

Luminaire

Code 90625L150
Name CONCEPT O 65 D1500 GCONTROL+ 840

Measurement

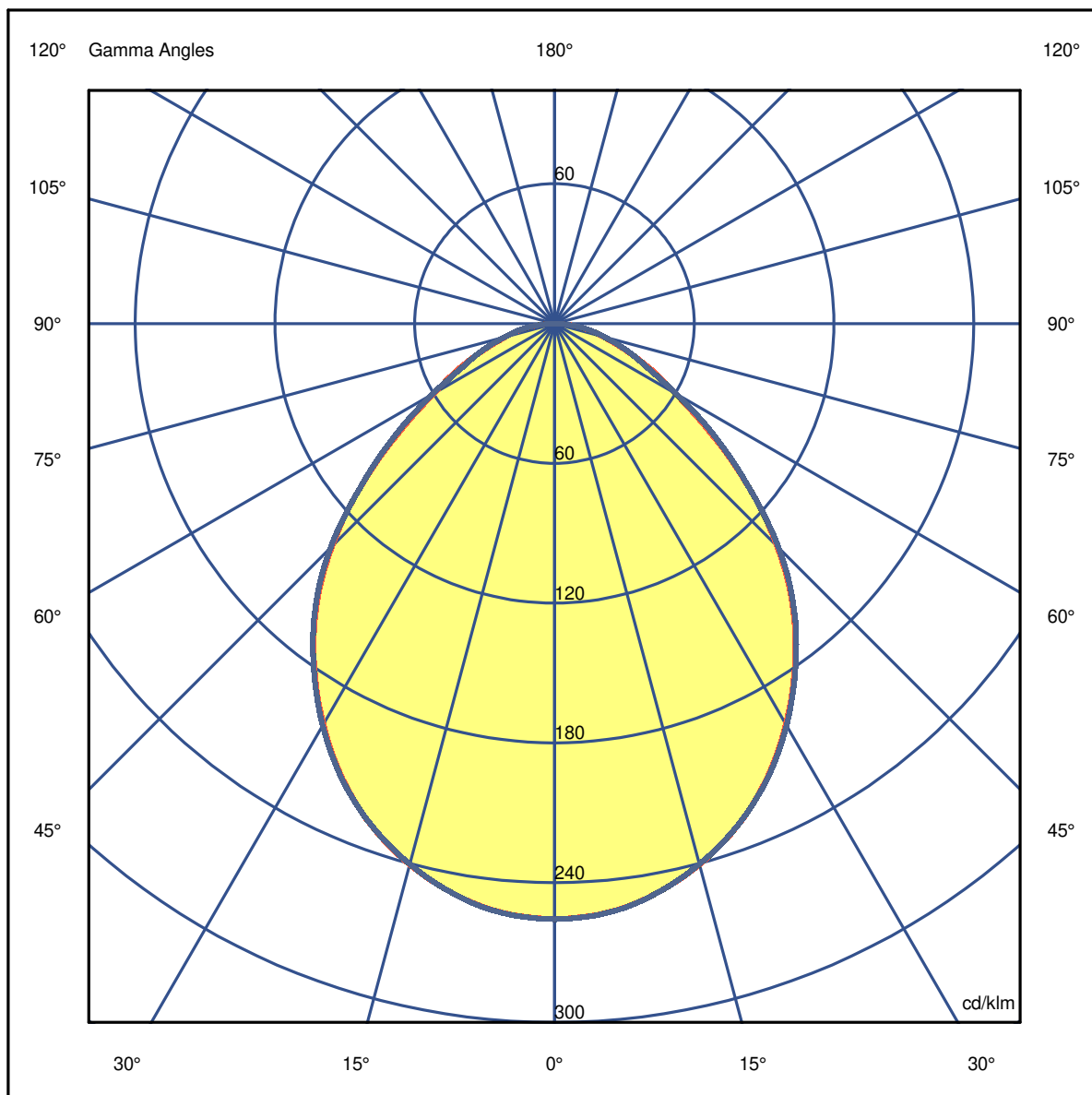
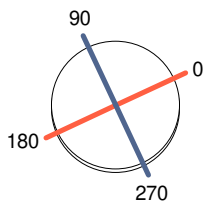
Code 31/7/2023
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Luminaire Flux	9125 lm	Luminaire Power	91.3 W	Efficacy	99.940 lm/W	Efficiency	55.16%
Source Flux	16544 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1500mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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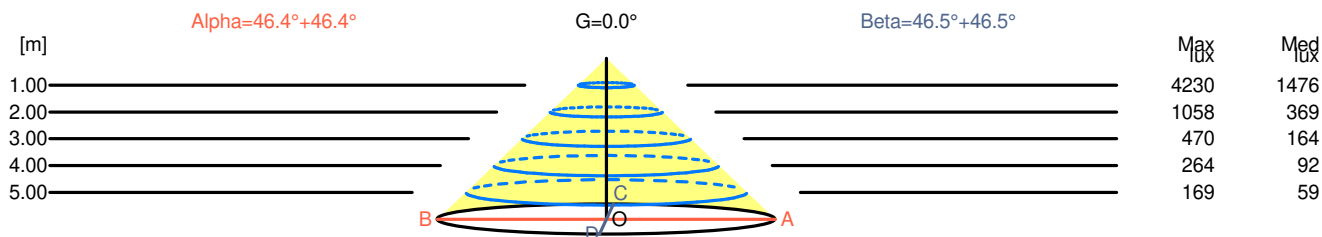
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Source Flux	16544 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

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	4230.30	4200.52	3977.18	3565.23	2974.61	2235.09	1354.95	739.52	357.35	109.19
OB	4230.30	4200.52	3977.18	3565.23	2974.61	2235.09	1354.95	739.52	357.35	109.19
OC	4230.30	4202.18	3973.87	3570.20	2982.88	2251.64	1381.42	713.05	365.62	110.84
OD	4230.30	4202.18	3973.87	3570.20	2982.88	2251.64	1381.42	713.05	365.62	110.84



H[m]	D[m]	Max lux	Med lux	Alpha=46.4°+46.4°	G=0.0	
1.00	2.10	4230	1476			
2.00	4.20	1058	369			
3.00	6.30	470	164			
4.00	8.40	264	92			
5.00	10.50	169	59			

H[m]	D[m]	Max lux	Med lux	Beta=46.5°+46.5°	G=0.0	
1.00	2.11	4230	1476			
2.00	4.22	1058	369			
3.00	6.33	470	164			
4.00	8.44	264	92			
5.00	10.54	169	59			

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Source Flux	16544 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	12.8	14.0	13.1	14.2	14.5	12.9	14.0	13.2	14.3	14.5
x=2H y=3H	13.7	14.8	14.1	15.0	15.3	13.7	14.8	14.1	15.1	15.3
x=2H y=4H	14.1	15.1	14.4	15.3	15.6	14.1	15.1	14.4	15.3	15.6
x=2H y=6H	14.3	15.3	14.7	15.6	15.9	14.3	15.3	14.7	15.6	15.9
x=2H y=8H	14.4	15.3	14.8	15.6	15.9	14.4	15.3	14.8	15.6	15.9
x=2H y=12H	14.4	15.3	14.8	15.6	15.9	14.5	15.3	14.8	15.6	16.0
x=4H y=2H	13.1	14.1	13.4	14.3	14.6	13.1	14.1	13.5	14.4	14.7
x=4H y=3H	14.1	15.0	14.5	15.3	15.6	14.1	15.0	14.5	15.3	15.6
x=4H y=4H	14.6	15.4	15.0	15.7	16.1	14.6	15.4	15.0	15.7	16.1
x=4H y=6H	15.0	15.7	15.4	16.0	16.4	15.0	15.7	15.5	16.1	16.4
x=4H y=8H	15.2	15.7	15.6	16.1	16.6	15.2	15.8	15.6	16.2	16.6
x=4H y=12H	15.2	15.8	15.7	16.2	16.6	15.3	15.8	15.7	16.2	16.7
x=8H y=4H	14.8	15.4	15.2	15.8	16.2	14.8	15.4	15.2	15.8	16.2
x=8H y=6H	15.3	15.8	15.8	16.2	16.7	15.3	15.8	15.8	16.2	16.7
x=8H y=8H	15.5	15.9	16.0	16.4	16.9	15.5	16.0	16.0	16.4	16.9
x=8H y=12H	15.7	16.0	16.2	16.5	17.0	15.7	16.1	16.2	16.5	17.0
x=12H y=4H	14.8	15.3	15.2	15.8	16.2	14.8	15.4	15.3	15.8	16.2
x=12H y=6H	15.3	15.8	15.8	16.2	16.7	15.4	15.8	15.8	16.2	16.7
x=12H y=8H	15.6	16.0	16.1	16.4	16.9	15.6	16.0	16.1	16.5	17.0

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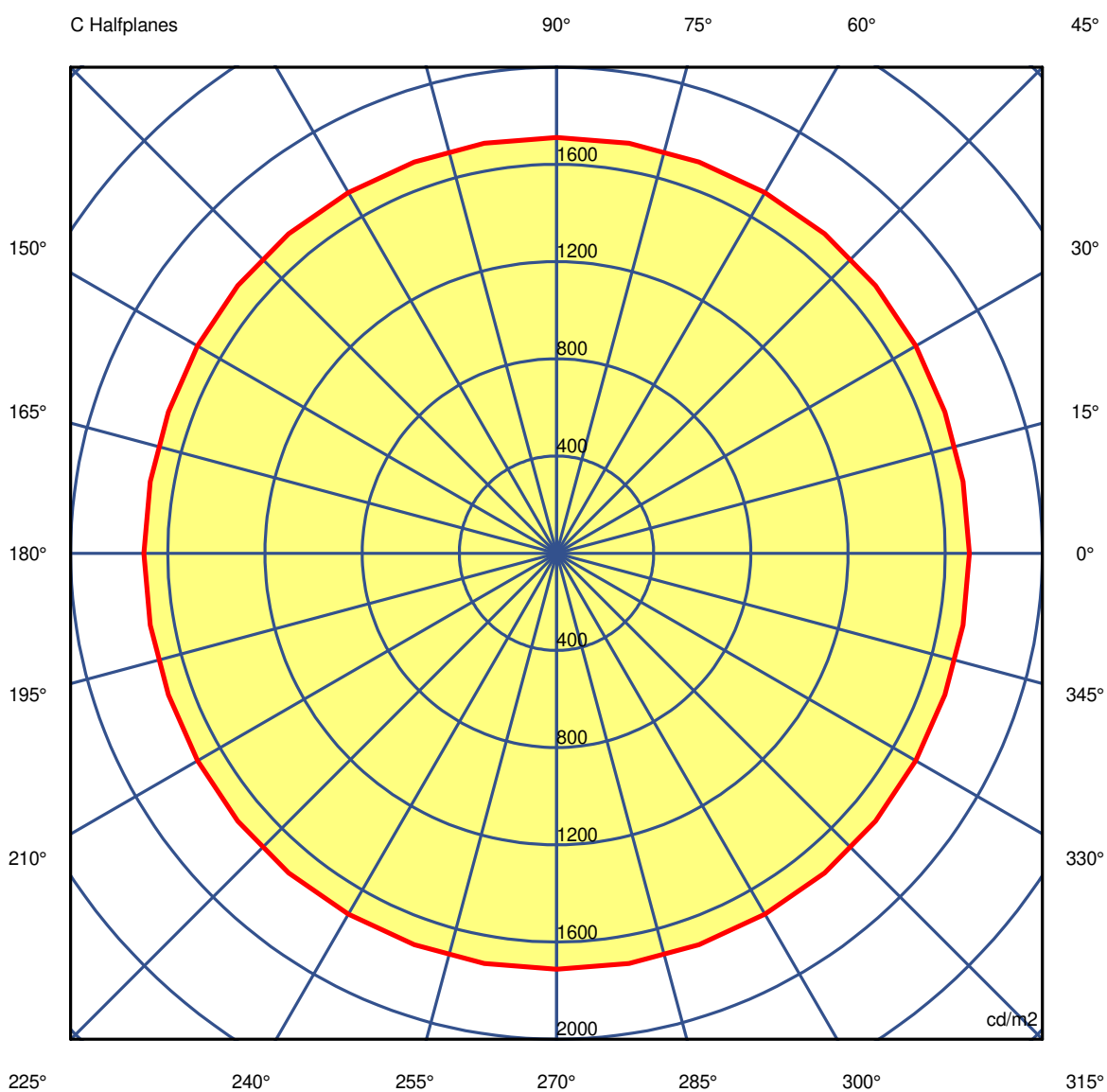
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Source Flux	16544 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	9125 lm		Luminaire Power		91.3 W		Efficacy		99.940 lm/W		Efficiency		55.16%	
Source Flux	16544 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	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	
G 5.0	2416	2416	2416	2415	2415	2415	2414	2414	2416	2417	2416	2414	2414	
G 10.0	2378	2377	2376	2375	2375	2376	2376	2376	2376	2378	2376	2376	2376	
G 15.0	2329	2327	2326	2324	2321	2321	2323	2323	2324	2327	2324	2323	2323	
G 20.0	2270	2268	2265	2261	2258	2257	2259	2263	2266	2269	2266	2263	2259	
G 25.0	2194	2192	2189	2185	2185	2185	2186	2188	2192	2197	2192	2188	2186	
G 30.0	2099	2098	2097	2098	2104	2106	2102	2099	2101	2106	2101	2099	2102	
G 35.0	1992	1993	1995	2002	2010	2012	2008	2000	1998	1998	1998	2000	2008	
G 40.0	1868	1871	1876	1884	1890	1892	1889	1882	1878	1878	1878	1882	1889	
G 45.0	1699	1699	1700	1706	1714	1716	1714	1714	1713	1711	1713	1714	1714	
G 50.0	1483	1493	1481	1428	1346	1348	1434	1488	1498	1483	1498	1488	1434	
G 55.0	1234	1297	1267	1133	986	969	1097	1250	1307	1258	1307	1250	1097	
G 60.0	1015	1074	1005	866	833	833	871	1022	1093	1023	1093	1022	871	
G 65.0	873	900	816	705	750	764	734	835	896	841	896	835	734	
G 70.0	732	774	739	669	685	691	686	732	764	751	764	732	686	
G 75.0	626	648	640	614	616	619	623	640	648	640	648	640	623	
G 80.0	564	557	557	564	573	574	568	567	569	571	569	567	568	
G 85.0	394	402	427	442	410	409	442	436	414	400	414	436	442	
G 90.0	262	184	181	210	171	168	210	196	181	196	181	196	210	

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Source Flux	16544 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	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439	
G 5.0	2415	2415	2415	2416	2416	2416	2416	2416	2415	2415	2415	2414	2414	2414	
G 10.0	2376	2375	2375	2376	2377	2378	2377	2376	2375	2375	2376	2376	2376	2376	
G 15.0	2321	2321	2324	2326	2327	2329	2327	2326	2324	2321	2321	2323	2323	2323	
G 20.0	2257	2258	2261	2265	2268	2270	2268	2265	2261	2258	2257	2259	2263	2263	
G 25.0	2185	2185	2185	2189	2192	2194	2192	2189	2185	2185	2185	2186	2188	2188	
G 30.0	2106	2104	2098	2097	2098	2099	2098	2097	2098	2104	2106	2102	2099	2099	
G 35.0	2012	2010	2002	1995	1993	1992	1993	1995	2002	2010	2012	2008	2000	2000	
G 40.0	1892	1890	1884	1876	1871	1868	1871	1876	1884	1890	1892	1889	1882	1882	
G 45.0	1716	1714	1706	1700	1699	1699	1699	1700	1706	1714	1716	1714	1714	1714	
G 50.0	1348	1346	1428	1481	1493	1483	1493	1481	1428	1346	1348	1434	1488	1488	
G 55.0	969	986	1133	1267	1297	1234	1297	1267	1133	986	969	1097	1250	1250	
G 60.0	833	833	866	1005	1074	1015	1074	1005	866	833	833	871	1022	1022	
G 65.0	764	750	705	816	900	873	900	816	705	750	764	734	835	835	
G 70.0	691	685	669	739	774	732	774	739	669	685	691	686	732	732	
G 75.0	619	616	614	640	648	626	648	640	614	616	619	623	640	640	
G 80.0	574	573	564	557	557	564	557	557	564	573	574	568	567	567	
G 85.0	409	410	442	427	402	394	402	427	442	410	409	442	436	436	
G 90.0	168	171	210	181	184	262	184	181	210	171	168	210	196	196	

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Source Flux	16544 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	2439	2439	2439	2439	2439	2439	2439	2439	2439	2439
G 5.0	2416	2417	2416	2414	2414	2415	2415	2415	2416	2416
G 10.0	2376	2378	2376	2376	2376	2376	2375	2375	2376	2377
G 15.0	2324	2327	2324	2323	2323	2321	2321	2324	2326	2327
G 20.0	2266	2269	2266	2263	2259	2257	2258	2261	2265	2268
G 25.0	2192	2197	2192	2188	2186	2185	2185	2185	2189	2192
G 30.0	2101	2106	2101	2099	2102	2106	2104	2098	2097	2098
G 35.0	1998	1998	1998	2000	2008	2012	2010	2002	1995	1993
G 40.0	1878	1878	1878	1882	1889	1892	1890	1884	1876	1871
G 45.0	1713	1711	1713	1714	1714	1716	1714	1706	1700	1699
G 50.0	1498	1483	1498	1488	1434	1348	1346	1428	1481	1493
G 55.0	1307	1258	1307	1250	1097	969	986	1133	1267	1297
G 60.0	1093	1023	1093	1022	871	833	833	866	1005	1074
G 65.0	896	841	896	835	734	764	750	705	816	900
G 70.0	764	751	764	732	686	691	685	669	739	774
G 75.0	648	640	648	640	623	619	616	614	640	648
G 80.0	569	571	569	567	568	574	573	564	557	557
G 85.0	414	400	414	436	442	409	410	442	427	402
G 90.0	181	196	181	196	210	168	171	210	181	184