

**Luminaire**

Code 90635L120  
Name CONCEPT O 65 D1200 LIGHT+ 830

**Measurem.**

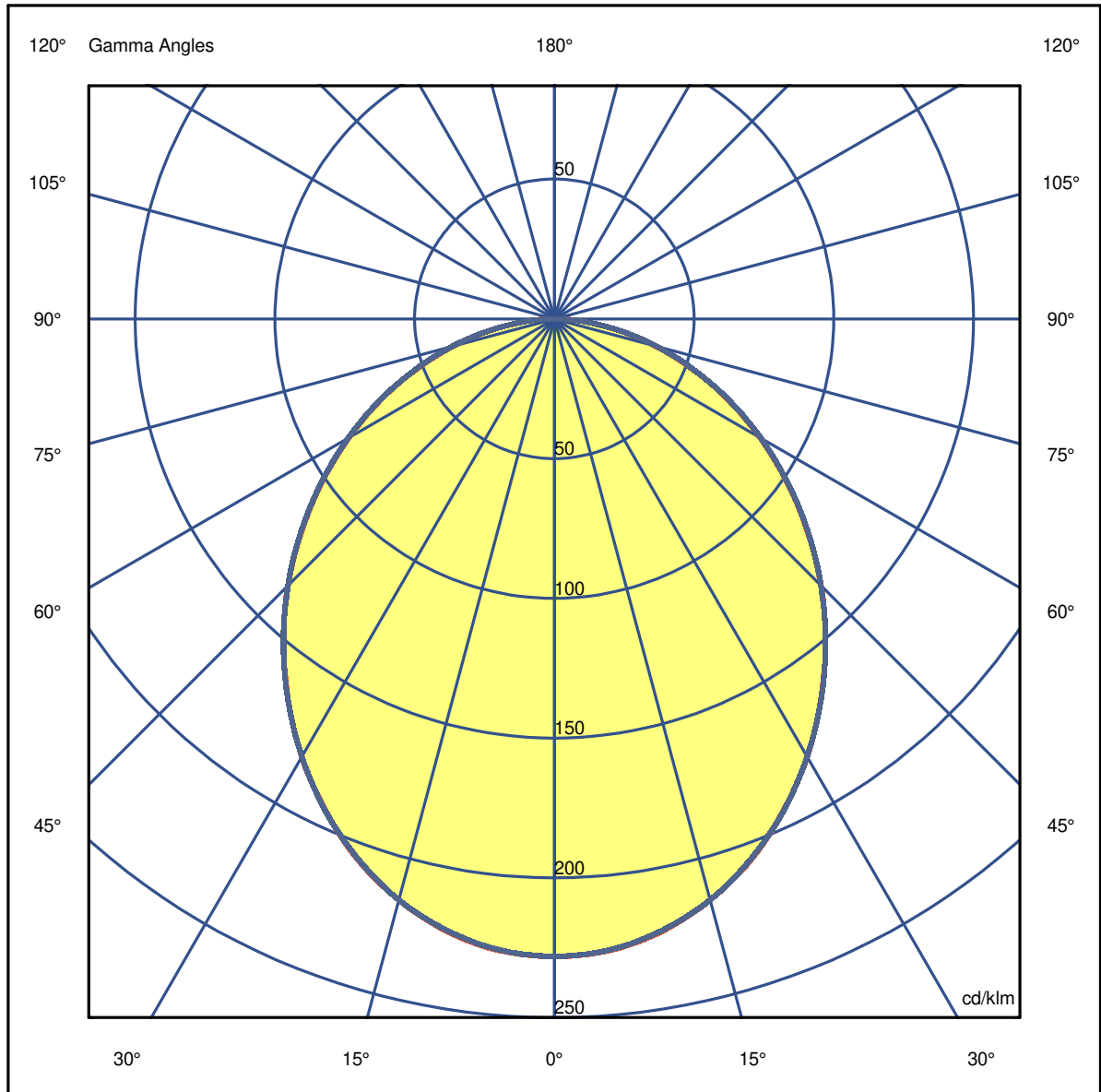
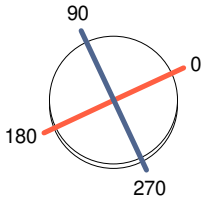
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Luminaire Flux	8081 lm	Luminaire Power	77.0 W	Efficacy	105.006 lm/W	Efficiency	59.07%
Source Flux	13680 lm	Maximum value	228.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1200mm

C Halfplanes

180.0  0.0  
270.0  90.0



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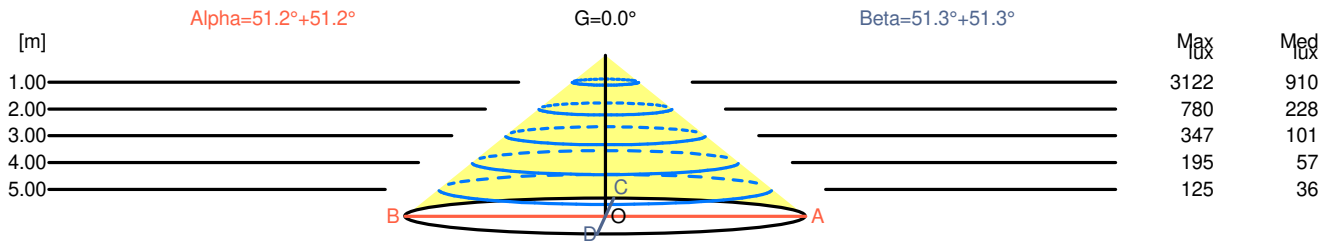
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Width at 50.00 % of Max Intensity

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	1.24	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

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	3121.78	3102.62	2943.94	2653.92	2273.62	1845.43	1388.52	941.18	513.00	140.90
OB	3121.78	3102.62	2943.94	2653.92	2273.62	1845.43	1388.52	941.18	513.00	140.90
OC	3121.78	3099.89	2943.94	2655.29	2274.98	1845.43	1391.26	943.92	518.47	139.54
OD	3121.78	3099.89	2943.94	2655.29	2274.98	1845.43	1391.26	943.92	518.47	139.54



H[m]	D[m]	Max lux	Med lux	Alpha=51.2°+51.2°	G=0.0	
1.00	2.49	3122	910			
2.00	4.98	780	228			
3.00	7.47	347	101			
4.00	9.96	195	57			
5.00	12.45	125	36			

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0	
1.00	2.50	3122	910			
2.00	5.00	780	228			
3.00	7.49	347	101			
4.00	9.99	195	57			
5.00	12.49	125	36			

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Source Flux	13680 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	Lateral View					Viewed Endwise				
x=2H y=2H	14.8	16.1	15.1	16.3	16.6	14.8	16.1	15.1	16.3	16.6
x=2H y=3H	16.2	17.4	16.5	17.6	17.9	16.2	17.4	16.5	17.7	17.9
x=2H y=4H	16.7	17.9	17.1	18.1	18.4	16.8	17.9	17.1	18.2	18.5
x=2H y=6H	17.2	18.2	17.5	18.5	18.8	17.2	18.2	17.5	18.5	18.8
x=2H y=8H	17.3	18.3	17.6	18.6	18.9	17.3	18.3	17.7	18.6	18.9
x=2H y=12H	17.3	18.2	17.7	18.6	18.9	17.3	18.3	17.7	18.6	18.9
x=4H y=2H	15.4	16.5	15.7	16.8	17.1	15.4	16.5	15.8	16.8	17.1
x=4H y=3H	17.0	18.0	17.4	18.3	18.6	17.0	18.0	17.4	18.3	18.6
x=4H y=4H	17.7	18.6	18.1	18.9	19.3	17.7	18.6	18.1	18.9	19.3
x=4H y=6H	18.2	18.9	18.6	19.3	19.7	18.2	18.9	18.6	19.3	19.7
x=4H y=8H	18.4	19.0	18.8	19.4	19.8	18.4	19.1	18.8	19.5	19.9
x=4H y=12H	18.5	19.1	18.9	19.5	19.9	18.5	19.1	18.9	19.5	19.9
x=8H y=4H	18.0	18.6	18.4	19.0	19.5	18.0	18.7	18.4	19.1	19.5
x=8H y=6H	18.6	19.1	19.0	19.6	20.0	18.6	19.2	19.1	19.6	20.0
x=8H y=8H	18.8	19.3	19.3	19.8	20.2	18.8	19.3	19.3	19.8	20.3
x=8H y=12H	18.9	19.4	19.4	19.8	20.4	19.0	19.4	19.5	19.9	20.4
x=12H y=4H	18.0	18.6	18.4	19.0	19.5	18.0	18.6	18.5	19.0	19.5
x=12H y=6H	18.6	19.1	19.1	19.6	20.1	18.7	19.2	19.2	19.6	20.1
x=12H y=8H	18.9	19.3	19.4	19.8	20.3	18.9	19.3	19.4	19.8	20.3

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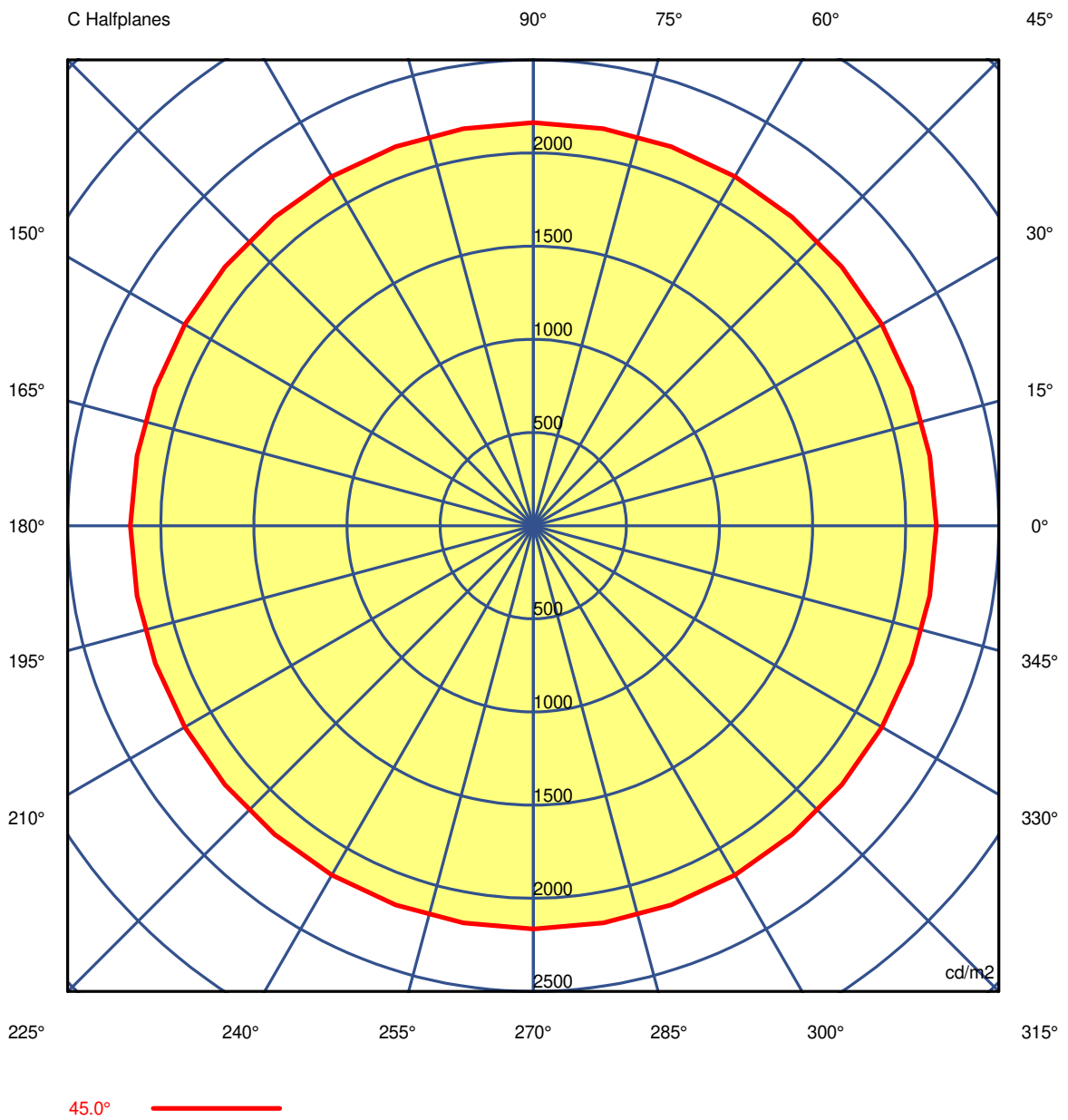
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Luminaire Flux	8081 lm	Luminaire Power	77.0 W	Efficacy	105.006 lm/W	Efficiency	59.07%
Source Flux	13680 lm	Maximum value	228.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	13680 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	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826
G 5.0	2797	2796	2796	2796	2795	2795	2796	2796	2795	2794	2795	2796	2796
G 10.0	2752	2751	2750	2750	2750	2750	2751	2751	2750	2748	2750	2751	2751
G 15.0	2693	2692	2692	2693	2691	2691	2693	2693	2693	2693	2693	2693	2693
G 20.0	2625	2623	2622	2622	2621	2622	2624	2624	2623	2622	2623	2624	2624
G 25.0	2542	2541	2541	2541	2542	2543	2544	2544	2544	2544	2544	2544	2544
G 30.0	2457	2455	2454	2454	2454	2455	2457	2457	2457	2456	2457	2457	2457
G 35.0	2362	2360	2360	2360	2361	2363	2364	2365	2364	2363	2364	2365	2364
G 40.0	2266	2263	2263	2263	2263	2264	2267	2267	2266	2266	2266	2267	2267
G 45.0	2165	2161	2160	2162	2162	2163	2165	2165	2165	2165	2165	2165	2165
G 50.0	2054	2052	2052	2054	2054	2055	2057	2057	2057	2059	2057	2057	2057
G 55.0	1939	1940	1940	1939	1941	1942	1942	1945	1946	1942	1946	1945	1942
G 60.0	1818	1816	1816	1818	1818	1819	1822	1822	1822	1822	1822	1822	1822
G 65.0	1686	1682	1682	1684	1684	1685	1688	1687	1687	1691	1687	1687	1688
G 70.0	1526	1523	1524	1528	1528	1529	1531	1531	1533	1537	1533	1531	1531
G 75.0	1338	1332	1333	1338	1336	1335	1338	1340	1345	1353	1345	1340	1338
G 80.0	1090	1086	1086	1086	1081	1083	1090	1090	1091	1095	1091	1090	1090
G 85.0	716	694	688	688	671	675	695	692	691	709	691	692	695
G 90.0	380	256	242	285	244	248	299	266	241	271	241	266	299

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**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	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826
G 5.0	2795	2795	2796	2796	2796	2797	2796	2796	2796	2795	2795	2796	2796
G 10.0	2750	2750	2750	2750	2751	2752	2751	2750	2750	2750	2750	2751	2751
G 15.0	2691	2691	2693	2692	2692	2693	2692	2692	2693	2691	2691	2693	2693
G 20.0	2622	2621	2622	2622	2623	2625	2623	2622	2622	2621	2622	2624	2624
G 25.0	2543	2542	2541	2541	2541	2542	2541	2541	2541	2542	2543	2544	2544
G 30.0	2455	2454	2454	2454	2455	2457	2455	2454	2454	2454	2455	2457	2457
G 35.0	2363	2361	2360	2360	2360	2362	2360	2360	2360	2361	2363	2364	2365
G 40.0	2264	2263	2263	2263	2263	2266	2263	2263	2263	2263	2264	2267	2267
G 45.0	2163	2162	2162	2160	2161	2165	2161	2160	2162	2162	2163	2165	2165
G 50.0	2055	2054	2054	2052	2052	2054	2052	2052	2054	2054	2055	2057	2057
G 55.0	1942	1941	1939	1940	1940	1939	1940	1940	1939	1941	1942	1942	1945
G 60.0	1819	1818	1818	1816	1816	1816	1816	1816	1818	1818	1819	1822	1822
G 65.0	1685	1684	1684	1682	1682	1686	1682	1682	1684	1684	1685	1688	1687
G 70.0	1529	1528	1528	1524	1523	1526	1523	1524	1528	1528	1529	1531	1531
G 75.0	1335	1336	1338	1333	1332	1338	1332	1333	1338	1336	1335	1338	1340
G 80.0	1083	1081	1086	1086	1086	1090	1086	1086	1086	1081	1083	1090	1090
G 85.0	675	671	688	688	694	716	694	688	688	671	675	695	692
G 90.0	248	244	285	242	256	380	256	242	285	244	248	299	266

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**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	2826	2826	2826	2826	2826	2826	2826	2826	2826	2826
G 5.0	2795	2794	2795	2796	2796	2795	2795	2796	2796	2796
G 10.0	2750	2748	2750	2751	2751	2750	2750	2750	2750	2751
G 15.0	2693	2693	2693	2693	2693	2691	2691	2693	2692	2692
G 20.0	2623	2622	2623	2624	2624	2622	2621	2622	2622	2623
G 25.0	2544	2544	2544	2544	2544	2543	2542	2541	2541	2541
G 30.0	2457	2456	2457	2457	2457	2455	2454	2454	2454	2455
G 35.0	2364	2363	2364	2365	2364	2363	2361	2360	2360	2360
G 40.0	2266	2266	2266	2267	2267	2264	2263	2263	2263	2263
G 45.0	2165	2165	2165	2165	2165	2163	2162	2162	2160	2161
G 50.0	2057	2059	2057	2057	2057	2055	2054	2054	2052	2052
G 55.0	1946	1942	1946	1945	1942	1942	1941	1939	1940	1940
G 60.0	1822	1822	1822	1822	1822	1819	1818	1818	1816	1816
G 65.0	1687	1691	1687	1687	1688	1685	1684	1684	1682	1682
G 70.0	1533	1537	1533	1531	1531	1529	1528	1528	1524	1523
G 75.0	1345	1353	1345	1340	1338	1335	1336	1338	1333	1332
G 80.0	1091	1095	1091	1090	1090	1083	1081	1086	1086	1086
G 85.0	691	709	691	692	695	675	671	688	688	694
G 90.0	241	271	241	266	299	248	244	285	242	256