

**Luminaire**

Code 90626L150

Name CONCEPT O 65 D/I D1500 GCONTROL+ 840

**Measurem.**

Code 31/7/2023

Name CONCEPT O 65 D/I D1500 GCONTROL+ 840

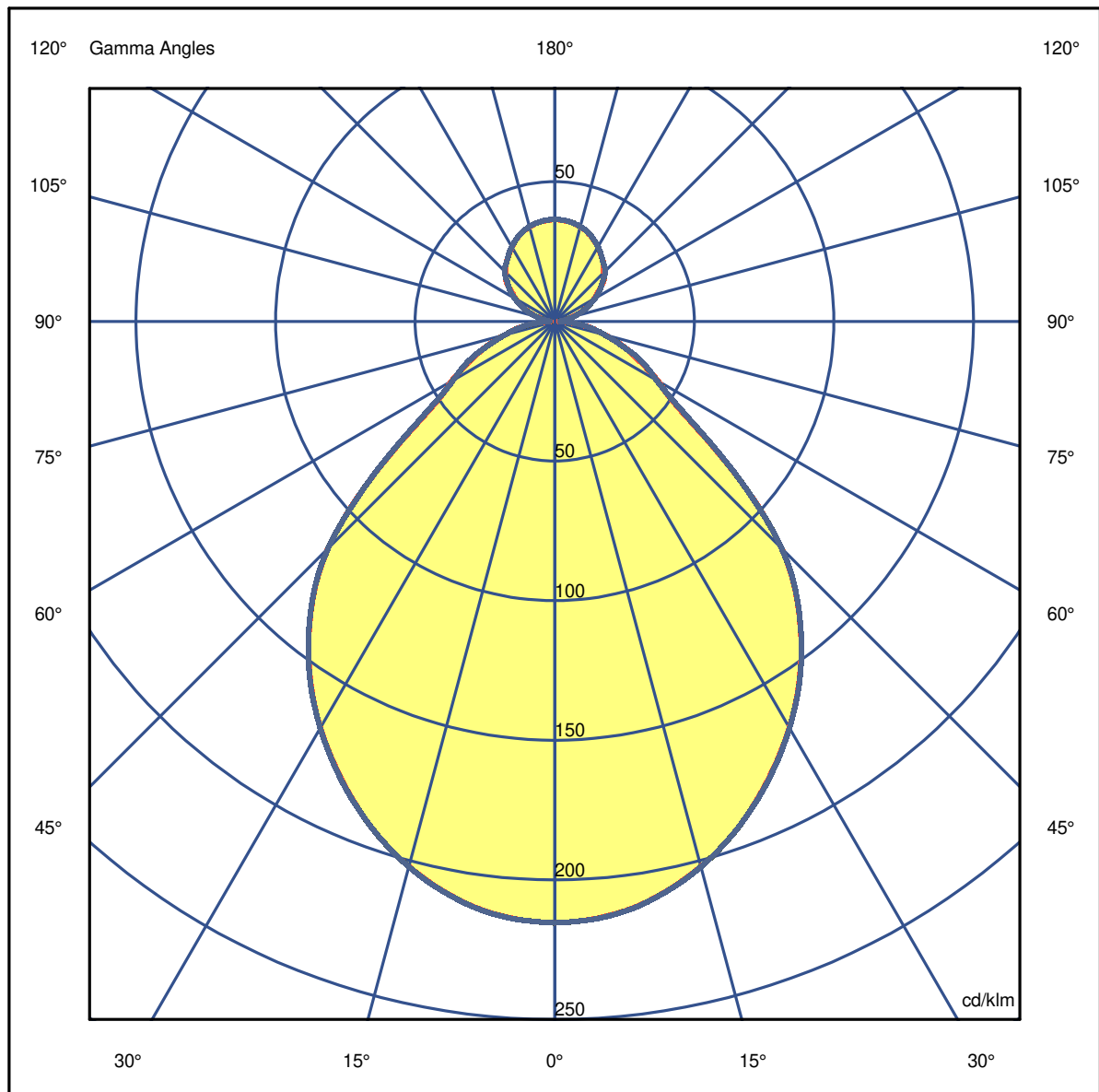
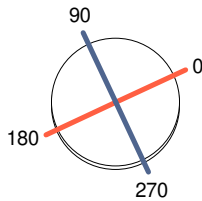
Luminaire Flux	11466 lm	Luminaire Power	109.5 W	Efficacy	104.689 lm/W	Efficiency	57.53%
Source Flux	19928 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1500mm

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



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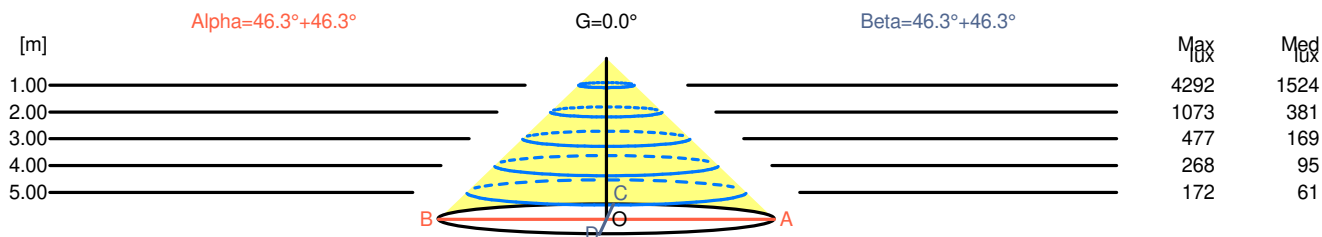
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Width at 50.00 % of Max Intensity

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	1.04	2.09	3.13	4.18	5.22	OC	1.04	2.09	3.13	4.18	5.22
OB	1.04	2.09	3.13	4.18	5.22	OD	1.04	2.09	3.13	4.18	5.22

	0	5	15	25	35	45	55	65	75	85
OA	4292.49	4260.61	4027.45	3604.98	3052.97	2287.73	1082.09	667.59	366.68	121.56
OB	4292.49	4260.61	4027.45	3604.98	3052.97	2287.73	1082.09	667.59	366.68	121.56
OC	4292.49	4262.60	4029.44	3608.96	3056.96	2289.73	1102.02	689.51	366.68	127.54
OD	4292.49	4262.60	4029.44	3608.96	3056.96	2289.73	1102.02	689.51	366.68	127.54



H[m]	D[m]	Max lux	Med lux	Alpha=46.3°+46.3°	G=0.0
1.00	2.09	4292	1524		
2.00	4.18	1073	381		
3.00	6.27	477	169		
4.00	8.36	268	95		
5.00	10.45	172	61		

H[m]	D[m]	Max lux	Med lux	Beta=46.3°+46.3°	G=0.0
1.00	2.09	4292	1524		
2.00	4.18	1073	381		
3.00	6.27	477	169		
4.00	8.36	268	95		
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Source Flux	19928 lm	Maximum value	215.40 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	11.5	12.5	12.1	13.0	13.6	11.7	12.7	12.2	13.2	13.8
x=2H y=3H	12.2	13.1	12.8	13.6	14.3	12.4	13.2	12.9	13.8	14.4
x=2H y=4H	12.6	13.4	13.1	13.9	14.6	12.7	13.5	13.2	14.0	14.7
x=2H y=6H	12.9	13.6	13.5	14.2	14.9	12.9	13.7	13.5	14.3	15.0
x=2H y=8H	13.0	13.7	13.6	14.3	15.0	13.0	13.8	13.7	14.4	15.0
x=2H y=12H	13.0	13.7	13.7	14.3	15.0	13.1	13.8	13.7	14.4	15.1
x=4H y=2H	11.9	12.7	12.5	13.3	13.9	12.0	12.9	12.6	13.4	14.1
x=4H y=3H	12.8	13.5	13.4	14.1	14.8	12.9	13.6	13.6	14.3	14.9
x=4H y=4H	13.2	13.8	13.9	14.5	15.2	13.4	14.0	14.0	14.7	15.4
x=4H y=6H	13.7	14.2	14.3	14.8	15.6	13.8	14.3	14.5	15.0	15.7
x=4H y=8H	13.8	14.3	14.5	15.0	15.8	13.9	14.4	14.6	15.1	15.9
x=4H y=12H	13.9	14.4	14.6	15.0	15.9	14.0	14.5	14.7	15.1	16.0
x=8H y=4H	13.4	13.9	14.1	14.6	15.3	13.6	14.0	14.2	14.7	15.5
x=8H y=6H	13.9	14.3	14.7	15.0	15.9	14.1	14.5	14.8	15.2	16.0
x=8H y=8H	14.2	14.5	14.9	15.3	16.1	14.3	14.6	15.0	15.4	16.2
x=8H y=12H	14.3	14.6	15.1	15.4	16.2	14.5	14.7	15.2	15.5	16.3
x=12H y=4H	13.4	13.8	14.1	14.5	15.3	13.5	14.0	14.2	14.7	15.5
x=12H y=6H	14.0	14.3	14.7	15.0	15.9	14.1	14.4	14.8	15.2	16.0
x=12H y=8H	14.2	14.5	15.0	15.3	16.1	14.3	14.6	15.1	15.4	16.2

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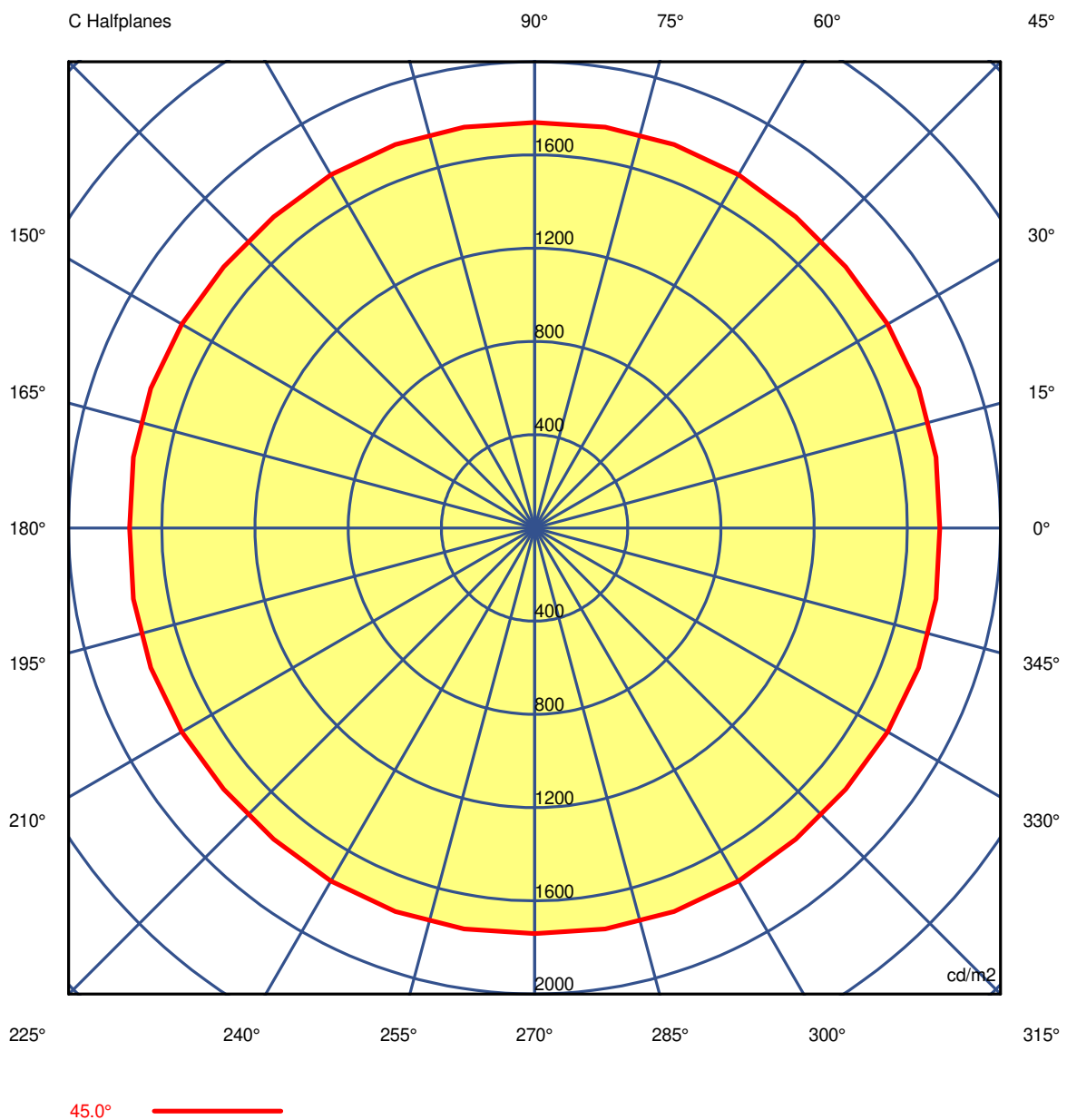
**Measurem.**

Code 31/7/2023

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Luminaire Flux	11466 lm	Luminaire Power	109.5 W	Efficacy	104.689 lm/W	Efficiency	57.53%
Source Flux	19928 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux		11466 lm		Luminaire Power		109.5 W		Efficacy		104.689 lm/W		Efficiency		57.53%	
Source Flux		19928 lm		Maximum value		215.40 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	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475
G 5.0	2450	2451	2452	2452	2451	2451	2452	2452	2452	2452	2452	2452	2452	2452	2452
G 10.0	2411	2411	2412	2412	2411	2411	2412	2412	2412	2412	2412	2412	2412	2412	2412
G 15.0	2358	2357	2358	2362	2362	2362	2363	2361	2360	2359	2360	2361	2363	2363	2363
G 20.0	2294	2294	2295	2299	2303	2304	2301	2299	2297	2294	2297	2299	2301	2301	2301
G 25.0	2218	2219	2221	2224	2229	2231	2228	2224	2221	2221	2221	2224	2228	2228	2228
G 30.0	2139	2138	2135	2134	2137	2138	2138	2139	2140	2140	2140	2139	2138	2138	2138
G 35.0	2045	2043	2039	2031	2030	2031	2033	2038	2043	2047	2043	2038	2033	2033	2033
G 40.0	1924	1923	1920	1914	1908	1908	1913	1919	1923	1925	1923	1919	1913	1913	1913
G 45.0	1739	1749	1753	1749	1743	1743	1749	1751	1747	1740	1747	1751	1749	1749	1749
G 50.0	1372	1401	1456	1512	1515	1523	1535	1505	1445	1373	1445	1505	1535	1535	1535
G 55.0	985	1021	1150	1296	1293	1309	1343	1244	1109	1003	1109	1244	1343	1343	1343
G 60.0	871	890	965	1084	1058	1086	1147	1017	888	859	888	1017	1147	1147	1147
G 65.0	788	749	792	870	872	904	941	816	745	814	745	816	941	941	941
G 70.0	728	710	715	739	760	805	823	729	677	725	677	729	823	823	823
G 75.0	642	658	655	646	665	706	726	687	649	642	649	687	726	726	726
G 80.0	609	607	599	590	590	603	613	598	589	599	589	598	613	613	613
G 85.0	439	475	478	453	434	435	453	477	480	460	480	477	453	453	453
G 90.0	268	300	330	331	282	278	300	239	239	347	239	239	300	300	300

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Source Flux		19928 lm		Maximum value		215.40 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	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475
G 5.0	2451	2451	2452	2452	2451	2450	2451	2452	2452	2451	2451	2452	2451	2451	2451	2451	2452	2452	2451	2451	2452	2452	2451	2452	2452	2452
G 10.0	2411	2411	2412	2412	2411	2411	2411	2412	2412	2411	2411	2412	2411	2411	2411	2412	2412	2411	2411	2412	2412	2411	2412	2412	2412	2412
G 15.0	2362	2362	2362	2358	2357	2358	2357	2358	2362	2362	2362	2362	2362	2362	2362	2362	2363	2362	2362	2362	2363	2363	2362	2363	2361	2361
G 20.0	2304	2303	2299	2295	2294	2294	2294	2295	2299	2303	2304	2301	2299	2299	2299	2299	2299	2299	2299	2299	2299	2299	2299	2299	2299	2299
G 25.0	2231	2229	2224	2221	2219	2218	2219	2221	2224	2229	2231	2228	2224	2229	2231	2228	2228	2228	2228	2228	2228	2228	2228	2228	2228	2224
G 30.0	2138	2137	2134	2135	2138	2139	2138	2135	2134	2137	2138	2138	2137	2137	2137	2137	2137	2137	2137	2137	2137	2137	2137	2137	2137	2139
G 35.0	2031	2030	2031	2039	2043	2045	2043	2039	2031	2030	2031	2033	2038	2038	2038	2038	2038	2038	2038	2038	2038	2038	2038	2038	2038	2038
G 40.0	1908	1908	1914	1920	1923	1924	1923	1920	1914	1908	1908	1913	1919	1919	1919	1919	1919	1919	1919	1919	1919	1919	1919	1919	1919	1919
G 45.0	1743	1743	1749	1753	1749	1739	1749	1753	1749	1743	1743	1749	1751	1749	1749	1749	1749	1749	1749	1749	1749	1749	1749	1749	1749	1751
G 50.0	1523	1515	1512	1456	1401	1372	1401	1456	1512	1515	1523	1535	1505	1505	1505	1505	1505	1505	1505	1505	1505	1505	1505	1505	1505	1505
G 55.0	1309	1293	1296	1150	1021	985	1021	1150	1296	1293	1309	1343	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244	1244
G 60.0	1086	1058	1084	965	890	871	890	965	1084	1058	1086	1147	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017	1017
G 65.0	904	872	870	792	749	788	749	792	870	872	904	941	816	816	816	816	816	816	816	816	816	816	816	816	816	816
G 70.0	805	760	739	715	710	728	710	715	739	760	805	823	729	729	729	729	729	729	729	729	729	729	729	729	729	729
G 75.0	706	665	646	655	658	642	658	655	646	665	706	726	687	687	687	687	687	687	687	687	687	687	687	687	687	687
G 80.0	603	590	590	599	607	609	607	599	590	590	603	613	598	598	598	598	598	598	598	598	598	598	598	598	598	598
G 85.0	435	434	453	478	475	439	475	478	453	434	435	453	477	477	477	477	477	477	477	477	477	477	477	477	477	477
G 90.0	278	282	331	330	300	268	300	330	331	282	278	300	239	239	239	239	239	239	239	239	239	239	239	239	239	239

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Source Flux	19928 lm	Maximum value	215.40 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	2475	2475	2475	2475	2475	2475	2475	2475	2475	2475
G 5.0	2452	2452	2452	2452	2452	2451	2451	2452	2452	2451
G 10.0	2412	2412	2412	2412	2412	2411	2411	2412	2412	2411
G 15.0	2360	2359	2360	2361	2363	2362	2362	2362	2358	2357
G 20.0	2297	2294	2297	2299	2301	2304	2303	2299	2295	2294
G 25.0	2221	2221	2221	2224	2228	2231	2229	2224	2221	2219
G 30.0	2140	2140	2140	2139	2138	2138	2137	2134	2135	2138
G 35.0	2043	2047	2043	2038	2033	2031	2030	2031	2039	2043
G 40.0	1923	1925	1923	1919	1913	1908	1908	1914	1920	1923
G 45.0	1747	1740	1747	1751	1749	1743	1743	1749	1753	1749
G 50.0	1445	1373	1445	1505	1535	1523	1515	1512	1456	1401
G 55.0	1109	1003	1109	1244	1343	1309	1293	1296	1150	1021
G 60.0	888	859	888	1017	1147	1086	1058	1084	965	890
G 65.0	745	814	745	816	941	904	872	870	792	749
G 70.0	677	725	677	729	823	805	760	739	715	710
G 75.0	649	642	649	687	726	706	665	646	655	658
G 80.0	589	599	589	598	613	603	590	590	599	607
G 85.0	480	460	480	477	453	435	434	453	478	475
G 90.0	239	347	239	239	300	278	282	331	330	300