

**Luminaire**

Code 90626L600

Name CONCEPT O 65 D/I D0600 GCONTROL+ 840

**Measurem.**

Code 31/7/2023

Name CONCEPT O 65 D/I D0600 GCONTROL+ 840

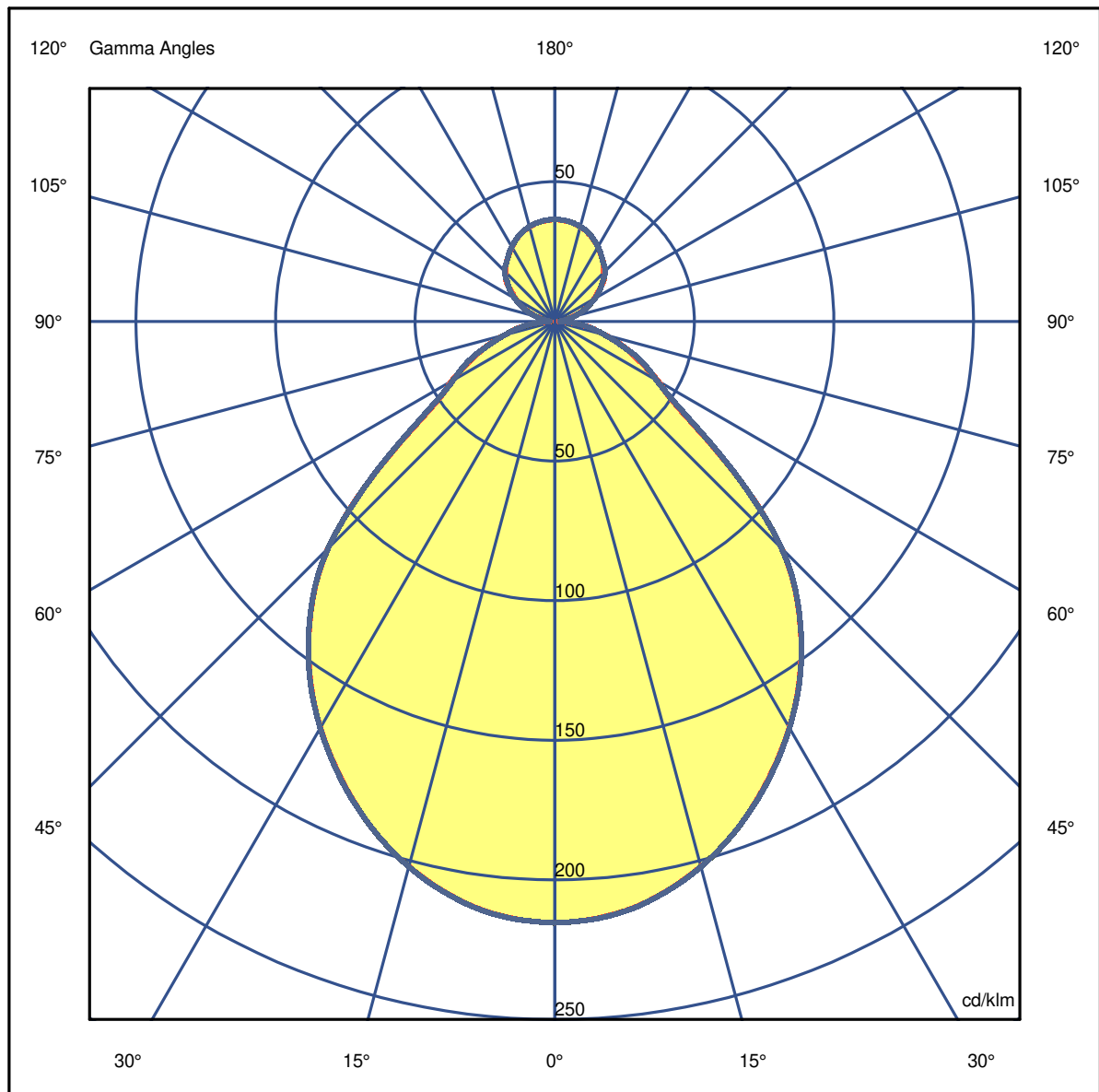
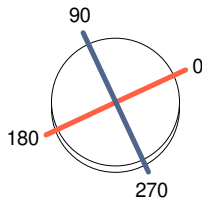
Luminaire Flux	4543 lm	Luminaire Power	43.9 W	Efficacy	103.390 lm/W	Efficiency	57.53%
Source Flux	7896 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



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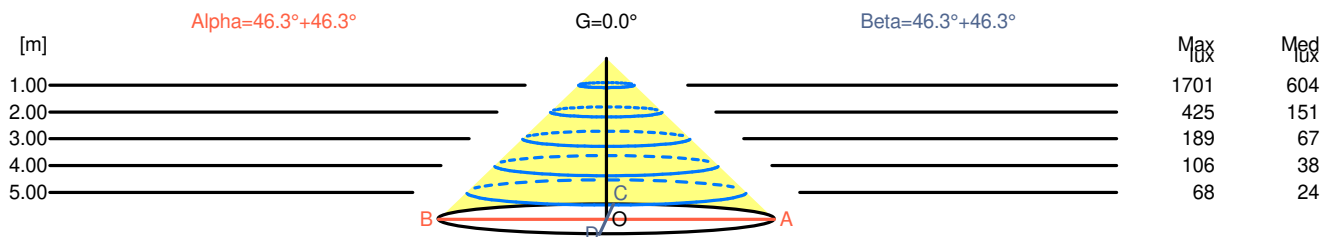
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Width at 50.00 % of Max Intensity

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	1700.80	1688.16	1595.78	1428.39	1209.67	906.46	428.75	264.52	145.29	48.17
OB	1700.80	1688.16	1595.78	1428.39	1209.67	906.46	428.75	264.52	145.29	48.17
OC	1700.80	1688.95	1596.57	1429.97	1211.25	907.25	436.65	273.20	145.29	50.53
OD	1700.80	1688.95	1596.57	1429.97	1211.25	907.25	436.65	273.20	145.29	50.53



H[m]	D[m]	Max lux	Med lux	Alpha=46.3°+46.3°	G=0.0
1.00	2.09	1701	604		
2.00	4.18	425	151		
3.00	6.27	189	67		
4.00	8.36	106	38		
5.00	10.45	68	24		

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1.00	2.09	1701	604		
2.00	4.18	425	151		
3.00	6.27	189	67		
4.00	8.36	106	38		
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**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	14.3	15.3	14.9	15.8	16.4	14.5	15.5	15.1	16.0	16.6
x=2H y=3H	15.0	15.9	15.5	16.4	17.0	15.1	16.0	15.7	16.5	17.1
x=2H y=4H	15.3	16.1	15.8	16.6	17.3	15.4	16.2	15.9	16.7	17.4
x=2H y=6H	15.5	16.2	16.1	16.8	17.5	15.6	16.3	16.2	16.9	17.6
x=2H y=8H	15.6	16.3	16.2	16.9	17.6	15.7	16.4	16.3	17.0	17.6
x=2H y=12H	15.6	16.3	16.2	16.9	17.6	15.7	16.4	16.3	17.0	17.7
x=4H y=2H	14.7	15.5	15.3	16.1	16.7	14.8	15.7	15.4	16.2	16.9
x=4H y=3H	15.5	16.2	16.1	16.8	17.5	15.7	16.3	16.3	17.0	17.6
x=4H y=4H	15.9	16.5	16.5	17.1	17.9	16.0	16.7	16.7	17.3	18.0
x=4H y=6H	16.2	16.8	16.9	17.4	18.2	16.4	16.9	17.0	17.5	18.3
x=4H y=8H	16.4	16.8	17.0	17.5	18.3	16.5	16.9	17.2	17.6	18.4
x=4H y=12H	16.4	16.8	17.1	17.5	18.3	16.5	17.0	17.2	17.6	18.5
x=8H y=4H	16.0	16.5	16.7	17.2	18.0	16.2	16.6	16.9	17.3	18.1
x=8H y=6H	16.5	16.9	17.2	17.6	18.4	16.6	17.0	17.3	17.7	18.5
x=8H y=8H	16.6	17.0	17.4	17.7	18.6	16.8	17.1	17.5	17.8	18.7
x=8H y=12H	16.8	17.1	17.5	17.8	18.7	16.9	17.2	17.6	17.9	18.8
x=12H y=4H	16.0	16.4	16.7	17.1	17.9	16.1	16.6	16.9	17.3	18.1
x=12H y=6H	16.5	16.8	17.2	17.6	18.4	16.6	17.0	17.3	17.7	18.5
x=12H y=8H	16.7	17.0	17.4	17.7	18.6	16.8	17.1	17.5	17.8	18.7

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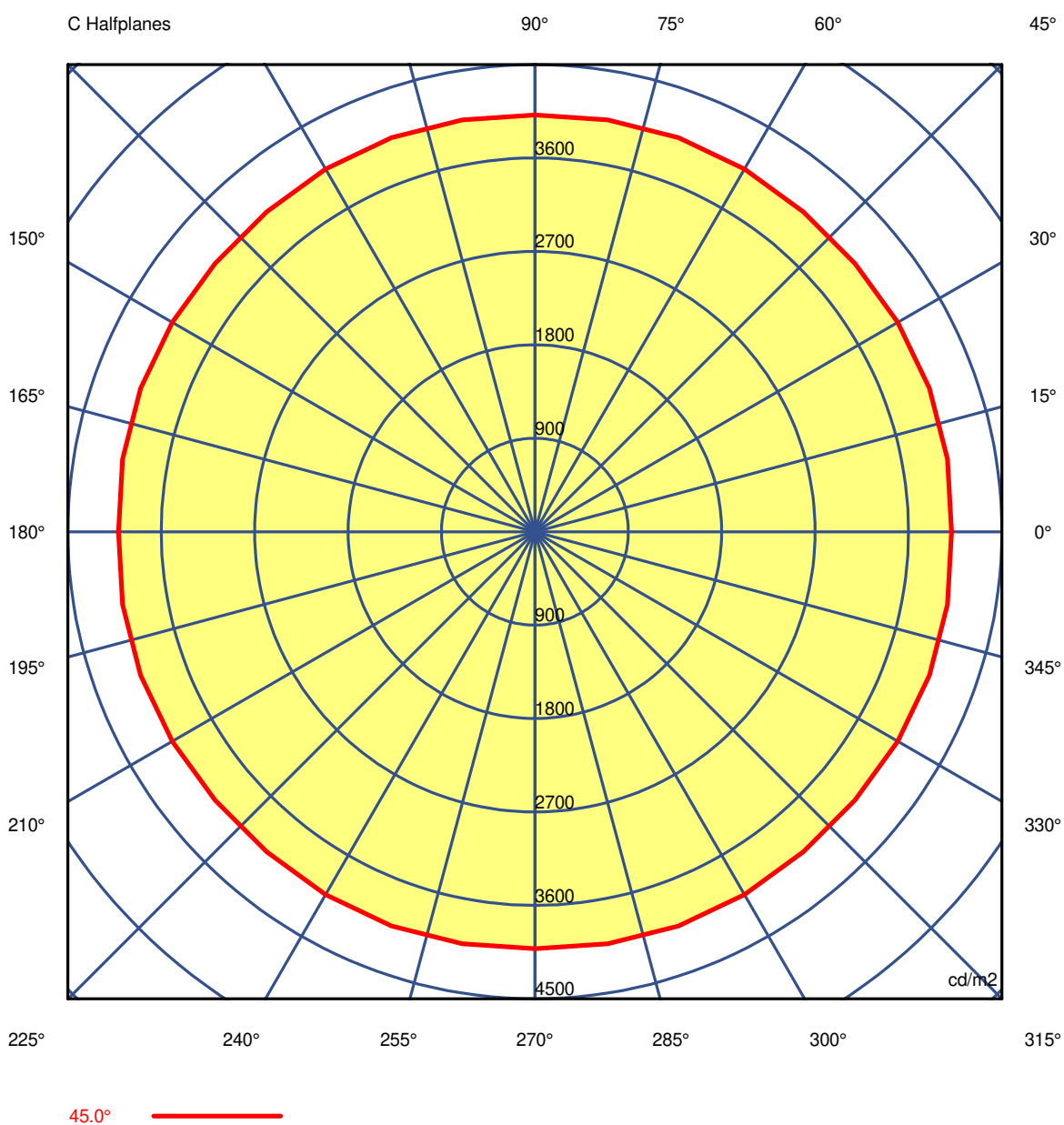
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Luminaire Flux	4543 lm	Luminaire Power	43.9 W	Efficacy	103.390 lm/W	Efficiency	57.53%
Source Flux	7896 lm	Maximum value	215.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Source Flux	7896 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	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306
G 5.0	6183	6185	6187	6186	6184	6184	6186	6186	6186	6186	6186	6186	6186
G 10.0	6026	6026	6027	6029	6027	6026	6029	6029	6029	6029	6029	6029	6029
G 15.0	5837	5833	5837	5845	5845	5846	5848	5845	5841	5840	5841	5845	5848
G 20.0	5623	5623	5625	5634	5644	5646	5640	5634	5628	5623	5628	5634	5640
G 25.0	5380	5382	5386	5395	5407	5411	5404	5393	5388	5386	5388	5393	5404
G 30.0	5132	5129	5123	5120	5126	5129	5129	5131	5133	5135	5133	5131	5129
G 35.0	4848	4844	4834	4817	4813	4815	4820	4832	4845	4855	4845	4832	4820
G 40.0	4504	4501	4495	4480	4467	4465	4477	4491	4501	4507	4501	4491	4477
G 45.0	4012	4036	4045	4037	4022	4023	4037	4040	4031	4016	4031	4040	4037
G 50.0	3113	3180	3305	3431	3438	3457	3483	3415	3279	3117	3279	3415	3483
G 55.0	2193	2273	2559	2884	2878	2913	2989	2769	2468	2234	2468	2769	2989
G 60.0	1894	1936	2098	2356	2300	2360	2493	2212	1931	1868	1931	2212	2493
G 65.0	1662	1581	1672	1836	1839	1908	1985	1722	1572	1717	1572	1722	1985
G 70.0	1476	1439	1451	1499	1541	1634	1669	1478	1372	1471	1372	1478	1669
G 75.0	1232	1263	1257	1239	1276	1354	1393	1318	1246	1232	1246	1318	1393
G 80.0	1071	1067	1054	1038	1037	1061	1079	1051	1035	1054	1035	1051	1079
G 85.0	659	712	718	680	652	652	680	715	720	691	720	715	680
G 90.0	269	301	332	333	283	280	301	241	240	349	240	241	301

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Source Flux	7896 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	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306	
G 5.0	6184	6184	6186	6187	6185	6183	6185	6187	6186	6184	6184	6186	6186	
G 10.0	6026	6027	6029	6027	6026	6026	6026	6027	6029	6027	6026	6029	6029	
G 15.0	5846	5845	5845	5837	5833	5837	5833	5837	5845	5845	5846	5848	5845	
G 20.0	5646	5644	5634	5625	5623	5623	5623	5625	5634	5644	5646	5640	5634	
G 25.0	5411	5407	5395	5386	5382	5380	5382	5386	5395	5407	5411	5404	5393	
G 30.0	5129	5126	5120	5123	5129	5132	5129	5123	5120	5126	5129	5129	5131	
G 35.0	4815	4813	4817	4834	4844	4848	4844	4834	4817	4813	4815	4820	4832	
G 40.0	4465	4467	4480	4495	4501	4504	4501	4495	4480	4467	4465	4477	4491	
G 45.0	4023	4022	4037	4045	4036	4012	4036	4045	4037	4022	4023	4037	4040	
G 50.0	3457	3438	3431	3305	3180	3113	3180	3305	3431	3438	3457	3483	3415	
G 55.0	2913	2878	2884	2559	2273	2193	2273	2559	2884	2878	2913	2989	2769	
G 60.0	2360	2300	2356	2098	1936	1894	1936	2098	2356	2300	2360	2493	2212	
G 65.0	1908	1839	1836	1672	1581	1662	1581	1672	1836	1839	1908	1985	1722	
G 70.0	1634	1541	1499	1451	1439	1476	1439	1451	1499	1541	1634	1669	1478	
G 75.0	1354	1276	1239	1257	1263	1232	1263	1257	1239	1276	1354	1393	1318	
G 80.0	1061	1037	1038	1054	1067	1071	1067	1054	1038	1037	1061	1079	1051	
G 85.0	652	652	680	718	712	659	712	718	680	652	652	680	715	
G 90.0	280	283	333	332	301	269	301	332	333	283	280	301	241	

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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	6306	6306	6306	6306	6306	6306	6306	6306	6306	6306
G 5.0	6186	6186	6186	6186	6186	6184	6184	6186	6187	6185
G 10.0	6029	6029	6029	6029	6029	6026	6027	6029	6027	6026
G 15.0	5841	5840	5841	5845	5848	5846	5845	5845	5837	5833
G 20.0	5628	5623	5628	5634	5640	5646	5644	5634	5625	5623
G 25.0	5388	5386	5388	5393	5404	5411	5407	5395	5386	5382
G 30.0	5133	5135	5133	5131	5129	5129	5126	5120	5123	5129
G 35.0	4845	4855	4845	4832	4820	4815	4813	4817	4834	4844
G 40.0	4501	4507	4501	4491	4477	4465	4467	4480	4495	4501
G 45.0	4031	4016	4031	4040	4037	4023	4022	4037	4045	4036
G 50.0	3279	3117	3279	3415	3483	3457	3438	3431	3305	3180
G 55.0	2468	2234	2468	2769	2989	2913	2878	2884	2559	2273
G 60.0	1931	1868	1931	2212	2493	2360	2300	2356	2098	1936
G 65.0	1572	1717	1572	1722	1985	1908	1839	1836	1672	1581
G 70.0	1372	1471	1372	1478	1669	1634	1541	1499	1451	1439
G 75.0	1246	1232	1246	1318	1393	1354	1276	1239	1257	1263
G 80.0	1035	1054	1035	1051	1079	1061	1037	1038	1054	1067
G 85.0	720	691	720	715	680	652	652	680	718	712
G 90.0	240	349	240	241	301	280	283	333	332	301