

Luminaire

Code 90635L900

Name CONCEPT O 65 D0900 LIGHT+ 840

Measurement

Code 31/7/2023

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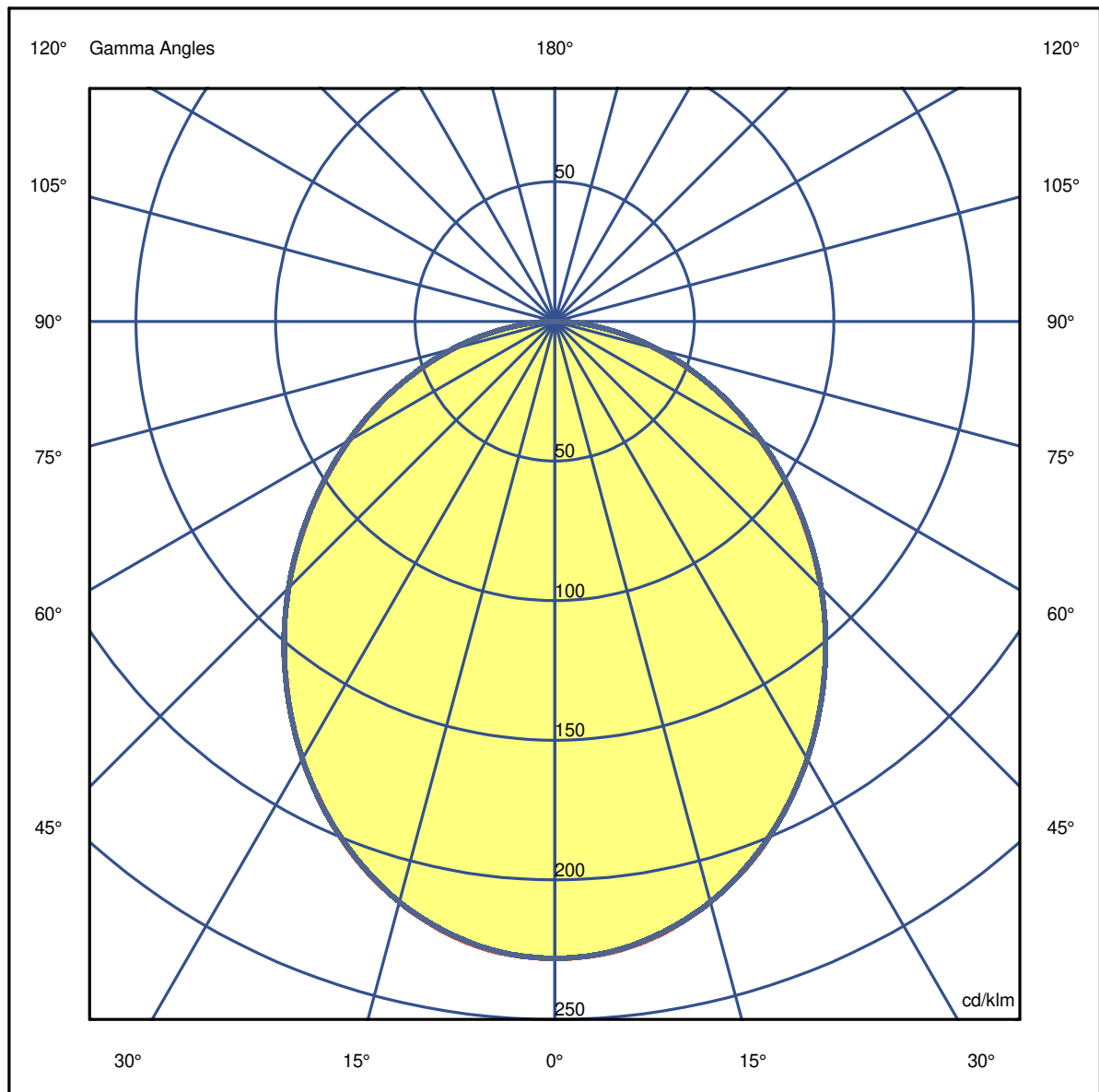
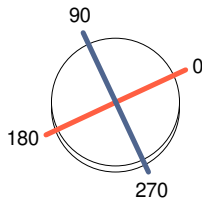
Luminaire Flux	5775 lm	Luminaire Power	53.6 W	Efficacy	107.642 lm/W	Efficiency	59.07%
Source Flux	9776 lm	Maximum value	228.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



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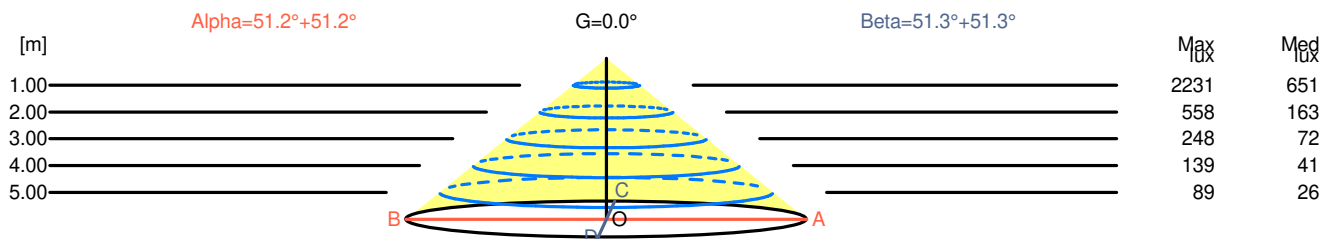
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Source Flux	9776 lm	Maximum value	228.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.24	2.49	3.73	4.98	6.22	OC	1.25	2.50	3.75	5.00	6.24
OB	1.24	2.49	3.73	4.98	6.22	OD	1.25	2.50	3.75	5.00	6.24

	0	5	15	25	35	45	55	65	75	85
OA	2230.88	2217.20	2103.80	1896.54	1624.77	1318.78	992.26	672.59	366.60	100.69
OB	2230.88	2217.20	2103.80	1896.54	1624.77	1318.78	992.26	672.59	366.60	100.69
OC	2230.88	2215.24	2103.80	1897.52	1625.75	1318.78	994.22	674.54	370.51	99.72
OD	2230.88	2215.24	2103.80	1897.52	1625.75	1318.78	994.22	674.54	370.51	99.72



H[m]	D[m]	Max lux	Med lux	Alpha=51.2°+51.2°	G=0.0	
1.00	2.49	2231	651			
2.00	4.98	558	163			
3.00	7.47	248	72			
4.00	9.96	139	41			
5.00	12.45	89	26			

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0	
1.00	2.50	2231	651			
2.00	5.00	558	163			
3.00	7.49	248	72			
4.00	9.99	139	41			
5.00	12.49	89	26			

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Source Flux	9776 lm	Maximum value	228.20 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	15.5	16.8	15.8	17.1	17.3	15.5	16.8	15.8	17.1	17.3
x=2H y=3H	16.9	18.1	17.2	18.3	18.6	16.9	18.1	17.2	18.4	18.6
x=2H y=4H	17.4	18.5	17.8	18.8	19.1	17.4	18.6	17.8	18.8	19.1
x=2H y=6H	17.8	18.8	18.2	19.2	19.4	17.8	18.9	18.2	19.2	19.5
x=2H y=8H	17.9	18.9	18.3	19.2	19.5	17.9	18.9	18.3	19.2	19.6
x=2H y=12H	18.0	18.9	18.3	19.2	19.6	18.0	18.9	18.3	19.2	19.6
x=4H y=2H	16.1	17.2	16.5	17.5	17.8	16.1	17.3	16.5	17.5	17.8
x=4H y=3H	17.7	18.6	18.1	19.0	19.3	17.7	18.7	18.1	19.0	19.3
x=4H y=4H	18.4	19.2	18.8	19.6	19.9	18.4	19.2	18.8	19.6	19.9
x=4H y=6H	18.8	19.6	19.3	19.9	20.3	18.9	19.6	19.3	20.0	20.4
x=4H y=8H	19.0	19.7	19.4	20.1	20.5	19.0	19.7	19.5	20.1	20.5
x=4H y=12H	19.1	19.7	19.5	20.1	20.5	19.1	19.7	19.6	20.1	20.6
x=8H y=4H	18.6	19.3	19.1	19.7	20.1	18.6	19.3	19.1	19.7	20.1
x=8H y=6H	19.2	19.8	19.7	20.2	20.6	19.2	19.8	19.7	20.2	20.7
x=8H y=8H	19.4	19.9	19.9	20.4	20.9	19.5	19.9	19.9	20.4	20.9
x=8H y=12H	19.6	20.0	20.1	20.4	21.0	19.6	20.0	20.1	20.5	21.0
x=12H y=4H	18.6	19.2	19.1	19.7	20.1	18.7	19.3	19.1	19.7	20.1
x=12H y=6H	19.3	19.8	19.8	20.2	20.7	19.3	19.8	19.8	20.2	20.7
x=12H y=8H	19.5	19.9	20.0	20.4	20.9	19.5	19.9	20.0	20.4	20.9

Luminaire

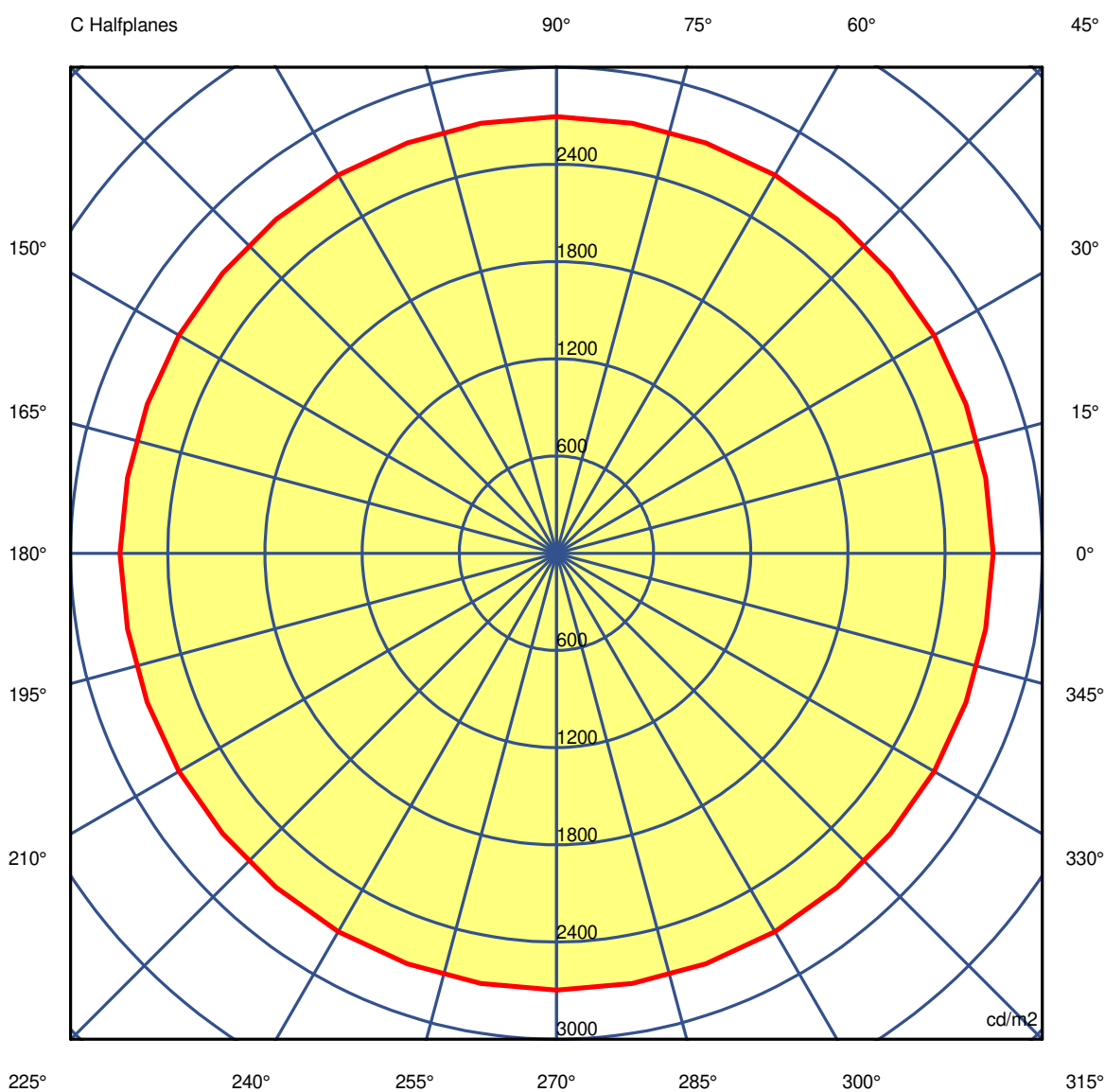
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Luminaire Flux	5775 lm	Luminaire Power	53.6 W	Efficacy	107.642 lm/W	Efficiency	59.07%
Source Flux	9776 lm	Maximum value	228.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Source Flux	9776 lm	Maximum value	228.20 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	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618
G 5.0	3572	3571	3570	3570	3569	3569	3570	3570	3570	3569	3570	3570	3570
G 10.0	3505	3504	3503	3502	3502	3503	3504	3504	3503	3501	3503	3504	3504
G 15.0	3421	3419	3420	3421	3418	3418	3421	3421	3421	3421	3421	3421	3421
G 20.0	3325	3322	3322	3322	3320	3321	3323	3324	3323	3322	3323	3324	3323
G 25.0	3211	3210	3209	3210	3211	3212	3213	3213	3213	3213	3213	3213	3213
G 30.0	3094	3091	3091	3091	3091	3092	3094	3094	3093	3092	3093	3094	3094
G 35.0	2964	2962	2962	2962	2963	2965	2967	2968	2967	2965	2967	2968	2967
G 40.0	2833	2830	2829	2829	2829	2831	2835	2834	2833	2833	2833	2834	2835
G 45.0	2696	2691	2690	2692	2692	2693	2696	2696	2696	2696	2696	2696	2696
G 50.0	2545	2543	2544	2545	2545	2547	2550	2550	2550	2552	2550	2550	2550
G 55.0	2389	2391	2391	2389	2392	2394	2394	2397	2398	2394	2398	2397	2394
G 60.0	2225	2222	2223	2225	2225	2226	2230	2230	2230	2230	2230	2230	2230
G 65.0	2046	2041	2040	2043	2043	2045	2048	2046	2046	2051	2046	2046	2048
G 70.0	1829	1826	1828	1833	1833	1834	1836	1836	1838	1843	1838	1836	1836
G 75.0	1578	1570	1572	1578	1575	1574	1578	1580	1586	1595	1586	1580	1578
G 80.0	1251	1247	1246	1246	1241	1243	1251	1251	1252	1257	1252	1251	1251
G 85.0	782	758	752	752	733	736	759	755	755	774	755	755	759
G 90.0	363	245	231	273	234	237	286	254	230	260	230	254	286

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Source Flux	9776 lm		Maximum value		228.20 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	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618	
G 5.0	3569	3569	3570	3570	3571	3572	3571	3570	3570	3569	3569	3570	3570	
G 10.0	3503	3502	3502	3503	3504	3505	3504	3503	3502	3502	3503	3504	3504	
G 15.0	3418	3418	3421	3420	3419	3421	3419	3420	3421	3418	3418	3421	3421	
G 20.0	3321	3320	3322	3322	3322	3325	3322	3322	3322	3320	3321	3323	3324	
G 25.0	3212	3211	3210	3209	3210	3211	3210	3209	3210	3211	3212	3213	3213	
G 30.0	3092	3091	3091	3091	3091	3094	3091	3091	3091	3091	3092	3094	3094	
G 35.0	2965	2963	2962	2962	2962	2964	2962	2962	2962	2963	2965	2967	2968	
G 40.0	2831	2829	2829	2829	2830	2833	2830	2829	2829	2829	2831	2835	2834	
G 45.0	2693	2692	2692	2690	2691	2696	2691	2690	2692	2692	2693	2696	2696	
G 50.0	2547	2545	2545	2544	2543	2545	2543	2544	2545	2545	2547	2550	2550	
G 55.0	2394	2392	2389	2391	2391	2389	2391	2391	2389	2392	2394	2394	2397	
G 60.0	2226	2225	2225	2223	2222	2225	2222	2223	2225	2225	2226	2230	2230	
G 65.0	2045	2043	2043	2040	2041	2046	2041	2040	2043	2043	2045	2048	2046	
G 70.0	1834	1833	1833	1828	1826	1829	1826	1828	1833	1833	1834	1836	1836	
G 75.0	1574	1575	1578	1572	1570	1578	1570	1572	1578	1575	1574	1578	1580	
G 80.0	1243	1241	1246	1246	1247	1251	1247	1246	1246	1241	1243	1251	1251	
G 85.0	736	733	752	752	758	782	758	752	752	733	736	759	755	
G 90.0	237	234	273	231	245	363	245	231	273	234	237	286	254	

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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	3618	3618	3618	3618	3618	3618	3618	3618	3618	3618
G 5.0	3570	3569	3570	3570	3570	3569	3569	3570	3570	3571
G 10.0	3503	3501	3503	3504	3504	3503	3502	3502	3503	3504
G 15.0	3421	3421	3421	3421	3421	3418	3418	3421	3420	3419
G 20.0	3323	3322	3323	3324	3323	3321	3320	3322	3322	3322
G 25.0	3213	3213	3213	3213	3213	3212	3211	3210	3209	3210
G 30.0	3093	3092	3093	3094	3094	3092	3091	3091	3091	3091
G 35.0	2967	2965	2967	2968	2967	2965	2963	2962	2962	2962
G 40.0	2833	2833	2833	2834	2835	2831	2829	2829	2829	2830
G 45.0	2696	2696	2696	2696	2696	2693	2692	2692	2690	2691
G 50.0	2550	2552	2550	2550	2550	2547	2545	2545	2544	2543
G 55.0	2398	2394	2398	2397	2394	2394	2392	2389	2391	2391
G 60.0	2230	2230	2230	2230	2230	2226	2225	2225	2223	2222
G 65.0	2046	2051	2046	2046	2048	2045	2043	2043	2040	2041
G 70.0	1838	1843	1838	1836	1836	1834	1833	1833	1828	1826
G 75.0	1586	1595	1586	1580	1578	1574	1575	1578	1572	1570
G 80.0	1252	1257	1252	1251	1251	1243	1241	1246	1246	1247
G 85.0	755	774	755	755	759	736	733	752	752	758
G 90.0	230	260	230	254	286	237	234	273	231	245