

Luminaire

Code 90625L120

Name CONCEPT O 65 D1200 GCONTROL+ 830

Measurement

Code 31/7/2023

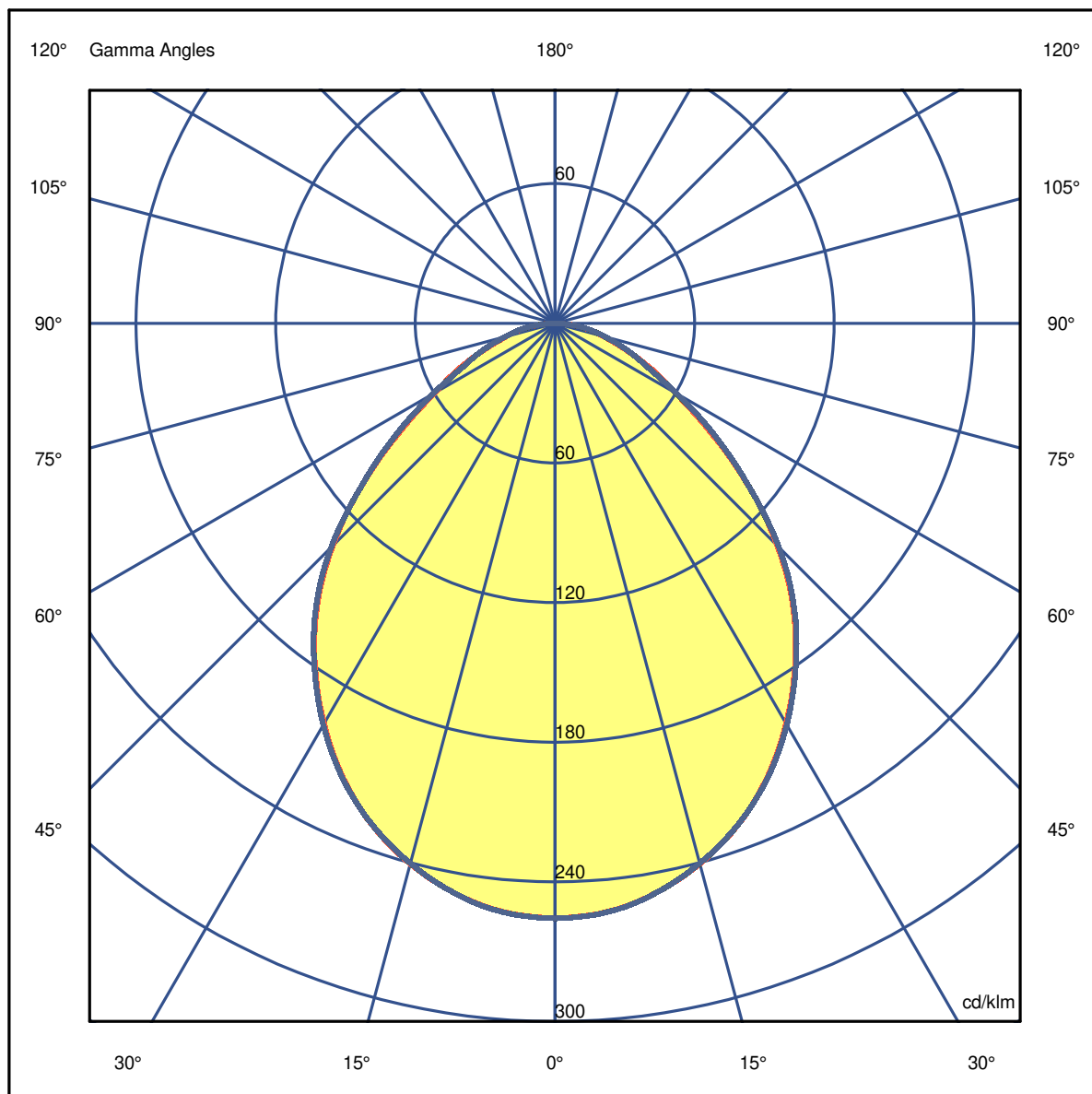
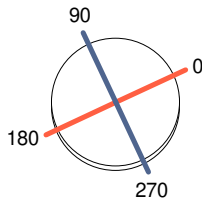
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Luminaire Flux	7546 lm	Luminaire Power	77.0 W	Efficacy	98.048 lm/W	Efficiency	55.16%
Source Flux	13680 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1200mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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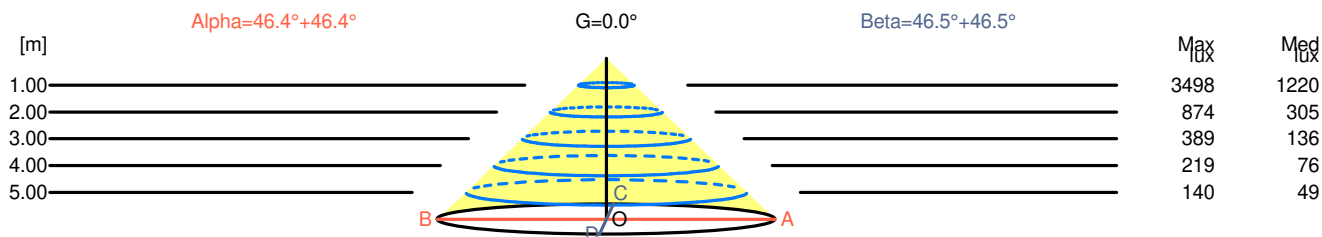
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Source Flux	13680 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.05	2.10	3.15	4.20	5.25	OC	1.05	2.11	3.16	4.22	5.27
OB	1.05	2.10	3.15	4.20	5.25	OD	1.05	2.11	3.16	4.22	5.27

	0	5	15	25	35	45	55	65	75	85
OA	3497.98	3473.35	3288.67	2948.04	2459.66	1848.17	1120.39	611.50	295.49	90.29
OB	3497.98	3473.35	3288.67	2948.04	2459.66	1848.17	1120.39	611.50	295.49	90.29
OC	3497.98	3474.72	3285.94	2952.14	2466.50	1861.85	1142.28	589.61	302.33	91.66
OD	3497.98	3474.72	3285.94	2952.14	2466.50	1861.85	1142.28	589.61	302.33	91.66



H[m]	D[m]	Max lux	Med lux	Alpha=46.4°+46.4°	G=0.0	
1.00	2.10	3498	1220			
2.00	4.20	874	305			
3.00	6.30	389	136			
4.00	8.40	219	76			
5.00	10.50	140	49			

H[m]	D[m]	Max lux	Med lux	Beta=46.5°+46.5°	G=0.0	
1.00	2.11	3498	1220			
2.00	4.22	874	305			
3.00	6.33	389	136			
4.00	8.44	219	76			
5.00	10.54	140	49			

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Source Flux	13680 lm	Maximum value	255.70 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	13.7	14.8	14.0	15.1	15.3	13.7	14.9	14.0	15.1	15.3
x=2H y=3H	14.5	15.6	14.9	15.9	16.1	14.6	15.6	14.9	15.9	16.1
x=2H y=4H	14.9	15.9	15.2	16.1	16.4	14.9	15.9	15.2	16.2	16.4
x=2H y=6H	15.1	16.1	15.5	16.4	16.7	15.1	16.1	15.5	16.4	16.7
x=2H y=8H	15.2	16.1	15.6	16.4	16.7	15.2	16.1	15.6	16.4	16.7
x=2H y=12H	15.2	16.1	15.6	16.4	16.7	15.3	16.1	15.6	16.4	16.8
x=4H y=2H	13.9	14.9	14.2	15.2	15.5	14.0	15.0	14.3	15.2	15.5
x=4H y=3H	14.9	15.8	15.3	16.1	16.4	15.0	15.8	15.3	16.1	16.5
x=4H y=4H	15.4	16.1	15.8	16.5	16.9	15.4	16.2	15.8	16.5	16.9
x=4H y=6H	15.8	16.5	16.2	16.8	17.2	15.8	16.5	16.2	16.8	17.2
x=4H y=8H	15.9	16.5	16.4	16.9	17.3	16.0	16.6	16.4	17.0	17.4
x=4H y=12H	16.0	16.6	16.5	17.0	17.4	16.1	16.6	16.5	17.0	17.4
x=8H y=4H	15.6	16.2	16.0	16.6	17.0	15.6	16.2	16.0	16.6	17.0
x=8H y=6H	16.1	16.6	16.5	17.0	17.4	16.1	16.6	16.6	17.0	17.5
x=8H y=8H	16.3	16.7	16.7	17.1	17.6	16.3	16.7	16.8	17.2	17.7
x=8H y=12H	16.4	16.8	16.9	17.2	17.7	16.5	16.8	16.9	17.3	17.8
x=12H y=4H	15.6	16.1	16.0	16.5	17.0	15.6	16.1	16.1	16.6	17.0
x=12H y=6H	16.1	16.5	16.6	17.0	17.5	16.1	16.6	16.6	17.0	17.5
x=12H y=8H	16.3	16.7	16.8	17.2	17.7	16.4	16.8	16.9	17.2	17.7

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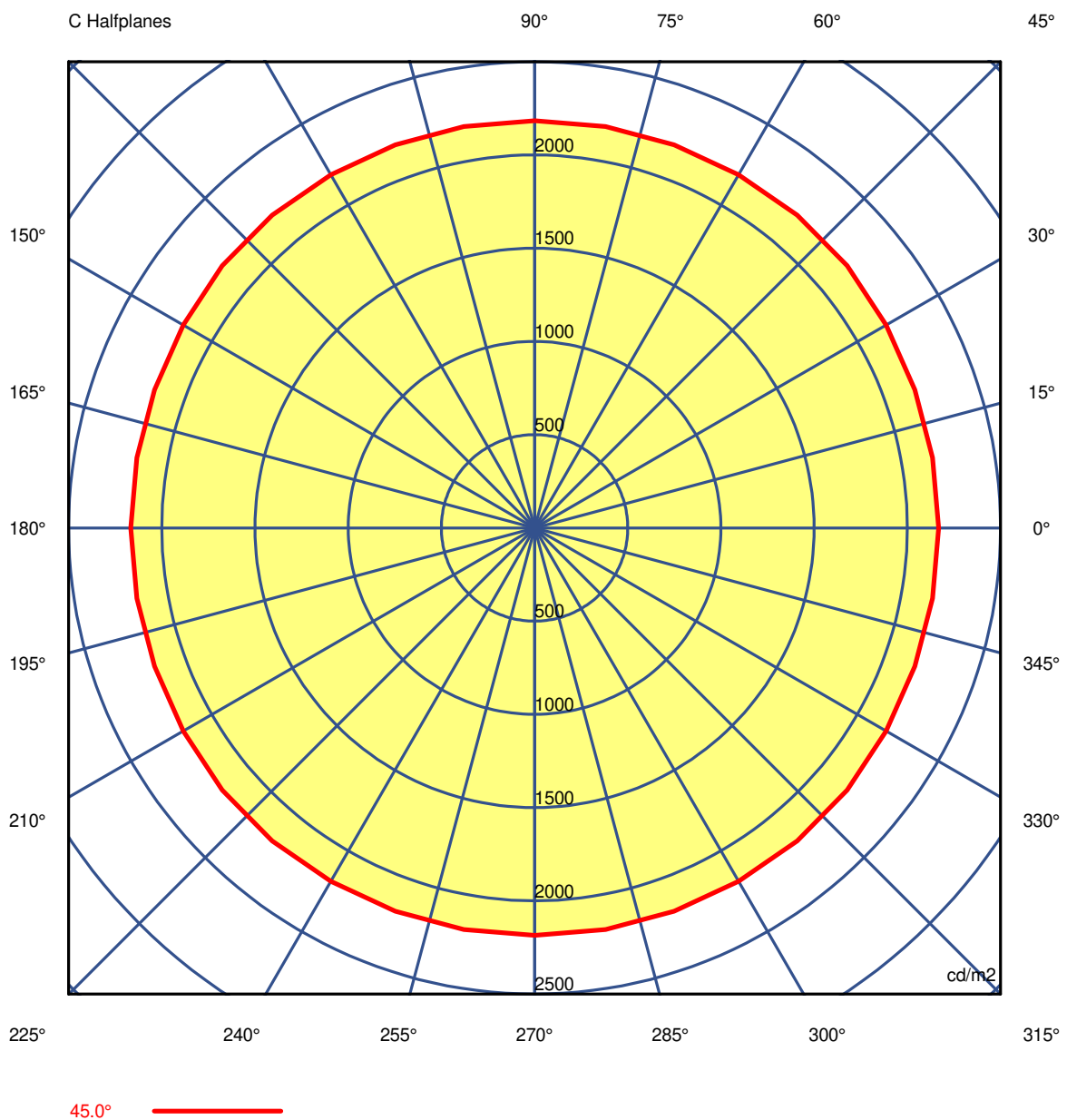
Measurem.

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Luminaire Flux	7546 lm	Luminaire Power	77.0 W	Efficacy	98.048 lm/W	Efficiency	55.16%
Source Flux	13680 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Luminaire Flux	7546 lm		Luminaire Power		77.0 W		Efficacy		98.048 lm/W		Efficiency		55.16%	
Source Flux	13680 lm		Maximum value		255.70 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	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166	
G 5.0	3131	3131	3131	3130	3130	3129	3129	3129	3131	3132	3131	3129	3129	
G 10.0	3076	3076	3074	3073	3073	3074	3074	3074	3075	3076	3075	3074	3074	
G 15.0	3008	3007	3005	3002	2999	2999	3001	3001	3002	3006	3002	3001	3001	
G 20.0	2927	2925	2921	2916	2911	2910	2913	2918	2923	2926	2923	2918	2913	
G 25.0	2824	2822	2818	2812	2812	2813	2814	2817	2822	2828	2822	2817	2814	
G 30.0	2698	2696	2694	2696	2703	2706	2702	2698	2699	2706	2699	2698	2702	
G 35.0	2555	2556	2559	2568	2577	2581	2575	2565	2562	2562	2562	2565	2575	
G 40.0	2390	2394	2400	2410	2418	2421	2417	2408	2403	2402	2403	2408	2417	
G 45.0	2168	2168	2170	2178	2188	2191	2187	2187	2187	2184	2187	2187	2187	
G 50.0	1887	1900	1885	1817	1713	1716	1824	1894	1906	1887	1906	1894	1824	
G 55.0	1564	1645	1606	1436	1251	1228	1390	1585	1657	1595	1657	1585	1390	
G 60.0	1281	1355	1268	1093	1051	1051	1099	1290	1380	1292	1380	1290	1099	
G 65.0	1095	1130	1024	885	942	958	921	1048	1124	1056	1124	1048	921	
G 70.0	912	964	920	834	853	861	854	912	951	935	951	912	854	
G 75.0	771	798	788	757	759	762	767	788	798	789	798	788	767	
G 80.0	681	674	673	681	693	694	686	685	688	691	688	685	686	
G 85.0	459	468	497	515	477	476	515	507	482	466	482	507	515	
G 90.0	271	191	187	217	177	174	217	203	187	204	187	203	217	

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Source Flux	13680 lm		Maximum value		255.70 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	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166	
G 5.0	3129	3130	3130	3131	3131	3131	3131	3131	3130	3130	3129	3129	3129	
G 10.0	3074	3073	3073	3074	3076	3076	3076	3074	3073	3073	3074	3074	3074	
G 15.0	2999	2999	3002	3005	3007	3008	3007	3005	3002	2999	2999	3001	3001	
G 20.0	2910	2911	2916	2921	2925	2927	2925	2921	2916	2911	2910	2913	2918	
G 25.0	2813	2812	2812	2818	2822	2824	2822	2818	2812	2812	2813	2814	2817	
G 30.0	2706	2703	2696	2694	2696	2698	2696	2694	2696	2703	2706	2702	2698	
G 35.0	2581	2577	2568	2559	2556	2555	2556	2559	2568	2577	2581	2575	2565	
G 40.0	2421	2418	2410	2400	2394	2390	2394	2400	2410	2418	2421	2417	2408	
G 45.0	2191	2188	2178	2170	2168	2168	2168	2170	2178	2188	2191	2187	2187	
G 50.0	1716	1713	1817	1885	1900	1887	1900	1885	1817	1713	1716	1824	1894	
G 55.0	1228	1251	1436	1606	1645	1564	1645	1606	1436	1251	1228	1390	1585	
G 60.0	1051	1051	1093	1268	1355	1281	1355	1268	1093	1051	1051	1099	1290	
G 65.0	958	942	885	1024	1130	1095	1130	1024	885	942	958	921	1048	
G 70.0	861	853	834	920	964	912	964	920	834	853	861	854	912	
G 75.0	762	759	757	788	798	771	798	788	757	759	762	767	788	
G 80.0	694	693	681	673	674	681	674	673	681	693	694	686	685	
G 85.0	476	477	515	497	468	459	468	497	515	477	476	515	507	
G 90.0	174	177	217	187	191	271	191	187	217	177	174	217	203	

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Source Flux	13680 lm	Maximum value	255.70 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	3166	3166	3166	3166	3166	3166	3166	3166	3166	3166
G 5.0	3131	3132	3131	3129	3129	3129	3130	3130	3131	3131
G 10.0	3075	3076	3075	3074	3074	3074	3073	3073	3074	3076
G 15.0	3002	3006	3002	3001	3001	2999	2999	3002	3005	3007
G 20.0	2923	2926	2923	2918	2913	2910	2911	2916	2921	2925
G 25.0	2822	2828	2822	2817	2814	2813	2812	2812	2818	2822
G 30.0	2699	2706	2699	2698	2702	2706	2703	2696	2694	2696
G 35.0	2562	2562	2562	2565	2575	2581	2577	2568	2559	2556
G 40.0	2403	2402	2403	2408	2417	2421	2418	2410	2400	2394
G 45.0	2187	2184	2187	2187	2187	2191	2188	2178	2170	2168
G 50.0	1906	1887	1906	1894	1824	1716	1713	1817	1885	1900
G 55.0	1657	1595	1657	1585	1390	1228	1251	1436	1606	1645
G 60.0	1380	1292	1380	1290	1099	1051	1051	1093	1268	1355
G 65.0	1124	1056	1124	1048	921	958	942	885	1024	1130
G 70.0	951	935	951	912	854	861	853	834	920	964
G 75.0	798	789	798	788	767	762	759	757	788	798
G 80.0	688	691	688	685	686	694	693	681	673	674
G 85.0	482	466	482	507	515	476	477	515	497	468
G 90.0	187	204	187	203	217	174	177	217	187	191