

**Luminaire**

Code 90636L600  
Name CONCEPT O 65 D/I D0600 LIGHT+ 830

**Measurem.**

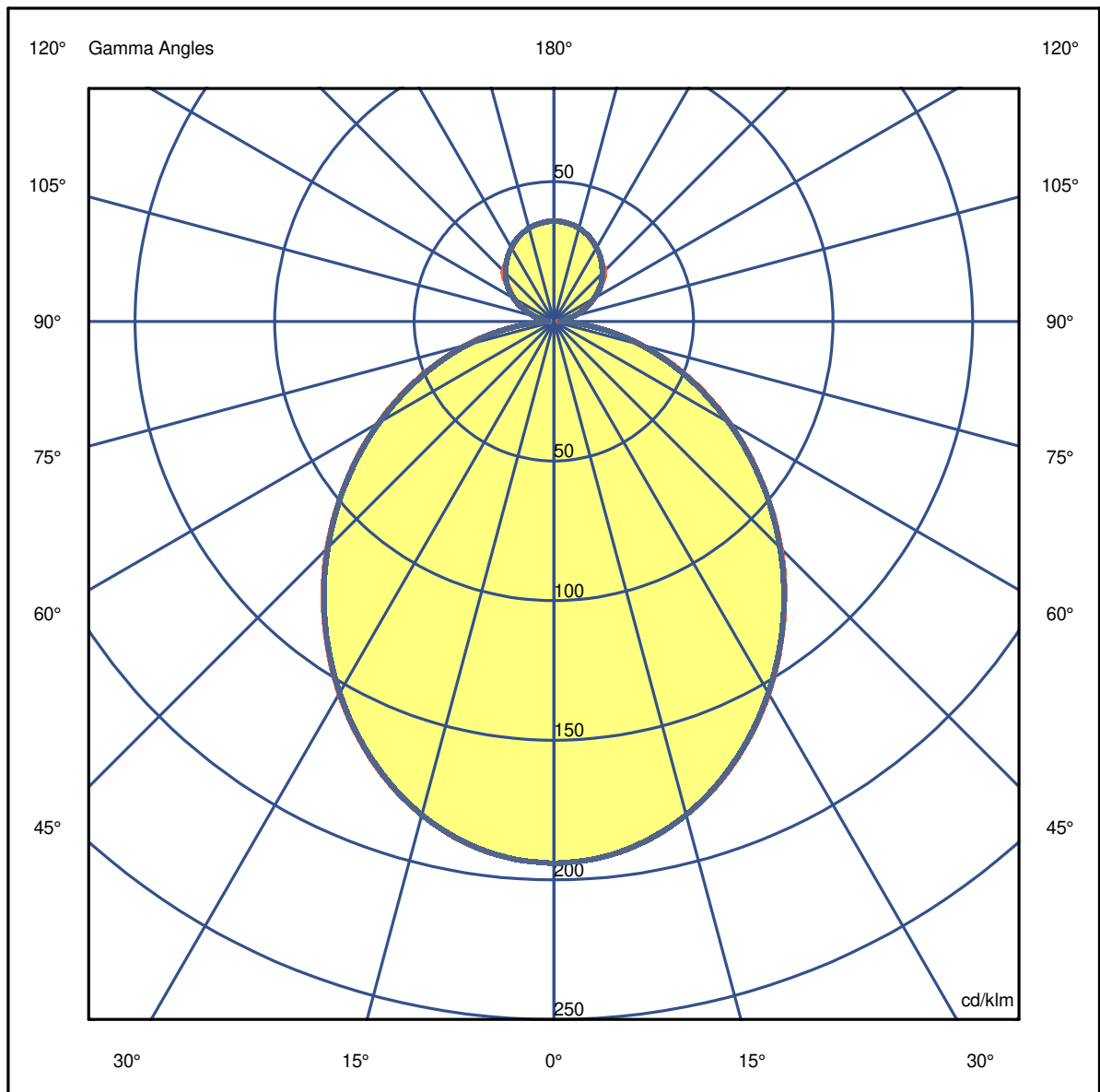
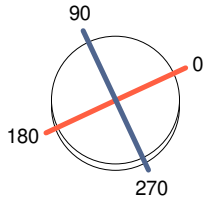
Code 31/7/2023  
Name CONCEPT O 65 D/I D0600 LIGHT+ 830

Luminaire Flux	4606 lm	Luminaire Power	43.9 W	Efficacy	104.824 lm/W	Efficiency	60.93%
Source Flux	7560 lm	Maximum value	194.00 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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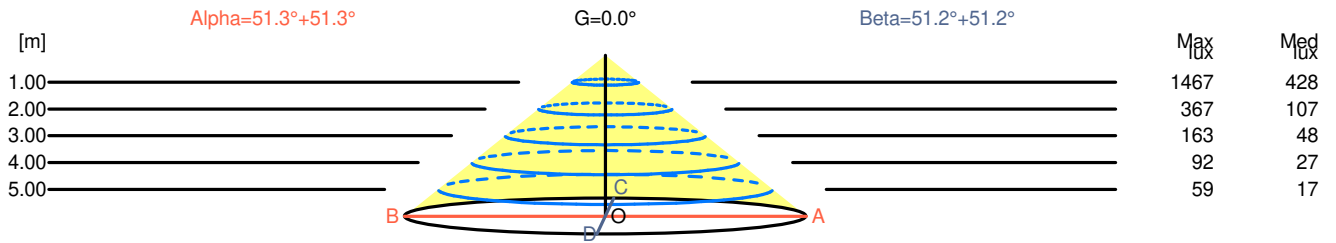
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Width at 50.00 % of Max Intensity

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	1.25	2.50	3.75	4.99	6.24	OC	1.25	2.49	3.74	4.98	6.23
OB	1.25	2.50	3.75	4.99	6.24	OD	1.25	2.49	3.74	4.98	6.23

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	1466.64	1456.81	1382.72	1247.40	1069.74	868.64	654.70	443.77	244.19	65.77
OB	1466.64	1456.81	1382.72	1247.40	1069.74	868.64	654.70	443.77	244.19	65.77
OC	1466.64	1456.81	1382.72	1245.89	1067.47	864.86	651.67	439.24	240.41	65.77
OD	1466.64	1456.81	1382.72	1245.89	1067.47	864.86	651.67	439.24	240.41	65.77



H[m]	D[m]	Max lux	Med lux	Alpha=51.3°+51.3°	G=0.0	
1.00	2.50	1467	428			
2.00	4.99	367	107			
3.00	7.49	163	48			
4.00	9.99	92	27			
5.00	12.49	59	17			

H[m]	D[m]	Max lux	Med lux	Beta=51.2°+51.2°	G=0.0	
1.00	2.49	1467	428			
2.00	4.98	367	107			
3.00	7.47	163	48			
4.00	9.96	92	27			
5.00	12.45	59	17			

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Source Flux	7560 lm	Maximum value	194.00 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	15.7	16.7	16.2	17.2	17.8	15.6	16.7	16.2	17.2	17.8
x=2H y=3H	16.9	17.9	17.5	18.5	19.1	16.9	17.9	17.5	18.4	19.1
x=2H y=4H	17.4	18.3	18.0	18.9	19.5	17.4	18.3	18.0	18.9	19.5
x=2H y=6H	17.7	18.6	18.3	19.2	19.8	17.7	18.5	18.3	19.1	19.8
x=2H y=8H	17.8	18.6	18.4	19.2	19.9	17.8	18.6	18.4	19.2	19.9
x=2H y=12H	17.8	18.6	18.5	19.2	19.9	17.8	18.6	18.4	19.2	19.9
x=4H y=2H	16.2	17.1	16.7	17.6	18.3	16.2	17.1	16.7	17.6	18.3
x=4H y=3H	17.6	18.4	18.3	19.0	19.7	17.6	18.4	18.2	19.0	19.7
x=4H y=4H	18.2	18.9	18.9	19.5	20.3	18.2	18.9	18.9	19.5	20.2
x=4H y=6H	18.6	19.2	19.3	19.9	20.6	18.6	19.2	19.3	19.9	20.6
x=4H y=8H	18.8	19.3	19.4	20.0	20.7	18.7	19.3	19.4	19.9	20.7
x=4H y=12H	18.8	19.3	19.5	20.0	20.8	18.8	19.3	19.5	19.9	20.7
x=8H y=4H	18.4	19.0	19.1	19.6	20.4	18.4	18.9	19.1	19.6	20.4
x=8H y=6H	18.9	19.4	19.7	20.1	20.9	18.9	19.4	19.6	20.0	20.9
x=8H y=8H	19.1	19.5	19.8	20.2	21.0	19.1	19.5	19.8	20.2	21.0
x=8H y=12H	19.2	19.5	19.9	20.3	21.1	19.2	19.5	19.9	20.2	21.1
x=12H y=4H	18.4	18.9	19.1	19.6	20.4	18.4	18.9	19.1	19.5	20.3
x=12H y=6H	19.0	19.4	19.7	20.1	20.9	18.9	19.3	19.7	20.0	20.9
x=12H y=8H	19.2	19.5	19.9	20.2	21.1	19.1	19.5	19.9	20.2	21.0

**Luminaire**

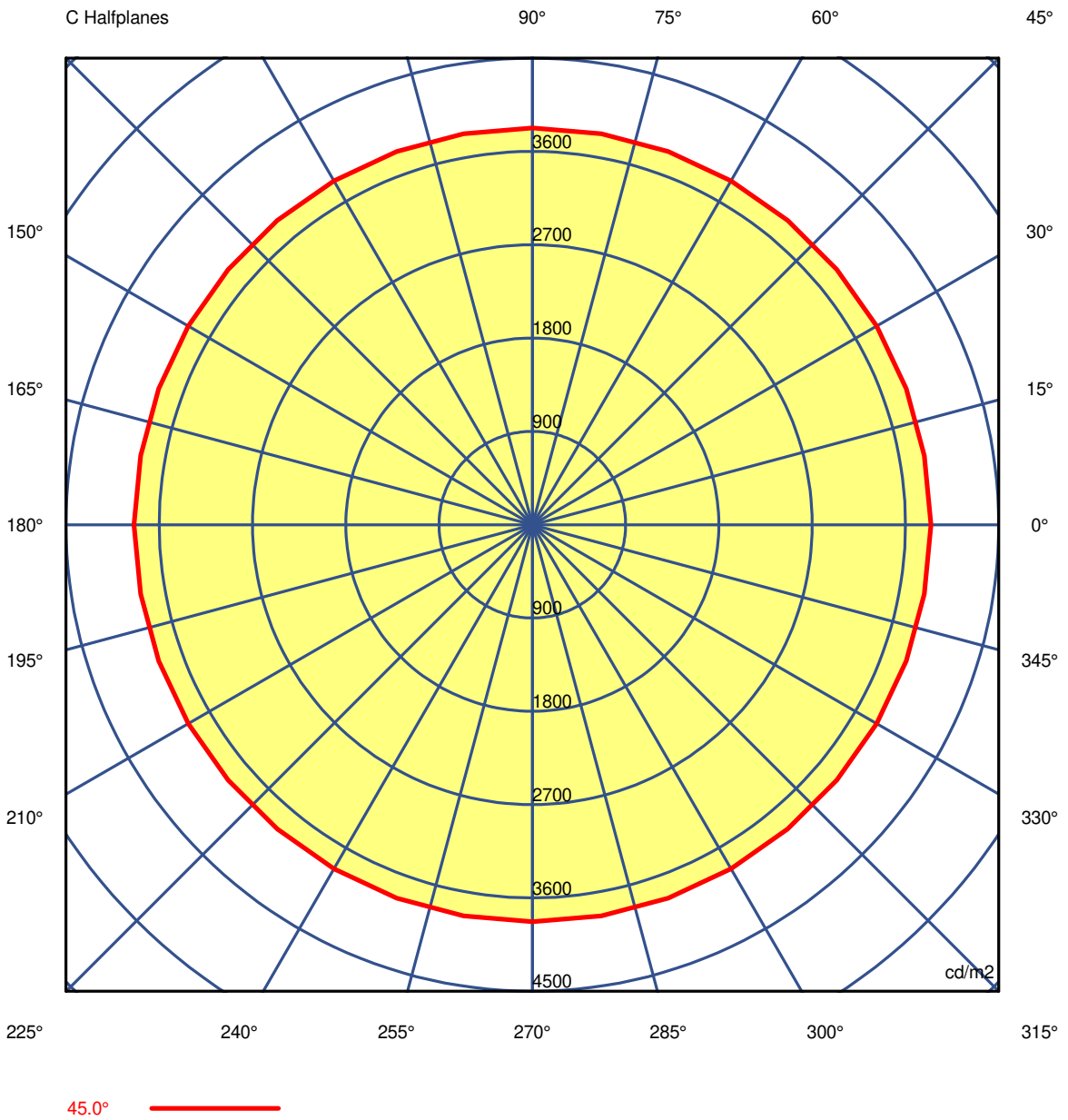
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**Measurem.**

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Luminaire Flux	4606 lm	Luminaire Power	43.9 W	Efficacy	104.824 lm/W	Efficiency	60.93%
Source Flux	7560 lm	Maximum value	194.00 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	4606 lm	Luminaire Power	43.9 W	Efficacy	104.824 lm/W	Efficiency	60.93%
Source Flux	7560 lm	Maximum value	194.00 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	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438
G 5.0	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336
G 10.0	5210	5210	5209	5207	5209	5210	5210	5209	5209	5207	5209	5210	5210
G 15.0	5057	5057	5057	5057	5055	5056	5060	5059	5057	5057	5057	5059	5060
G 20.0	4889	4884	4883	4886	4886	4886	4886	4884	4883	4883	4883	4884	4886
G 25.0	4699	4699	4699	4699	4697	4695	4696	4698	4698	4693	4698	4698	4696
G 30.0	4498	4496	4496	4496	4494	4493	4493	4493	4492	4490	4492	4493	4493
G 35.0	4288	4286	4283	4282	4282	4282	4282	4282	4281	4278	4281	4282	4282
G 40.0	4071	4067	4063	4062	4061	4063	4065	4063	4062	4062	4062	4063	4065
G 45.0	3845	3840	3837	3835	3832	3831	3831	3831	3831	3828	3831	3831	3831
G 50.0	3599	3599	3597	3592	3592	3591	3588	3591	3592	3592	3592	3591	3588
G 55.0	3349	3347	3342	3337	3340	3341	3337	3337	3337	3333	3337	3337	3337
G 60.0	3079	3075	3077	3079	3073	3071	3075	3073	3069	3067	3069	3073	3075
G 65.0	2789	2777	2775	2779	2776	2775	2775	2772	2767	2760	2767	2772	2775
G 70.0	2457	2454	2451	2447	2439	2434	2436	2441	2439	2430	2439	2441	2436
G 75.0	2071	2055	2054	2058	2045	2039	2045	2042	2039	2039	2039	2042	2045
G 80.0	1577	1571	1567	1561	1554	1556	1561	1556	1553	1553	1553	1556	1561
G 85.0	899	893	885	879	877	881	889	897	899	899	899	897	889
G 90.0	319	358	401	410	350	349	379	301	290	410	290	301	379

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**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	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438
G 5.0	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336
G 10.0	5210	5209	5207	5209	5210	5210	5210	5209	5207	5209	5210	5210	5210
G 15.0	5056	5055	5057	5057	5057	5057	5057	5057	5057	5055	5056	5060	5059
G 20.0	4886	4886	4886	4883	4884	4889	4884	4883	4886	4886	4886	4886	4884
G 25.0	4695	4697	4699	4699	4699	4699	4699	4699	4699	4697	4695	4696	4698
G 30.0	4493	4494	4496	4496	4496	4498	4496	4496	4496	4494	4493	4493	4493
G 35.0	4282	4282	4282	4283	4286	4288	4286	4283	4282	4282	4282	4282	4282
G 40.0	4063	4061	4062	4063	4067	4071	4067	4063	4062	4061	4063	4065	4063
G 45.0	3831	3832	3835	3837	3840	3845	3840	3837	3835	3832	3831	3831	3831
G 50.0	3591	3592	3592	3597	3599	3599	3599	3597	3592	3592	3591	3588	3591
G 55.0	3341	3340	3337	3342	3347	3349	3347	3342	3337	3340	3341	3337	3337
G 60.0	3071	3073	3079	3077	3075	3079	3075	3077	3079	3073	3071	3075	3073
G 65.0	2775	2776	2779	2775	2777	2789	2777	2775	2779	2776	2775	2775	2772
G 70.0	2434	2439	2447	2451	2454	2457	2454	2451	2447	2439	2434	2436	2441
G 75.0	2039	2045	2058	2054	2055	2071	2055	2054	2058	2045	2039	2045	2042
G 80.0	1556	1554	1561	1567	1571	1577	1571	1567	1561	1554	1556	1561	1556
G 85.0	881	877	879	885	893	899	893	885	879	877	881	889	897
G 90.0	349	350	410	401	358	319	358	401	410	350	349	379	301

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**Measur.**

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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	5438	5438	5438	5438	5438	5438	5438	5438	5438	5438
G 5.0	5336	5336	5336	5336	5336	5336	5336	5336	5336	5336
G 10.0	5209	5207	5209	5210	5210	5210	5209	5207	5209	5210
G 15.0	5057	5057	5057	5059	5060	5056	5055	5057	5057	5057
G 20.0	4883	4883	4883	4884	4886	4886	4886	4886	4883	4884
G 25.0	4698	4693	4698	4698	4696	4695	4697	4699	4699	4699
G 30.0	4492	4490	4492	4493	4493	4493	4494	4496	4496	4496
G 35.0	4281	4278	4281	4282	4282	4282	4282	4282	4283	4286
G 40.0	4062	4062	4062	4063	4065	4063	4061	4062	4063	4067
G 45.0	3831	3828	3831	3831	3831	3831	3832	3835	3837	3840
G 50.0	3592	3592	3592	3591	3588	3591	3592	3592	3597	3599
G 55.0	3337	3333	3337	3337	3337	3341	3340	3337	3342	3347
G 60.0	3069	3067	3069	3073	3075	3071	3073	3079	3077	3075
G 65.0	2767	2760	2767	2772	2775	2775	2776	2779	2775	2777
G 70.0	2439	2430	2439	2441	2436	2434	2439	2447	2451	2454
G 75.0	2039	2039	2039	2042	2045	2039	2045	2058	2054	2055
G 80.0	1553	1553	1553	1556	1561	1556	1554	1561	1567	1571
G 85.0	899	899	899	897	889	881	877	879	885	893
G 90.0	290	410	290	301	379	349	350	410	401	358