

Luminaire

Code 90626L150

Name CONCEPT O 65 D/I D1500 GCONTROL+ 830

Measurem.

Code 31/7/2023

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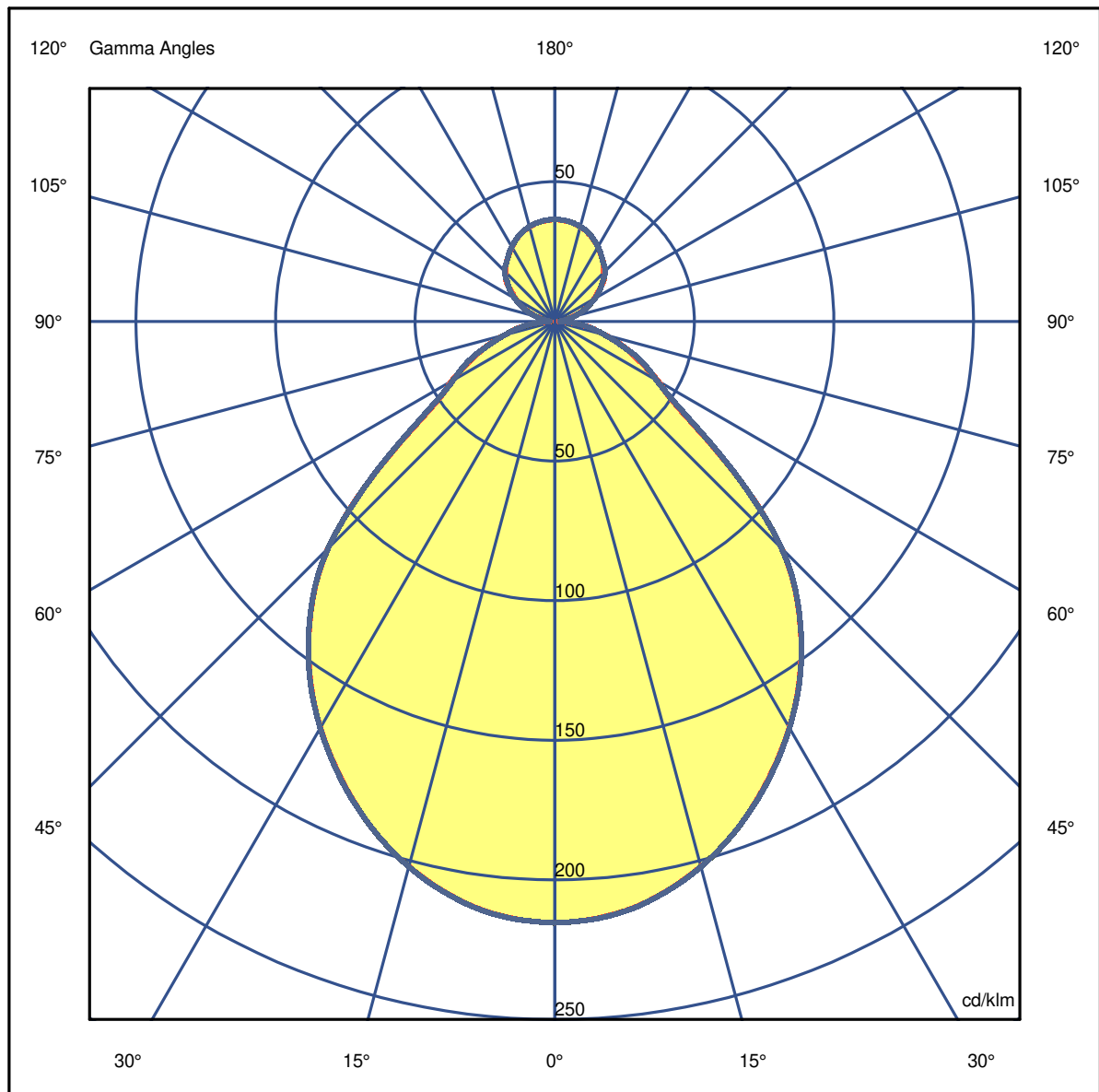
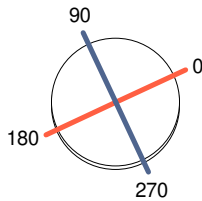
Luminaire Flux	10978 lm	Luminaire Power	109.5 W	Efficacy	100.234 lm/W	Efficiency	57.53%
Source Flux	19080 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1500mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



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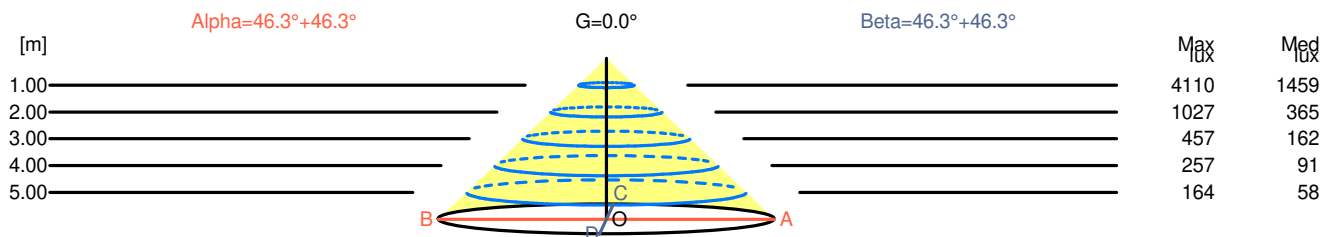
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Width at 50.00 % of Max Intensity

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	4109.83	4079.30	3856.07	3451.57	2923.06	2190.38	1036.04	639.18	351.07	116.39
OB	4109.83	4079.30	3856.07	3451.57	2923.06	2190.38	1036.04	639.18	351.07	116.39
OC	4109.83	4081.21	3857.98	3455.39	2926.87	2192.29	1055.12	660.17	351.07	122.11
OD	4109.83	4081.21	3857.98	3455.39	2926.87	2192.29	1055.12	660.17	351.07	122.11



H[m]	D[m]	Max lux	Med lux	Alpha=46.3°+46.3°	G=0.0
1.00	2.09	4110	1459		
2.00	4.18	1027	365		
3.00	6.27	457	162		
4.00	8.36	257	91		
5.00	10.45	164	58		

H[m]	D[m]	Max lux	Med lux	Beta=46.3°+46.3°	G=0.0
1.00	2.09	4110	1459		
2.00	4.18	1027	365		
3.00	6.27	457	162		
4.00	8.36	257	91		
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Source Flux	19080 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	11.4	12.4	11.9	12.9	13.4	11.6	12.5	12.1	13.0	13.6
x=2H y=3H	12.1	13.0	12.6	13.5	14.1	12.2	13.1	12.8	13.6	14.2
x=2H y=4H	12.4	13.2	13.0	13.8	14.5	12.5	13.3	13.1	13.9	14.6
x=2H y=6H	12.7	13.5	13.3	14.1	14.7	12.8	13.5	13.4	14.1	14.8
x=2H y=8H	12.8	13.5	13.4	14.2	14.8	12.9	13.6	13.5	14.2	14.9
x=2H y=12H	12.9	13.6	13.5	14.2	14.9	12.9	13.6	13.6	14.3	14.9
x=4H y=2H	11.7	12.6	12.3	13.1	13.8	11.9	12.7	12.5	13.3	13.9
x=4H y=3H	12.6	13.3	13.3	13.9	14.6	12.8	13.5	13.4	14.1	14.8
x=4H y=4H	13.1	13.7	13.7	14.3	15.1	13.2	13.9	13.9	14.5	15.2
x=4H y=6H	13.5	14.0	14.2	14.7	15.5	13.6	14.2	14.3	14.8	15.6
x=4H y=8H	13.7	14.1	14.4	14.8	15.6	13.8	14.3	14.5	14.9	15.7
x=4H y=12H	13.8	14.2	14.5	14.9	15.7	13.9	14.3	14.6	15.0	15.8
x=8H y=4H	13.3	13.7	13.9	14.4	15.2	13.4	13.9	14.1	14.5	15.3
x=8H y=6H	13.8	14.2	14.5	14.9	15.7	13.9	14.3	14.6	15.0	15.8
x=8H y=8H	14.0	14.4	14.8	15.1	15.9	14.1	14.5	14.9	15.2	16.0
x=8H y=12H	14.2	14.5	14.9	15.2	16.1	14.3	14.6	15.1	15.3	16.2
x=12H y=4H	13.2	13.7	14.0	14.4	15.2	13.4	13.8	14.1	14.5	15.3
x=12H y=6H	13.8	14.2	14.6	14.9	15.7	13.9	14.3	14.7	15.0	15.8
x=12H y=8H	14.1	14.4	14.8	15.1	16.0	14.2	14.5	14.9	15.2	16.1

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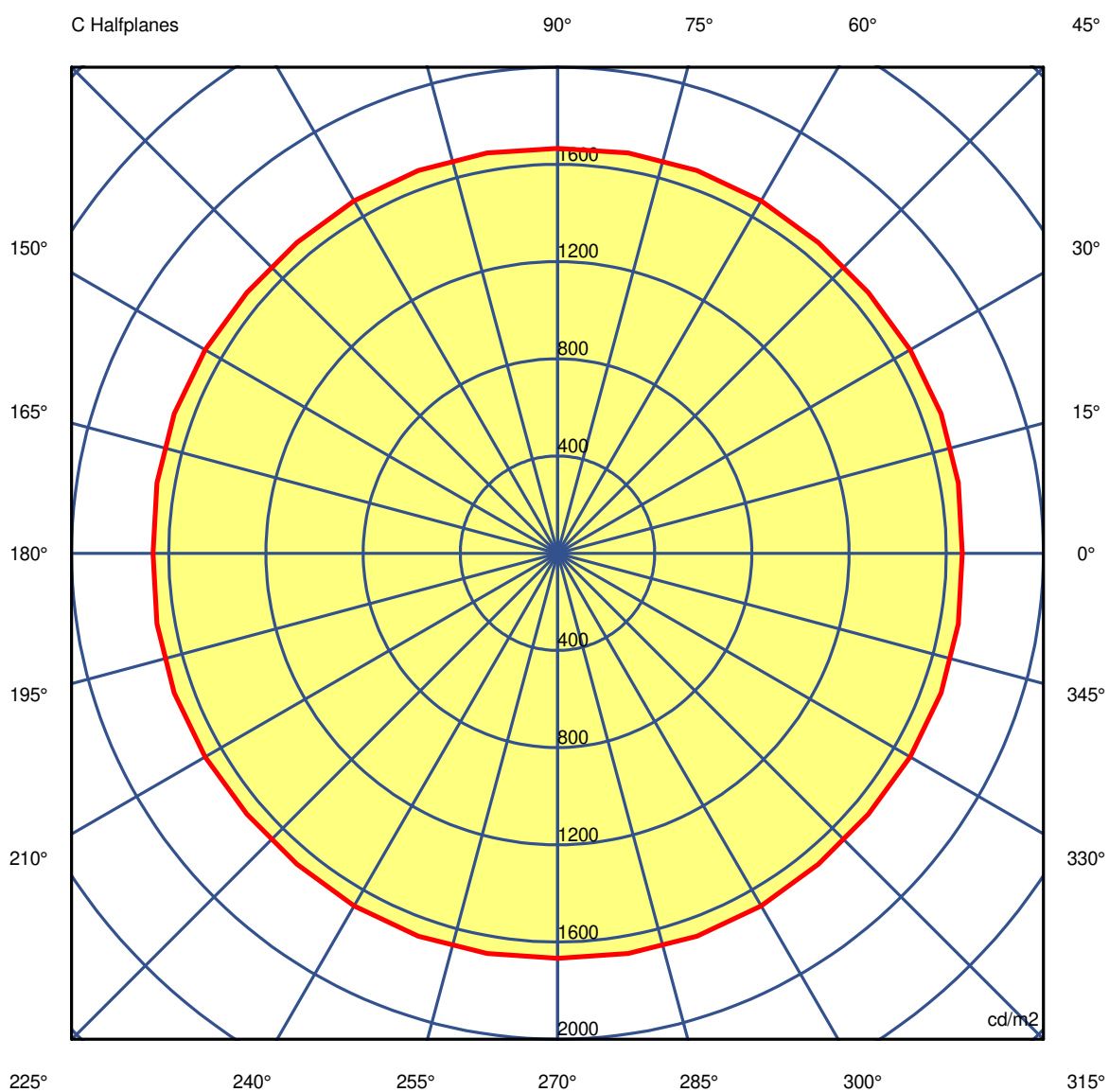
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Luminaire Flux	10978 lm	Luminaire Power	109.5 W	Efficacy	100.234 lm/W	Efficiency	57.53%
Source Flux	19080 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	19080 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	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370
G 5.0	2346	2347	2347	2347	2346	2346	2347	2347	2347	2347	2347	2347	2347
G 10.0	2308	2308	2309	2310	2309	2309	2310	2310	2310	2310	2310	2310	2310
G 15.0	2258	2256	2258	2261	2261	2261	2262	2261	2259	2259	2259	2261	2262
G 20.0	2197	2197	2198	2201	2205	2206	2203	2201	2199	2197	2199	2201	2203
G 25.0	2124	2124	2126	2130	2134	2136	2133	2129	2127	2126	2127	2129	2133
G 30.0	2048	2047	2044	2043	2046	2047	2047	2048	2049	2049	2049	2048	2047
G 35.0	1958	1956	1952	1945	1943	1944	1946	1951	1956	1960	1956	1951	1946
G 40.0	1842	1841	1839	1833	1827	1826	1831	1837	1841	1843	1841	1837	1831
G 45.0	1665	1675	1679	1675	1669	1669	1675	1676	1673	1666	1673	1676	1675
G 50.0	1313	1341	1394	1447	1450	1458	1469	1441	1383	1315	1383	1441	1469
G 55.0	943	978	1101	1240	1238	1253	1286	1191	1062	961	1062	1191	1286
G 60.0	834	853	924	1037	1013	1039	1098	974	850	823	850	974	1098
G 65.0	754	717	759	833	835	866	901	781	713	779	713	781	901
G 70.0	697	679	685	708	728	771	788	698	648	694	648	698	788
G 75.0	615	630	627	618	637	676	695	658	622	615	622	658	695
G 80.0	583	581	574	565	565	577	587	572	564	574	564	572	587
G 85.0	420	455	458	434	416	416	434	456	459	441	459	456	434
G 90.0	257	287	316	317	270	266	287	229	229	332	229	229	287

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Source Flux		19080 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	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370
G 5.0	2346	2346	2346	2347	2347	2347	2346	2347	2347	2347	2347	2347	2347	2346	2346	2346	2347	2347	2347	2346	2346	2347	2347	2347	2347	2347
G 10.0	2309	2309	2310	2309	2308	2308	2308	2308	2309	2310	2309	2309	2310	2309	2309	2309	2310	2310	2309	2309	2309	2310	2310	2310	2310	2310
G 15.0	2261	2261	2261	2258	2256	2256	2258	2256	2258	2261	2261	2261	2261	2261	2261	2261	2262	2261	2261	2261	2261	2262	2261	2261	2261	2261
G 20.0	2206	2205	2201	2198	2197	2197	2197	2197	2198	2201	2205	2206	2203	2201	2201	2205	2206	2203	2201	2205	2206	2203	2201	2201	2201	2201
G 25.0	2136	2134	2130	2126	2124	2124	2124	2124	2126	2130	2134	2136	2133	2129	2129	2134	2136	2133	2129	2134	2136	2133	2129	2129	2129	2129
G 30.0	2047	2046	2043	2044	2047	2048	2047	2047	2044	2043	2046	2047	2047	2048	2047	2047	2047	2047	2047	2046	2047	2047	2047	2048	2047	2048
G 35.0	1944	1943	1945	1952	1956	1958	1956	1952	1945	1943	1944	1946	1951	1951	1951	1944	1946	1951	1944	1946	1946	1946	1951	1951	1951	1951
G 40.0	1826	1827	1833	1839	1841	1842	1841	1839	1833	1827	1826	1831	1837	1837	1837	1826	1831	1837	1826	1831	1837	1837	1837	1837	1837	1837
G 45.0	1669	1669	1675	1679	1675	1665	1675	1679	1675	1669	1669	1675	1676	1676	1676	1669	1675	1676	1669	1669	1675	1676	1676	1676	1676	1676
G 50.0	1458	1450	1447	1394	1341	1313	1341	1394	1447	1450	1458	1469	1441	1441	1441	1450	1458	1469	1441	1441	1450	1458	1469	1441	1441	1441
G 55.0	1253	1238	1240	1101	978	943	978	1101	1240	1238	1253	1286	1191	1191	1191	1240	1238	1253	1286	1191	1191	1238	1253	1286	1191	1191
G 60.0	1039	1013	1037	924	853	834	853	924	1037	1013	1039	1098	974	974	974	1037	1013	1039	1098	974	974	1039	1098	974	974	974
G 65.0	866	835	833	759	717	754	717	759	833	835	866	901	781	781	781	833	835	866	901	781	781	833	835	866	901	781
G 70.0	771	728	708	685	679	697	679	685	708	728	771	788	698	698	698	708	728	771	788	698	698	708	728	771	788	698
G 75.0	676	637	618	627	630	615	630	627	618	637	676	695	658	658	658	618	637	676	695	658	658	618	637	676	695	658
G 80.0	577	565	565	574	581	583	581	574	565	565	577	587	572	572	572	565	565	577	587	572	572	565	565	577	587	572
G 85.0	416	416	434	458	455	420	455	458	434	416	416	434	456	456	456	434	416	416	434	456	456	434	416	416	434	456
G 90.0	266	270	317	316	287	257	287	316	317	270	266	287	229	229	229	317	316	287	257	287	229	229	317	316	287	229

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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	2370	2370	2370	2370	2370	2370	2370	2370	2370	2370
G 5.0	2347	2347	2347	2347	2347	2346	2346	2347	2347	2347
G 10.0	2310	2310	2310	2310	2310	2309	2309	2310	2309	2308
G 15.0	2259	2259	2259	2261	2262	2261	2261	2261	2258	2256
G 20.0	2199	2197	2199	2201	2203	2206	2205	2201	2198	2197
G 25.0	2127	2126	2127	2129	2133	2136	2134	2130	2126	2124
G 30.0	2049	2049	2049	2048	2047	2047	2046	2043	2044	2047
G 35.0	1956	1960	1956	1951	1946	1944	1943	1945	1952	1956
G 40.0	1841	1843	1841	1837	1831	1826	1827	1833	1839	1841
G 45.0	1673	1666	1673	1676	1675	1669	1669	1675	1679	1675
G 50.0	1383	1315	1383	1441	1469	1458	1450	1447	1394	1341
G 55.0	1062	961	1062	1191	1286	1253	1238	1240	1101	978
G 60.0	850	823	850	974	1098	1039	1013	1037	924	853
G 65.0	713	779	713	781	901	866	835	833	759	717
G 70.0	648	694	648	698	788	771	728	708	685	679
G 75.0	622	615	622	658	695	676	637	618	627	630
G 80.0	564	574	564	572	587	577	565	565	574	581
G 85.0	459	441	459	456	434	416	416	434	458	455
G 90.0	229	332	229	229	287	266	270	317	316	287