

Luminaire

Code 90626L120

Name CONCEPT O 65 D/I D1200 GCONTROL+ 830

Measurem.

Code 31/7/2023

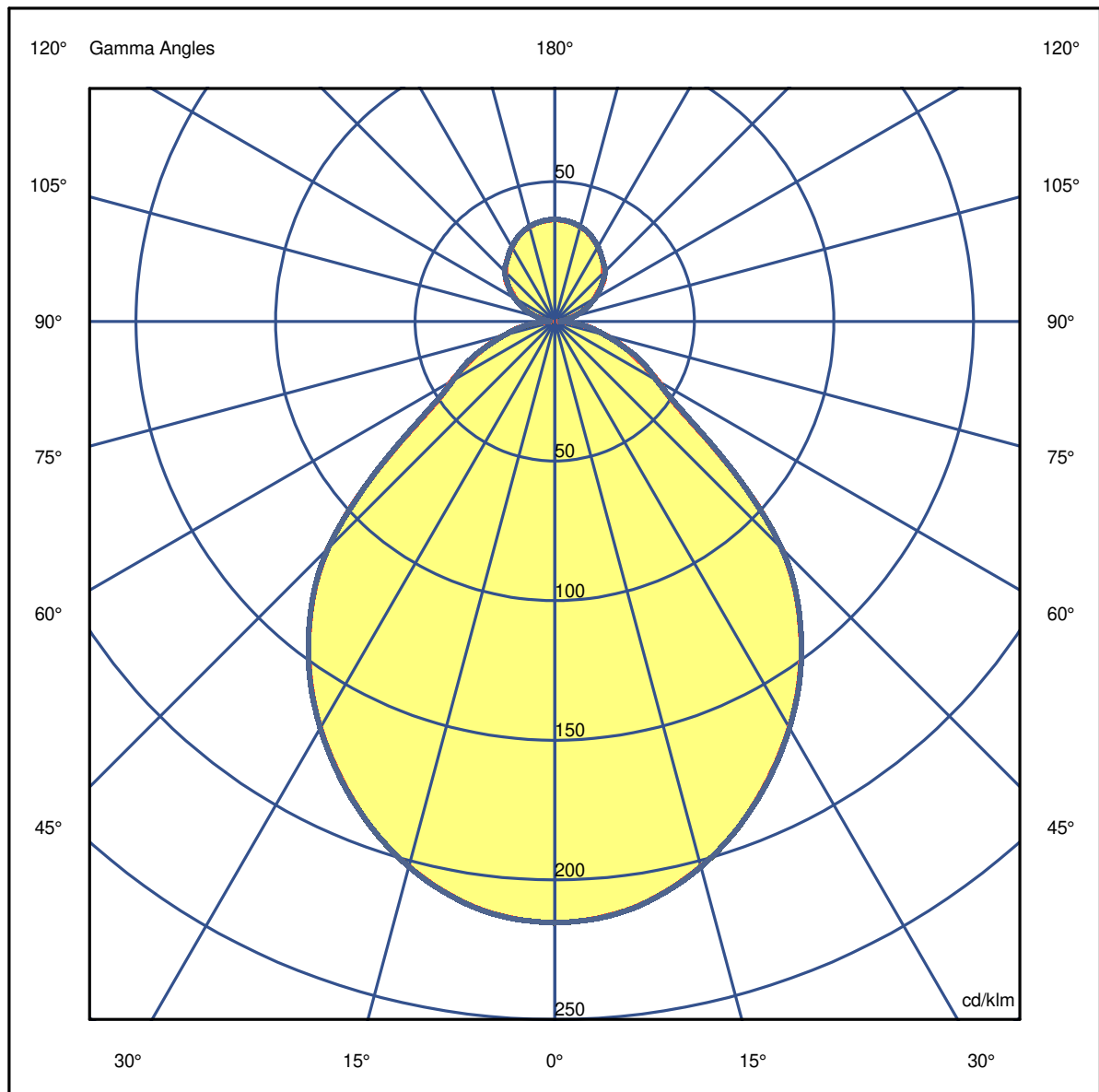
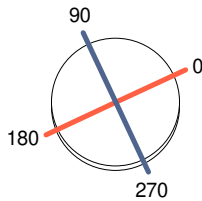
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Luminaire Flux	9114 lm	Luminaire Power	91.8 W	Efficacy	99.319 lm/W	Efficiency	57.53%
Source Flux	15840 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1200mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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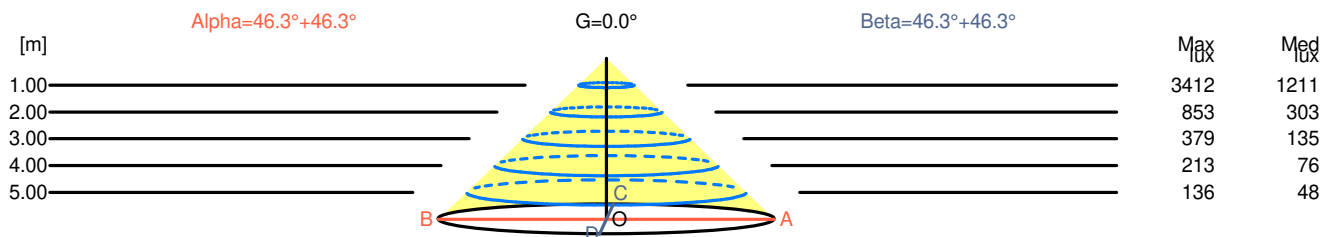
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Source Flux	15840 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

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	1.04	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	3411.94	3386.59	3201.26	2865.46	2426.69	1818.43	860.11	530.64	291.46	96.62
OB	3411.94	3386.59	3201.26	2865.46	2426.69	1818.43	860.11	530.64	291.46	96.62
OC	3411.94	3388.18	3202.85	2868.62	2429.86	1820.02	875.95	548.06	291.46	101.38
OD	3411.94	3388.18	3202.85	2868.62	2429.86	1820.02	875.95	548.06	291.46	101.38



H[m]	D[m]	Max lux	Med lux	Alpha=46.3°+46.3°	G=0.0
1.00	2.09	3412	1211		
2.00	4.18	853	303		
3.00	6.27	379	135		
4.00	8.36	213	76		
5.00	10.45	136	48		

H[m]	D[m]	Max lux	Med lux	Beta=46.3°+46.3°	G=0.0
1.00	2.09	3412	1211		
2.00	4.18	853	303		
3.00	6.27	379	135		
4.00	8.36	213	76		
5.00	10.45	136	48		

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Source Flux	15840 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	12.2	13.2	12.8	13.7	14.3	12.4	13.4	12.9	13.9	14.5
x=2H y=3H	12.9	13.8	13.5	14.3	15.0	13.0	13.9	13.6	14.5	15.1
x=2H y=4H	13.2	14.1	13.8	14.6	15.3	13.3	14.2	13.9	14.7	15.4
x=2H y=6H	13.5	14.3	14.1	14.9	15.5	13.6	14.3	14.2	14.9	15.6
x=2H y=8H	13.6	14.3	14.2	15.0	15.6	13.7	14.4	14.3	15.0	15.7
x=2H y=12H	13.7	14.3	14.3	15.0	15.6	13.7	14.4	14.4	15.0	15.7
x=4H y=2H	12.6	13.4	13.2	14.0	14.6	12.7	13.6	13.3	14.1	14.8
x=4H y=3H	13.5	14.1	14.1	14.8	15.4	13.6	14.3	14.3	14.9	15.6
x=4H y=4H	13.9	14.5	14.6	15.2	15.9	14.1	14.7	14.7	15.3	16.0
x=4H y=6H	14.3	14.8	15.0	15.5	16.3	14.4	15.0	15.1	15.6	16.4
x=4H y=8H	14.5	14.9	15.1	15.6	16.4	14.6	15.0	15.3	15.7	16.5
x=4H y=12H	14.5	15.0	15.3	15.7	16.5	14.7	15.1	15.4	15.8	16.6
x=8H y=4H	14.1	14.5	14.7	15.2	16.0	14.2	14.7	14.9	15.4	16.1
x=8H y=6H	14.6	15.0	15.3	15.7	16.5	14.7	15.1	15.4	15.8	16.6
x=8H y=8H	14.8	15.1	15.5	15.9	16.7	14.9	15.3	15.7	16.0	16.8
x=8H y=12H	15.0	15.3	15.7	16.0	16.9	15.1	15.4	15.8	16.1	17.0
x=12H y=4H	14.0	14.5	14.8	15.2	16.0	14.2	14.6	14.9	15.3	16.1
x=12H y=6H	14.6	15.0	15.3	15.7	16.5	14.7	15.1	15.5	15.8	16.6
x=12H y=8H	14.9	15.1	15.6	15.9	16.8	15.0	15.3	15.7	16.0	16.9

Luminaire

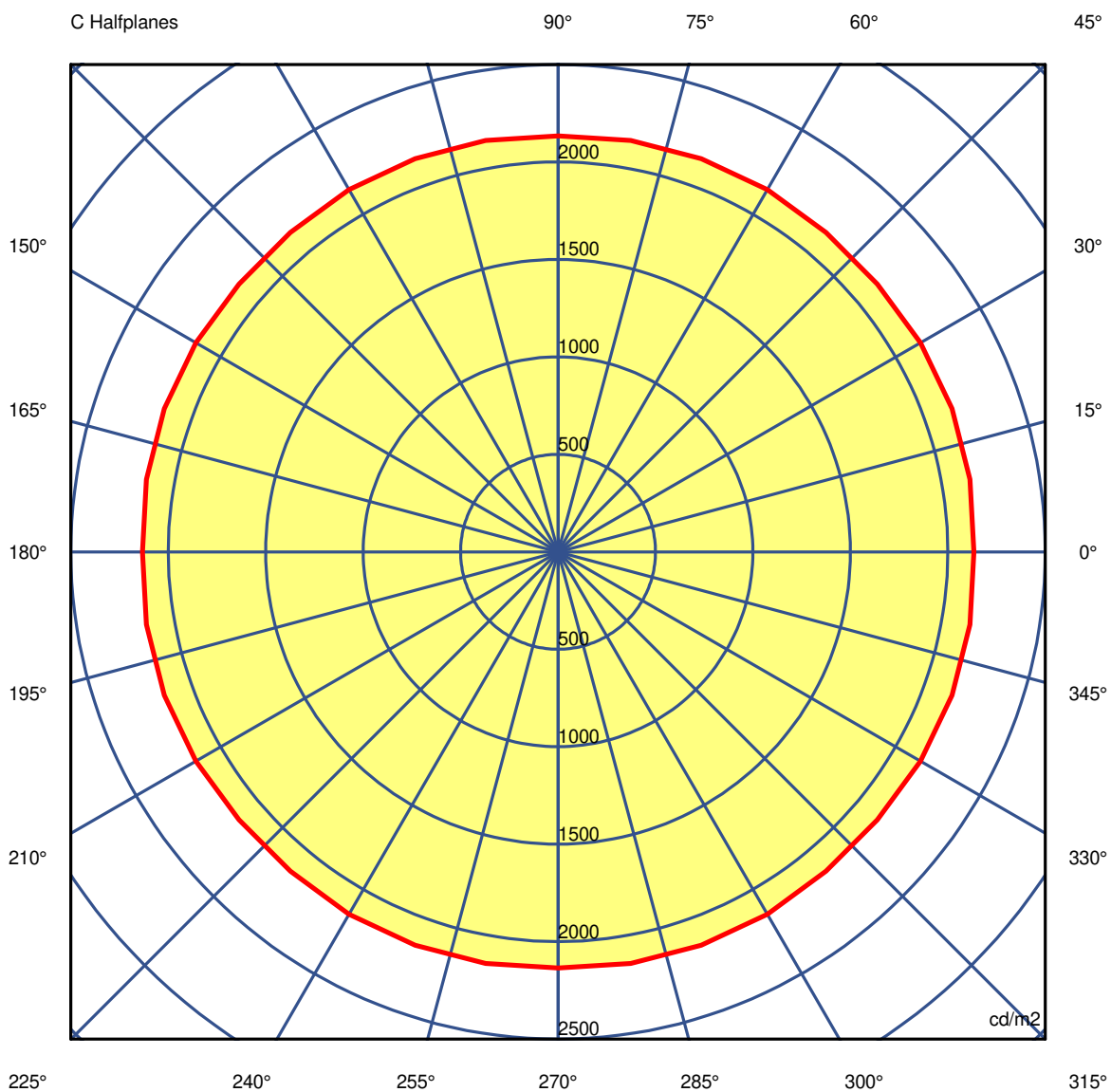
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Source Flux	15840 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	9114 lm	Luminaire Power	91.8 W	Efficacy	99.319 lm/W	Efficiency	57.53%						
Source Flux	15840 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	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088
G 5.0	3053	3054	3055	3054	3053	3053	3054	3054	3054	3054	3054	3054	3054
G 10.0	2999	2999	3000	3000	2999	2999	3000	3000	3000	3000	3000	3000	3000
G 15.0	2928	2927	2929	2933	2933	2933	2934	2932	2931	2930	2931	2932	2934
G 20.0	2844	2844	2846	2850	2855	2856	2853	2850	2847	2844	2847	2850	2853
G 25.0	2745	2746	2748	2753	2758	2761	2757	2752	2749	2748	2749	2752	2757
G 30.0	2642	2640	2638	2636	2639	2641	2641	2642	2643	2644	2643	2642	2641
G 35.0	2521	2518	2513	2504	2502	2503	2506	2512	2519	2524	2519	2512	2506
G 40.0	2366	2365	2362	2354	2347	2346	2352	2360	2365	2368	2365	2360	2352
G 45.0	2133	2146	2151	2146	2138	2139	2146	2148	2143	2135	2143	2148	2146
G 50.0	1678	1714	1781	1849	1853	1863	1877	1841	1767	1680	1767	1841	1877
G 55.0	1201	1245	1401	1579	1576	1595	1637	1516	1352	1223	1352	1516	1637
G 60.0	1057	1080	1171	1315	1284	1317	1392	1235	1078	1043	1078	1235	1392
G 65.0	951	904	956	1050	1052	1091	1135	985	899	982	899	985	1135
G 70.0	871	850	856	885	910	964	985	872	810	868	810	872	985
G 75.0	760	779	775	765	787	835	860	813	769	760	769	813	860
G 80.0	707	705	697	686	685	701	713	695	684	696	684	695	713
G 85.0	491	531	535	507	486	487	507	533	537	515	537	533	507
G 90.0	267	299	329	330	281	277	299	238	238	346	238	238	299

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Source Flux	15840 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	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088	
G 5.0	3053	3053	3054	3055	3054	3053	3054	3055	3054	3053	3053	3054	3054	
G 10.0	2999	2999	3000	3000	2999	2999	2999	3000	3000	2999	2999	3000	3000	
G 15.0	2933	2933	2933	2929	2927	2928	2927	2929	2933	2933	2933	2934	2932	
G 20.0	2856	2855	2850	2846	2844	2844	2844	2846	2850	2855	2856	2853	2850	
G 25.0	2761	2758	2753	2748	2746	2745	2746	2748	2753	2758	2761	2757	2752	
G 30.0	2641	2639	2636	2638	2640	2642	2640	2638	2636	2639	2641	2641	2642	
G 35.0	2503	2502	2504	2513	2518	2521	2518	2513	2504	2502	2503	2506	2512	
G 40.0	2346	2347	2354	2362	2365	2366	2365	2362	2354	2347	2346	2352	2360	
G 45.0	2139	2138	2146	2151	2146	2133	2146	2151	2146	2138	2139	2146	2148	
G 50.0	1863	1853	1849	1781	1714	1678	1714	1781	1849	1853	1863	1877	1841	
G 55.0	1595	1576	1579	1401	1245	1201	1245	1401	1579	1576	1595	1637	1516	
G 60.0	1317	1284	1315	1171	1080	1057	1080	1171	1315	1284	1317	1392	1235	
G 65.0	1091	1052	1050	956	904	951	904	956	1050	1052	1091	1135	985	
G 70.0	964	910	885	856	850	871	850	856	885	910	964	985	872	
G 75.0	835	787	765	775	779	760	779	775	765	787	835	860	813	
G 80.0	701	685	686	697	705	707	705	697	686	685	701	713	695	
G 85.0	487	486	507	535	531	491	531	535	507	486	487	507	533	
G 90.0	277	281	330	329	299	267	299	329	330	281	277	299	238	

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Source Flux	15840 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	3088	3088	3088	3088	3088	3088	3088	3088	3088	3088
G 5.0	3054	3054	3054	3054	3054	3053	3053	3054	3055	3054
G 10.0	3000	3000	3000	3000	3000	2999	2999	3000	3000	2999
G 15.0	2931	2930	2931	2932	2934	2933	2933	2933	2929	2927
G 20.0	2847	2844	2847	2850	2853	2856	2855	2850	2846	2844
G 25.0	2749	2748	2749	2752	2757	2761	2758	2753	2748	2746
G 30.0	2643	2644	2643	2642	2641	2641	2639	2636	2638	2640
G 35.0	2519	2524	2519	2512	2506	2503	2502	2504	2513	2518
G 40.0	2365	2368	2365	2360	2352	2346	2347	2354	2362	2365
G 45.0	2143	2135	2143	2148	2146	2139	2138	2146	2151	2146
G 50.0	1767	1680	1767	1841	1877	1863	1853	1849	1781	1714
G 55.0	1352	1223	1352	1516	1637	1595	1576	1579	1401	1245
G 60.0	1078	1043	1078	1235	1392	1317	1284	1315	1171	1080
G 65.0	899	982	899	985	1135	1091	1052	1050	956	904
G 70.0	810	868	810	872	985	964	910	885	856	850
G 75.0	769	760	769	813	860	835	787	765	775	779
G 80.0	684	696	684	695	713	701	685	686	697	705
G 85.0	537	515	537	533	507	487	486	507	535	531
G 90.0	238	346	238	238	299	277	281	330	329	299