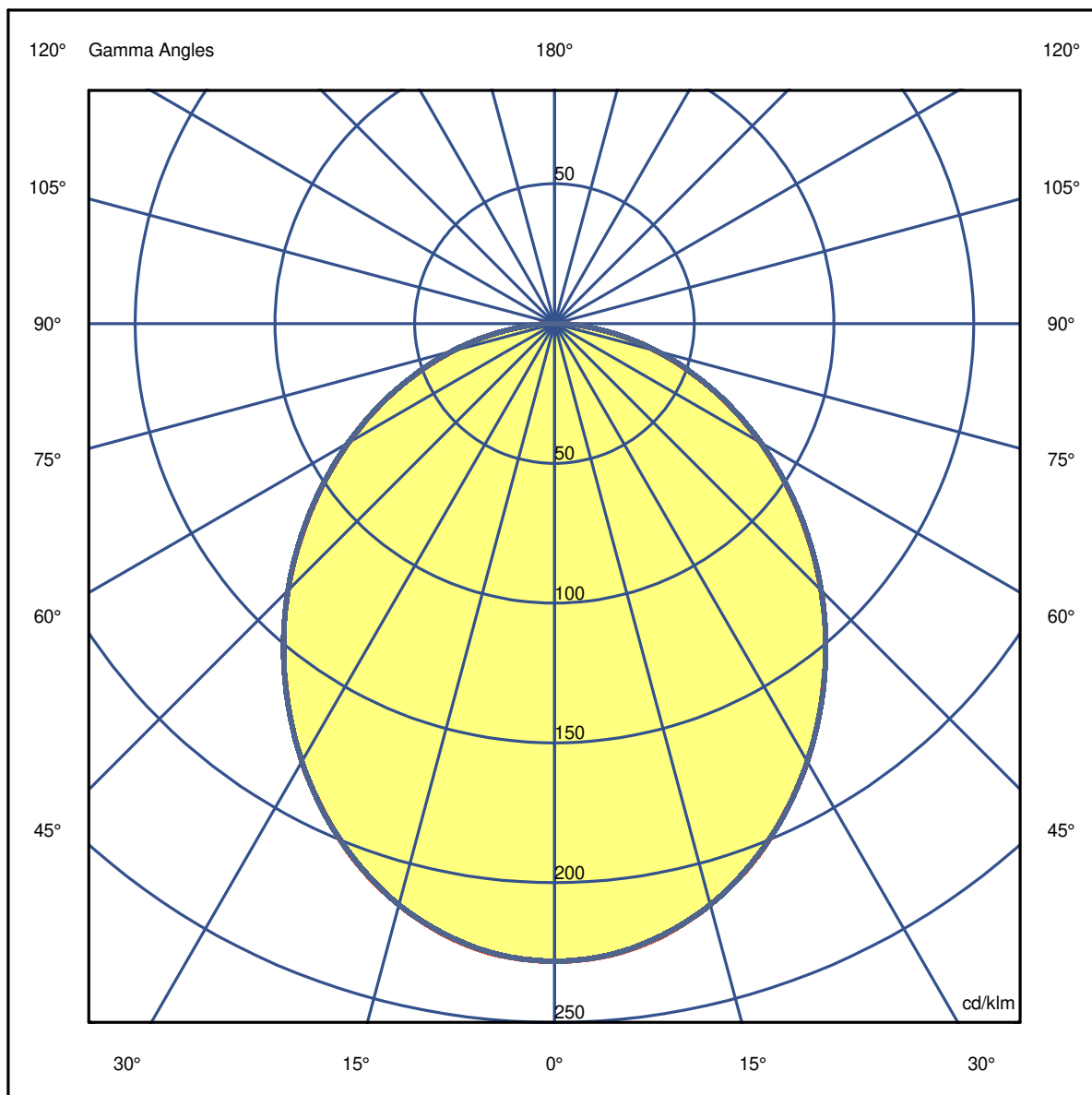
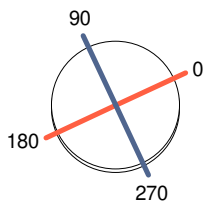
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Luminaire Flux	9773 lm	Luminaire Power	91.3 W	Efficacy	107.032 lm/W	Efficiency	59.07%
Source Flux	16544 lm	Maximum value	228.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1500mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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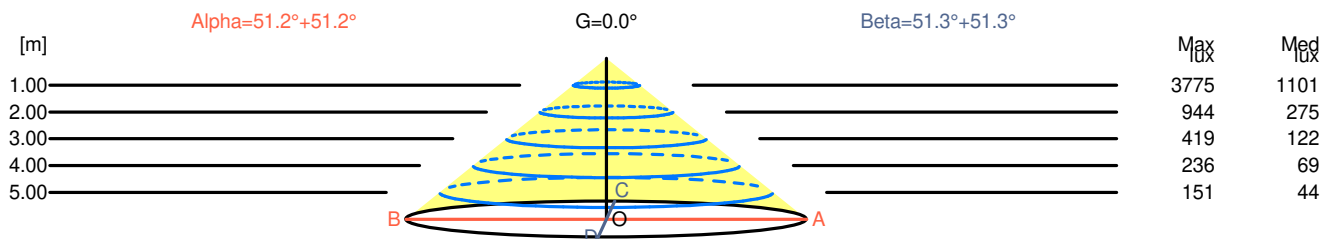
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Source Flux	16544 lm	Maximum value	228.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.24	2.49	3.73	4.98	6.22	OC	1.25	2.50	3.75	5.00	6.24
OB	1.24	2.49	3.73	4.98	6.22	OD	1.25	2.50	3.75	5.00	6.24

	0	5	15	25	35	45	55	65	75	85
OA	3775.34	3752.18	3560.27	3209.54	2749.61	2231.79	1679.22	1138.23	620.40	170.40
OB	3775.34	3752.18	3560.27	3209.54	2749.61	2231.79	1679.22	1138.23	620.40	170.40
OC	3775.34	3748.87	3560.27	3211.19	2751.27	2231.79	1682.52	1141.54	627.02	168.75
OD	3775.34	3748.87	3560.27	3211.19	2751.27	2231.79	1682.52	1141.54	627.02	168.75



H[m]	D[m]	Max lux	Med lux	Alpha=51.2°+51.2°	G=0.0
1.00	2.49	3775	1101		
2.00	4.98	944	275		
3.00	7.47	419	122		
4.00	9.96	236	69		
5.00	12.45	151	44		

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0
1.00	2.50	3775	1101		
2.00	5.00	944	275		
3.00	7.49	419	122		
4.00	9.99	236	69		
5.00	12.49	151	44		

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Source Flux	16544 lm	Maximum value	228.20 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	14.0	15.3	14.3	15.5	15.7	14.0	15.3	14.3	15.5	15.7
x=2H y=3H	15.4	16.6	15.7	16.8	17.1	15.4	16.6	15.7	16.9	17.1
x=2H y=4H	15.9	17.1	16.3	17.3	17.6	16.0	17.1	16.3	17.4	17.7
x=2H y=6H	16.4	17.4	16.7	17.7	18.0	16.4	17.4	16.8	17.8	18.0
x=2H y=8H	16.5	17.5	16.8	17.8	18.1	16.5	17.5	16.9	17.8	18.1
x=2H y=12H	16.5	17.5	16.9	17.8	18.2	16.6	17.5	16.9	17.8	18.2
x=4H y=2H	14.6	15.7	14.9	16.0	16.3	14.6	15.7	14.9	16.0	16.3
x=4H y=3H	16.2	17.2	16.6	17.5	17.8	16.2	17.2	16.6	17.5	17.9
x=4H y=4H	16.9	17.8	17.3	18.1	18.5	16.9	17.8	17.3	18.1	18.5
x=4H y=6H	17.4	18.2	17.9	18.5	18.9	17.5	18.2	17.9	18.6	19.0
x=4H y=8H	17.6	18.3	18.0	18.7	19.1	17.6	18.3	18.1	18.7	19.1
x=4H y=12H	17.7	18.3	18.2	18.7	19.2	17.7	18.3	18.2	18.8	19.2
x=8H y=4H	17.2	17.9	17.6	18.3	18.7	17.2	17.9	17.7	18.3	18.7
x=8H y=6H	17.8	18.4	18.3	18.8	19.3	17.8	18.4	18.3	18.9	19.3
x=8H y=8H	18.1	18.6	18.6	19.0	19.5	18.1	18.6	18.6	19.0	19.5
x=8H y=12H	18.2	18.6	18.7	19.1	19.6	18.2	18.6	18.7	19.1	19.6
x=12H y=4H	17.2	17.8	17.7	18.2	18.7	17.2	17.8	17.7	18.3	18.7
x=12H y=6H	17.9	18.4	18.4	18.8	19.3	17.9	18.4	18.4	18.9	19.3
x=12H y=8H	18.1	18.6	18.6	19.0	19.5	18.2	18.6	18.7	19.0	19.6

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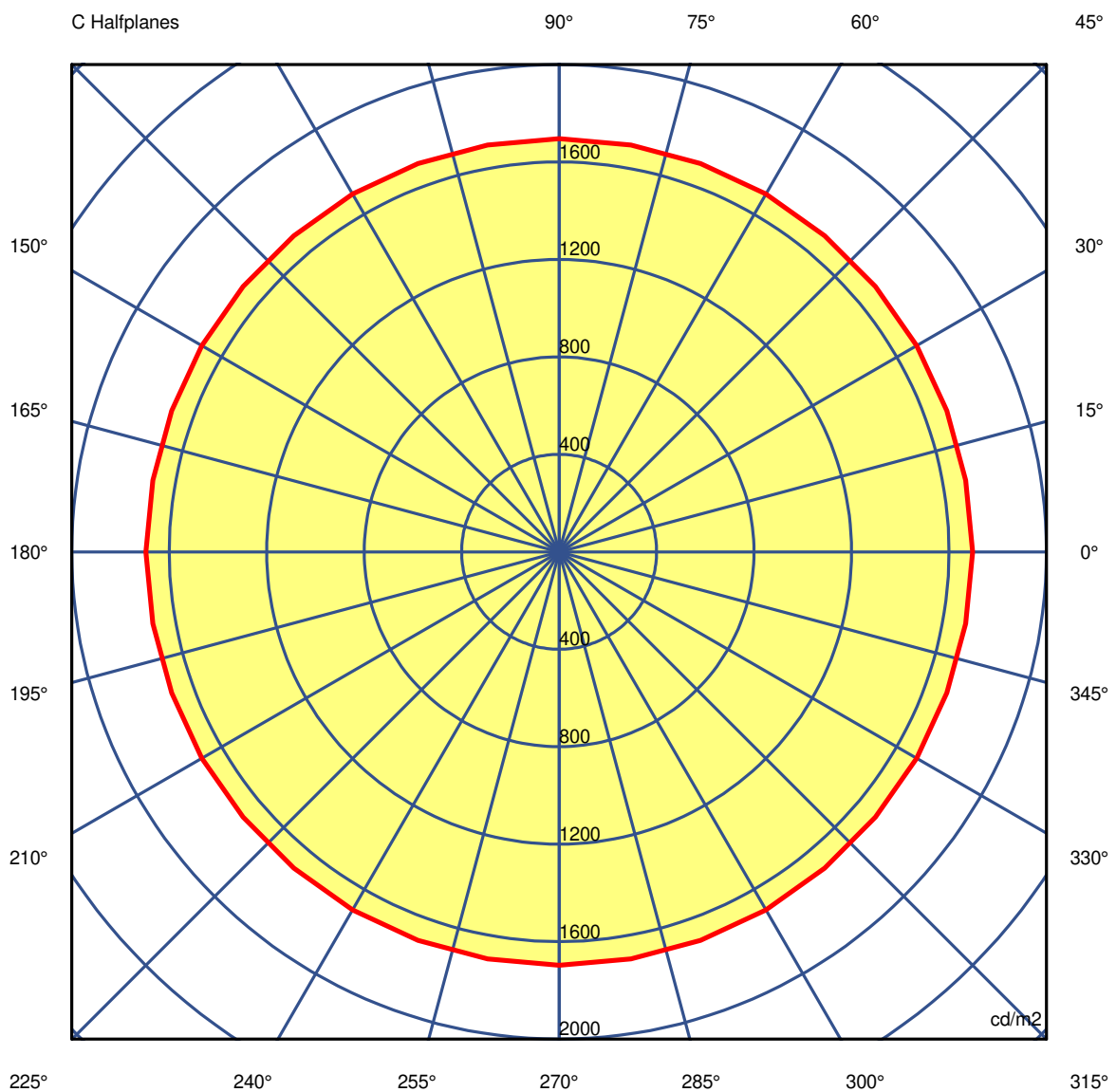
Measurem.

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Luminaire Flux	9773 lm	Luminaire Power	91.3 W	Efficacy	107.032 lm/W	Efficiency	59.07%
Source Flux	16544 lm	Maximum value	228.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	16544 lm		Maximum value		228.20 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	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177
G 5.0	2158	2157	2157	2157	2156	2156	2157	2157	2157	2156	2157	2157	2157	2157
G 10.0	2127	2126	2126	2125	2125	2125	2126	2126	2126	2124	2126	2126	2126	2126
G 15.0	2085	2084	2084	2085	2083	2083	2085	2085	2085	2085	2085	2085	2085	2085
G 20.0	2035	2034	2033	2033	2032	2033	2034	2034	2034	2033	2034	2034	2034	2034
G 25.0	1975	1974	1974	1974	1974	1975	1976	1976	1976	1976	1976	1976	1976	1976
G 30.0	1912	1911	1910	1910	1910	1911	1912	1912	1912	1911	1912	1912	1912	1912
G 35.0	1842	1841	1840	1840	1841	1842	1844	1844	1843	1843	1843	1844	1844	1844
G 40.0	1771	1769	1769	1769	1769	1770	1772	1772	1771	1771	1771	1772	1772	1772
G 45.0	1696	1693	1693	1694	1694	1695	1696	1696	1696	1696	1696	1696	1696	1696
G 50.0	1614	1613	1613	1614	1614	1615	1617	1617	1617	1618	1617	1617	1617	1617
G 55.0	1529	1530	1530	1529	1531	1532	1532	1534	1535	1532	1535	1534	1532	1532
G 60.0	1440	1438	1439	1440	1440	1441	1443	1443	1443	1443	1443	1443	1443	1443
G 65.0	1343	1340	1340	1341	1341	1343	1345	1344	1344	1347	1344	1344	1345	1345
G 70.0	1225	1222	1224	1227	1227	1228	1229	1229	1230	1234	1230	1229	1229	1229
G 75.0	1087	1081	1083	1087	1085	1084	1087	1088	1092	1098	1092	1088	1087	1087
G 80.0	902	899	898	898	895	896	902	902	903	906	903	902	902	902
G 85.0	615	596	591	591	576	579	597	594	594	609	594	594	597	597
G 90.0	367	247	233	275	236	239	288	256	232	262	232	256	288	288

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Source Flux	16544 lm		Maximum value		228.20 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	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177	
G 5.0	2156	2156	2157	2157	2157	2158	2157	2157	2157	2156	2156	2157	2157	
G 10.0	2125	2125	2125	2126	2126	2127	2126	2126	2125	2125	2125	2126	2126	
G 15.0	2083	2083	2085	2084	2084	2085	2084	2084	2085	2083	2083	2085	2085	
G 20.0	2033	2032	2033	2033	2034	2035	2034	2033	2033	2032	2033	2034	2034	
G 25.0	1975	1974	1974	1974	1974	1975	1974	1974	1974	1974	1975	1976	1976	
G 30.0	1911	1910	1910	1910	1911	1912	1911	1910	1910	1910	1911	1912	1912	
G 35.0	1842	1841	1840	1840	1841	1842	1841	1840	1840	1841	1842	1844	1844	
G 40.0	1770	1769	1769	1769	1769	1771	1769	1769	1769	1769	1770	1772	1772	
G 45.0	1695	1694	1694	1693	1693	1696	1693	1693	1694	1694	1695	1696	1696	
G 50.0	1615	1614	1614	1613	1613	1614	1613	1613	1614	1614	1615	1617	1617	
G 55.0	1532	1531	1529	1530	1530	1529	1530	1530	1529	1531	1532	1532	1534	
G 60.0	1441	1440	1440	1439	1438	1440	1438	1439	1440	1440	1441	1443	1443	
G 65.0	1343	1341	1341	1340	1340	1343	1340	1340	1341	1341	1343	1345	1344	
G 70.0	1228	1227	1227	1224	1222	1225	1222	1224	1227	1227	1228	1229	1229	
G 75.0	1084	1085	1087	1083	1081	1087	1081	1083	1087	1085	1084	1087	1088	
G 80.0	896	895	898	898	899	902	899	898	898	895	896	902	902	
G 85.0	579	576	591	591	596	615	596	591	591	576	579	597	594	
G 90.0	239	236	275	233	247	367	247	233	275	236	239	288	256	

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Source Flux	16544 lm	Maximum value	228.20 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	2177	2177	2177	2177	2177	2177	2177	2177	2177	2177
G 5.0	2157	2156	2157	2157	2157	2156	2156	2157	2157	2157
G 10.0	2126	2124	2126	2126	2126	2125	2125	2125	2126	2126
G 15.0	2085	2085	2085	2085	2085	2083	2083	2085	2084	2084
G 20.0	2034	2033	2034	2034	2034	2033	2032	2033	2033	2034
G 25.0	1976	1976	1976	1976	1976	1975	1974	1974	1974	1974
G 30.0	1912	1911	1912	1912	1912	1911	1910	1910	1910	1911
G 35.0	1843	1843	1843	1844	1844	1842	1841	1840	1840	1841
G 40.0	1771	1771	1771	1772	1772	1770	1769	1769	1769	1769
G 45.0	1696	1696	1696	1696	1696	1695	1694	1694	1693	1693
G 50.0	1617	1618	1617	1617	1617	1615	1614	1614	1613	1613
G 55.0	1535	1532	1535	1534	1532	1532	1531	1529	1530	1530
G 60.0	1443	1443	1443	1443	1443	1441	1440	1440	1439	1438
G 65.0	1344	1347	1344	1344	1345	1343	1341	1341	1340	1340
G 70.0	1230	1234	1230	1229	1229	1228	1227	1227	1224	1222
G 75.0	1092	1098	1092	1088	1087	1084	1085	1087	1083	1081
G 80.0	903	906	903	902	902	896	895	898	898	899
G 85.0	594	609	594	594	597	579	576	591	591	596
G 90.0	232	262	232	256	288	239	236	275	233	247