

Luminaire

Code 90636L120

Name CONCEPT O 65 D/I D1200 LIGHT+ 830

Measurem.

Code 31/7/2023

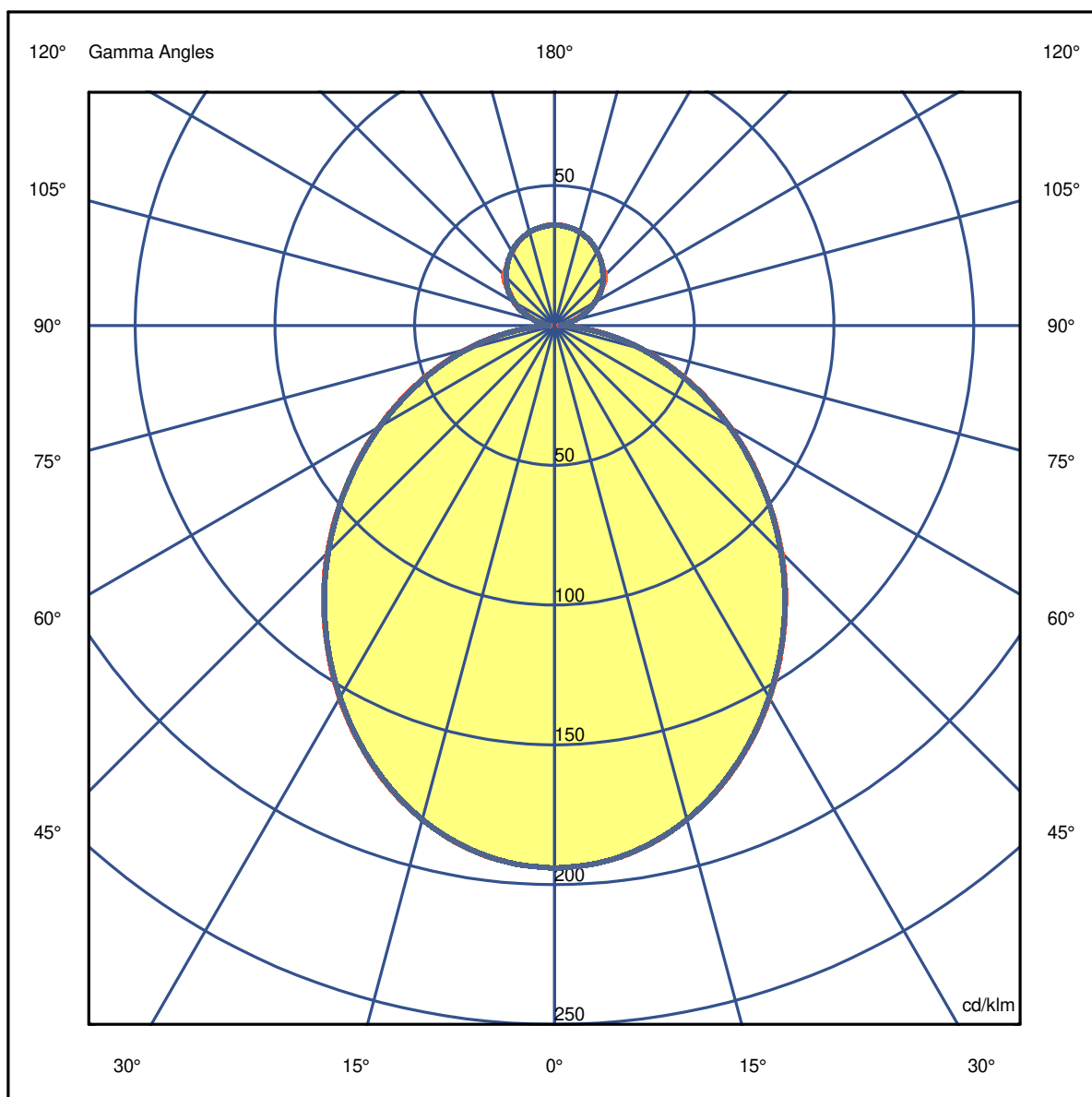
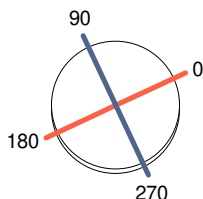
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Luminaire Flux	9651 lm	Luminaire Power	91.8 W	Efficacy	105.173 lm/W	Efficiency	60.93%
Source Flux	15840 lm	Maximum value	194.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1200mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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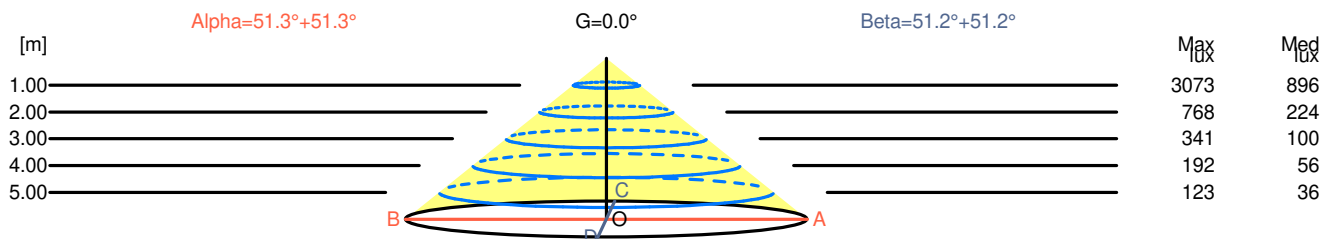
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Width at 50.00 % of Max Intensity

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	1.25	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	3072.96	3052.37	2897.14	2613.60	2241.36	1820.02	1371.74	929.81	511.63	137.81
OB	3072.96	3052.37	2897.14	2613.60	2241.36	1820.02	1371.74	929.81	511.63	137.81
OC	3072.96	3052.37	2897.14	2610.43	2236.61	1812.10	1365.41	920.30	503.71	137.81
OD	3072.96	3052.37	2897.14	2610.43	2236.61	1812.10	1365.41	920.30	503.71	137.81



H[m]	D[m]	Max lux	Med lux	Alpha=51.3°+51.3°	G=0.0
1.00	2.50	3073	896		
2.00	4.99	768	224		
3.00	7.49	341	100		
4.00	9.99	192	56		
5.00	12.49	123	36		

H[m]	D[m]	Max lux	Med lux	Beta=51.2°+51.2°	G=0.0
1.00	2.49	3073	896		
2.00	4.98	768	224		
3.00	7.47	341	100		
4.00	9.96	192	56		
5.00	12.45	123	36		

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Source Flux	15840 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	x=2H y=3H	x=2H y=4H	x=2H y=6H	x=2H y=8H	x=2H y=12H	x=4H y=2H	x=4H y=3H	x=4H y=4H	x=4H y=6H
	13.7	14.8	14.2	15.3	15.9	13.7	14.8	14.2	15.3	15.9
	15.1	16.1	15.6	16.6	17.2	15.1	16.0	15.6	16.6	17.2
	15.6	16.5	16.2	17.1	17.7	15.6	16.5	16.2	17.1	17.7
	16.0	16.8	16.6	17.4	18.0	15.9	16.8	16.5	17.4	18.0
	16.1	16.9	16.7	17.5	18.1	16.0	16.9	16.6	17.5	18.1
	16.1	16.9	16.7	17.5	18.2	16.1	16.8	16.7	17.5	18.2
	14.3	15.2	14.8	15.7	16.4	14.2	15.2	14.8	15.7	16.4
	15.8	16.6	16.4	17.2	17.9	15.8	16.6	16.4	17.2	17.9
	16.5	17.1	17.1	17.8	18.5	16.4	17.1	17.1	17.7	18.5
	16.9	17.5	17.6	18.2	18.9	16.9	17.5	17.6	18.1	18.9
	17.1	17.6	17.8	18.3	19.0	17.0	17.6	17.7	18.3	19.0
	17.1	17.6	17.8	18.3	19.1	17.1	17.6	17.8	18.3	19.1
	16.7	17.2	17.3	17.9	18.6	16.6	17.2	17.3	17.9	18.6
	17.3	17.7	18.0	18.4	19.2	17.2	17.7	17.9	18.4	19.2
	17.5	17.9	18.2	18.6	19.4	17.4	17.8	18.2	18.5	19.4
	17.6	17.9	18.3	18.7	19.5	17.6	17.9	18.3	18.6	19.5
	16.7	17.1	17.4	17.8	18.6	16.6	17.1	17.3	17.8	18.6
	17.3	17.7	18.0	18.4	19.2	17.3	17.6	18.0	18.4	19.2
	17.5	17.9	18.3	18.6	19.4	17.5	17.8	18.2	18.6	19.4

Luminaire

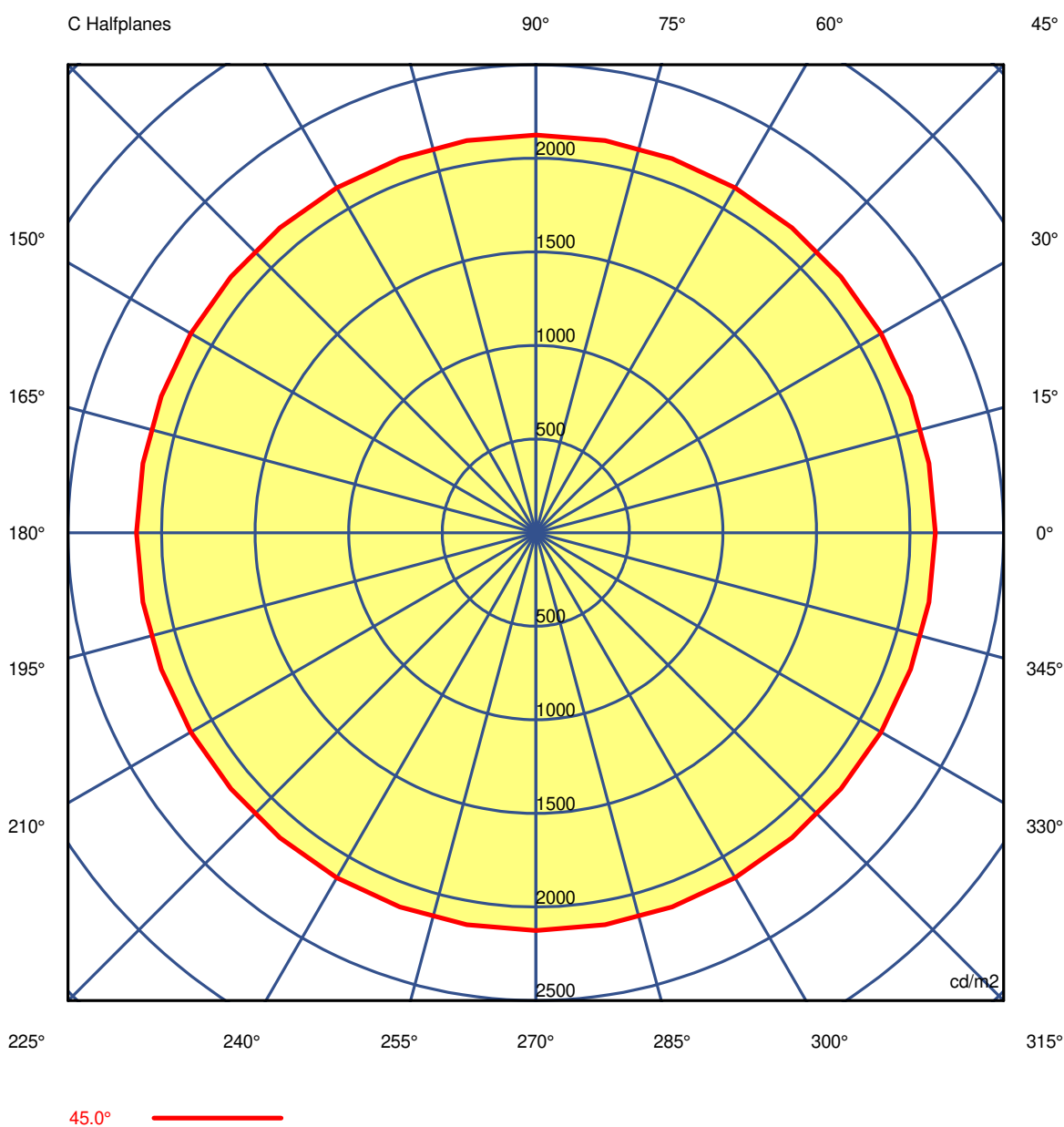
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Luminaire Flux	9651 lm	Luminaire Power	91.8 W	Efficacy	105.173 lm/W	Efficiency	60.93%
Source Flux	15840 lm	Maximum value	194.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux	9651 lm		Luminaire Power		91.8 W		Efficacy		105.173 lm/W		Efficiency		60.93%	
Source Flux	15840 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	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782
G 5.0	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752
G 10.0	2708	2708	2708	2707	2708	2708	2708	2708	2708	2707	2708	2708	2708	2708
G 15.0	2650	2650	2650	2650	2649	2650	2652	2651	2650	2650	2650	2651	2652	2652
G 20.0	2583	2580	2580	2581	2581	2581	2581	2580	2580	2580	2580	2580	2581	2581
G 25.0	2504	2504	2504	2504	2503	2502	2502	2504	2503	2501	2503	2504	2502	2502
G 30.0	2419	2418	2417	2417	2416	2416	2416	2416	2415	2414	2415	2416	2416	2416
G 35.0	2328	2327	2326	2325	2325	2325	2325	2325	2324	2323	2324	2325	2325	2325
G 40.0	2234	2232	2230	2229	2229	2230	2231	2230	2229	2229	2229	2230	2231	2231
G 45.0	2135	2132	2131	2129	2128	2128	2128	2128	2127	2126	2127	2128	2128	2128
G 50.0	2026	2026	2025	2022	2022	2021	2020	2021	2022	2022	2022	2021	2020	2020
G 55.0	1915	1914	1911	1909	1910	1910	1909	1909	1908	1906	1908	1909	1909	1909
G 60.0	1795	1793	1794	1795	1792	1791	1793	1792	1789	1788	1789	1792	1793	1793
G 65.0	1666	1659	1658	1660	1658	1657	1657	1656	1653	1649	1653	1656	1657	1657
G 70.0	1515	1513	1511	1508	1504	1501	1502	1505	1504	1498	1504	1505	1502	1502
G 75.0	1335	1324	1324	1327	1318	1314	1318	1316	1314	1314	1314	1316	1318	1318
G 80.0	1088	1085	1081	1077	1073	1074	1077	1074	1072	1072	1072	1074	1077	1077
G 85.0	701	695	689	684	683	687	693	699	701	701	701	699	693	693
G 90.0	330	371	415	424	362	361	393	311	300	424	300	311	393	393

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Source Flux	15840 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	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782	
G 5.0	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752	
G 10.0	2708	2708	2707	2708	2708	2708	2708	2708	2707	2708	2708	2708	2708	
G 15.0	2650	2649	2650	2650	2650	2650	2650	2650	2650	2649	2650	2652	2651	
G 20.0	2581	2581	2581	2580	2580	2583	2580	2580	2581	2581	2581	2581	2580	
G 25.0	2502	2503	2504	2504	2504	2504	2504	2504	2504	2503	2502	2502	2504	
G 30.0	2416	2416	2417	2417	2418	2419	2418	2417	2417	2416	2416	2416	2416	
G 35.0	2325	2325	2325	2326	2327	2328	2327	2326	2325	2325	2325	2325	2325	
G 40.0	2230	2229	2229	2230	2232	2234	2232	2230	2229	2229	2230	2231	2230	
G 45.0	2128	2128	2129	2131	2132	2135	2132	2131	2129	2128	2128	2128	2128	
G 50.0	2021	2022	2022	2025	2026	2026	2026	2025	2022	2022	2021	2020	2021	
G 55.0	1910	1910	1909	1911	1914	1915	1914	1911	1909	1910	1910	1909	1909	
G 60.0	1791	1792	1795	1794	1793	1795	1793	1794	1795	1792	1791	1793	1792	
G 65.0	1657	1658	1660	1658	1659	1666	1659	1658	1660	1658	1657	1657	1656	
G 70.0	1501	1504	1508	1511	1513	1515	1513	1511	1508	1504	1501	1502	1505	
G 75.0	1314	1318	1327	1324	1324	1335	1324	1324	1327	1318	1314	1318	1316	
G 80.0	1074	1073	1077	1081	1085	1088	1085	1081	1077	1073	1074	1077	1074	
G 85.0	687	683	684	689	695	701	695	689	684	683	687	693	699	
G 90.0	361	362	424	415	371	330	371	415	424	362	361	393	311	

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Source Flux	15840 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	2782	2782	2782	2782	2782	2782	2782	2782	2782	2782
G 5.0	2752	2752	2752	2752	2752	2752	2752	2752	2752	2752
G 10.0	2708	2707	2708	2708	2708	2708	2708	2707	2708	2708
G 15.0	2650	2650	2650	2651	2652	2650	2649	2650	2650	2650
G 20.0	2580	2580	2580	2580	2581	2581	2581	2581	2580	2580
G 25.0	2503	2501	2503	2504	2502	2502	2503	2504	2504	2504
G 30.0	2415	2414	2415	2416	2416	2416	2416	2417	2417	2418
G 35.0	2324	2323	2324	2325	2325	2325	2325	2325	2326	2327
G 40.0	2229	2229	2229	2230	2231	2230	2229	2229	2230	2232
G 45.0	2127	2126	2127	2128	2128	2128	2128	2129	2131	2132
G 50.0	2022	2022	2022	2021	2020	2021	2022	2022	2025	2026
G 55.0	1908	1906	1908	1909	1909	1910	1910	1909	1911	1914
G 60.0	1789	1788	1789	1792	1793	1791	1792	1795	1794	1793
G 65.0	1653	1649	1653	1656	1657	1657	1658	1660	1658	1659
G 70.0	1504	1498	1504	1505	1502	1501	1504	1508	1511	1513
G 75.0	1314	1314	1314	1316	1318	1314	1318	1327	1324	1324
G 80.0	1072	1072	1072	1074	1077	1074	1073	1077	1081	1085
G 85.0	701	701	701	699	693	687	683	684	689	695
G 90.0	300	424	300	311	393	361	362	424	415	371