

**Luminaire**

Code 90539L016  
Name CONCEPT O 35 D0777 BFLEX 830

**Measurem.**

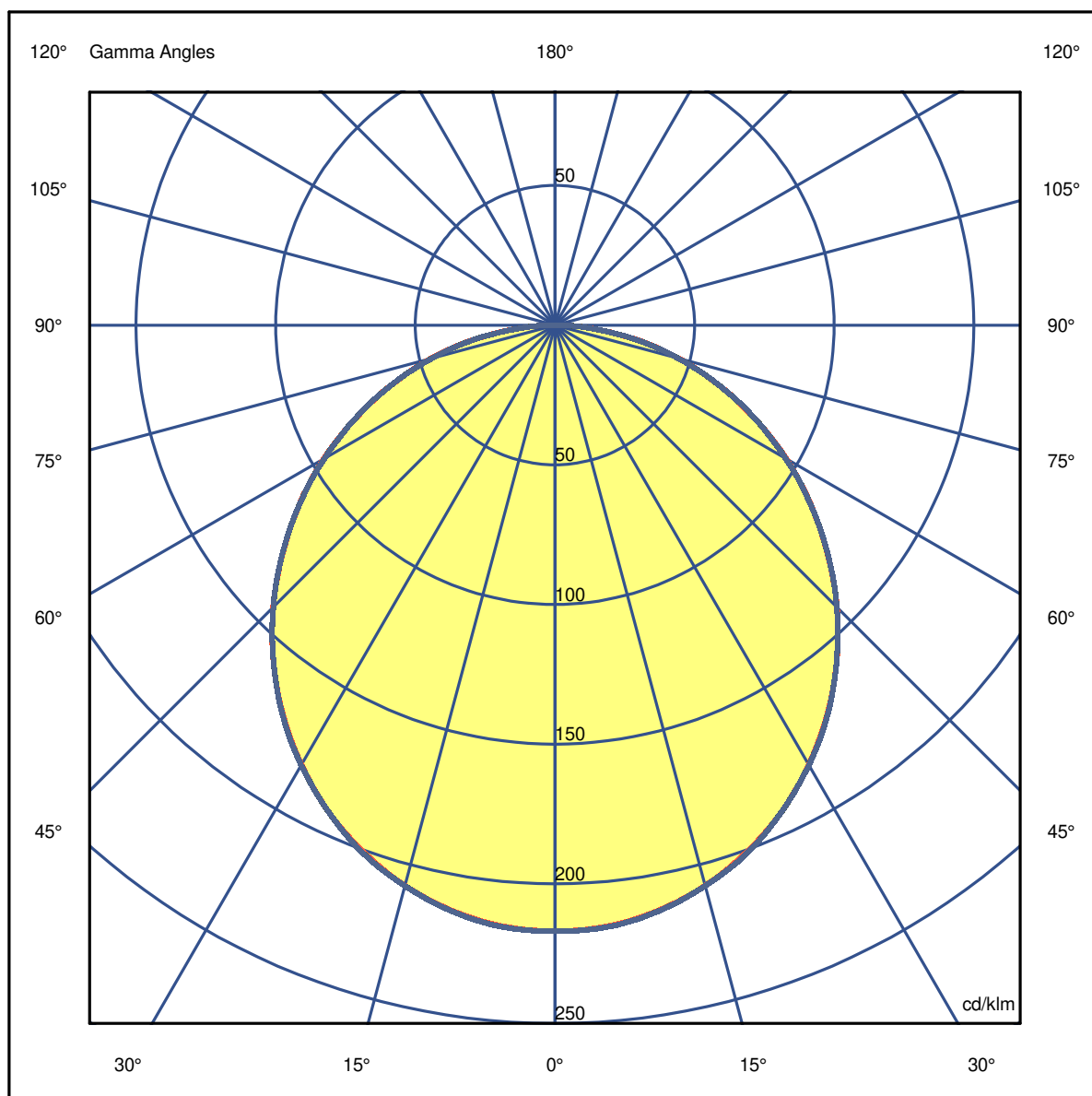
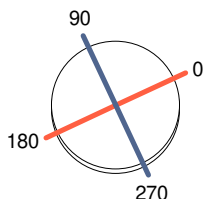
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Luminaire Flux	6370 lm	Luminaire Power	67.6 W	Efficacy	94.196 lm/W	Efficiency	62.59%
Source Flux	10176 lm	Maximum value	217.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=777mm

C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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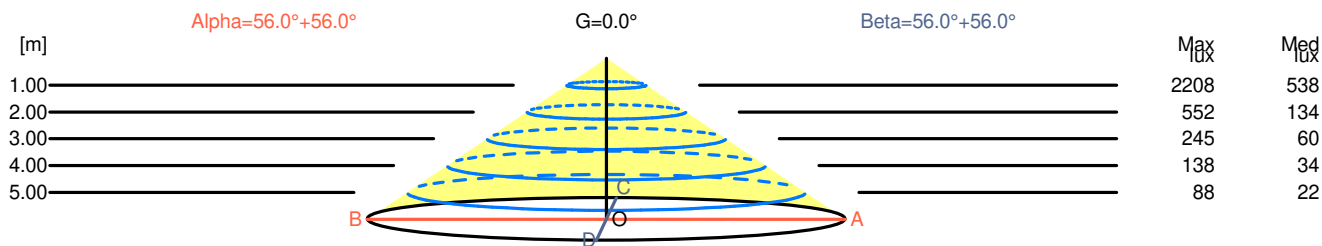
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Width at 50.00 % of Max Intensity

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	1.49	2.97	4.46	5.94	7.43	OC	1.48	2.96	4.45	5.93	7.41
OB	1.49	2.97	4.46	5.94	7.43	OD	1.48	2.96	4.45	5.93	7.41

	0	5	15	25	35	45	55	65	75	85
OA	2208.19	2198.02	2113.56	1954.81	1729.92	1453.13	1137.68	802.89	467.08	135.34
OB	2208.19	2198.02	2113.56	1954.81	1729.92	1453.13	1137.68	802.89	467.08	135.34
OC	2208.19	2200.05	2114.57	1954.81	1731.96	1452.12	1136.66	802.89	464.03	134.32
OD	2208.19	2200.05	2114.57	1954.81	1731.96	1452.12	1136.66	802.89	464.03	134.32



H[m]	D[m]	Max lux	Med lux	Alpha=56.0°+56.0°	G=0.0	
1.00	2.97	2208	538			
2.00	5.94	552	134			
3.00	8.91	245	60			
4.00	11.88	138	34			
5.00	14.85	88	22			

H[m]	D[m]	Max lux	Med lux	Beta=56.0°+56.0°	G=0.0	
1.00	2.96	2208	538			
2.00	5.93	552	134			
3.00	8.89	245	60			
4.00	11.86	138	34			
5.00	14.82	88	22			

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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	17.4	18.7	17.7	18.9	19.2	17.4	18.7	17.7	18.9	19.2
x=2H y=3H	19.0	20.2	19.3	20.4	20.7	18.9	20.2	19.3	20.4	20.7
x=2H y=4H	19.6	20.7	19.9	21.0	21.3	19.6	20.7	19.9	21.0	21.3
x=2H y=6H	20.1	21.1	20.4	21.4	21.8	20.0	21.1	20.4	21.4	21.7
x=2H y=8H	20.2	21.2	20.6	21.6	21.9	20.2	21.2	20.6	21.5	21.9
x=2H y=12H	20.3	21.3	20.7	21.6	21.9	20.2	21.2	20.6	21.6	21.9
x=4H y=2H	18.1	19.2	18.4	19.5	19.8	18.0	19.2	18.4	19.5	19.8
x=4H y=3H	19.8	20.8	20.2	21.1	21.5	19.8	20.8	20.2	21.1	21.5
x=4H y=4H	20.6	21.5	21.0	21.8	22.2	20.6	21.5	21.0	21.8	22.2
x=4H y=6H	21.2	22.0	21.6	22.3	22.7	21.2	21.9	21.6	22.3	22.7
x=4H y=8H	21.4	22.1	21.8	22.5	22.9	21.3	22.1	21.8	22.5	22.9
x=4H y=12H	21.5	22.1	21.9	22.6	23.0	21.5	22.1	21.9	22.5	23.0
x=8H y=4H	20.9	21.6	21.3	22.0	22.4	20.9	21.6	21.3	22.0	22.4
x=8H y=6H	21.6	22.2	22.1	22.7	23.1	21.6	22.2	22.1	22.6	23.1
x=8H y=8H	21.9	22.4	22.4	22.9	23.3	21.9	22.4	22.4	22.8	23.3
x=8H y=12H	22.1	22.5	22.6	23.0	23.5	22.1	22.5	22.5	23.0	23.5
x=12H y=4H	20.9	21.6	21.4	22.0	22.4	20.9	21.5	21.4	22.0	22.4
x=12H y=6H	21.7	22.2	22.2	22.7	23.1	21.7	22.2	22.2	22.6	23.1
x=12H y=8H	22.0	22.4	22.5	22.9	23.4	22.0	22.4	22.5	22.9	23.4

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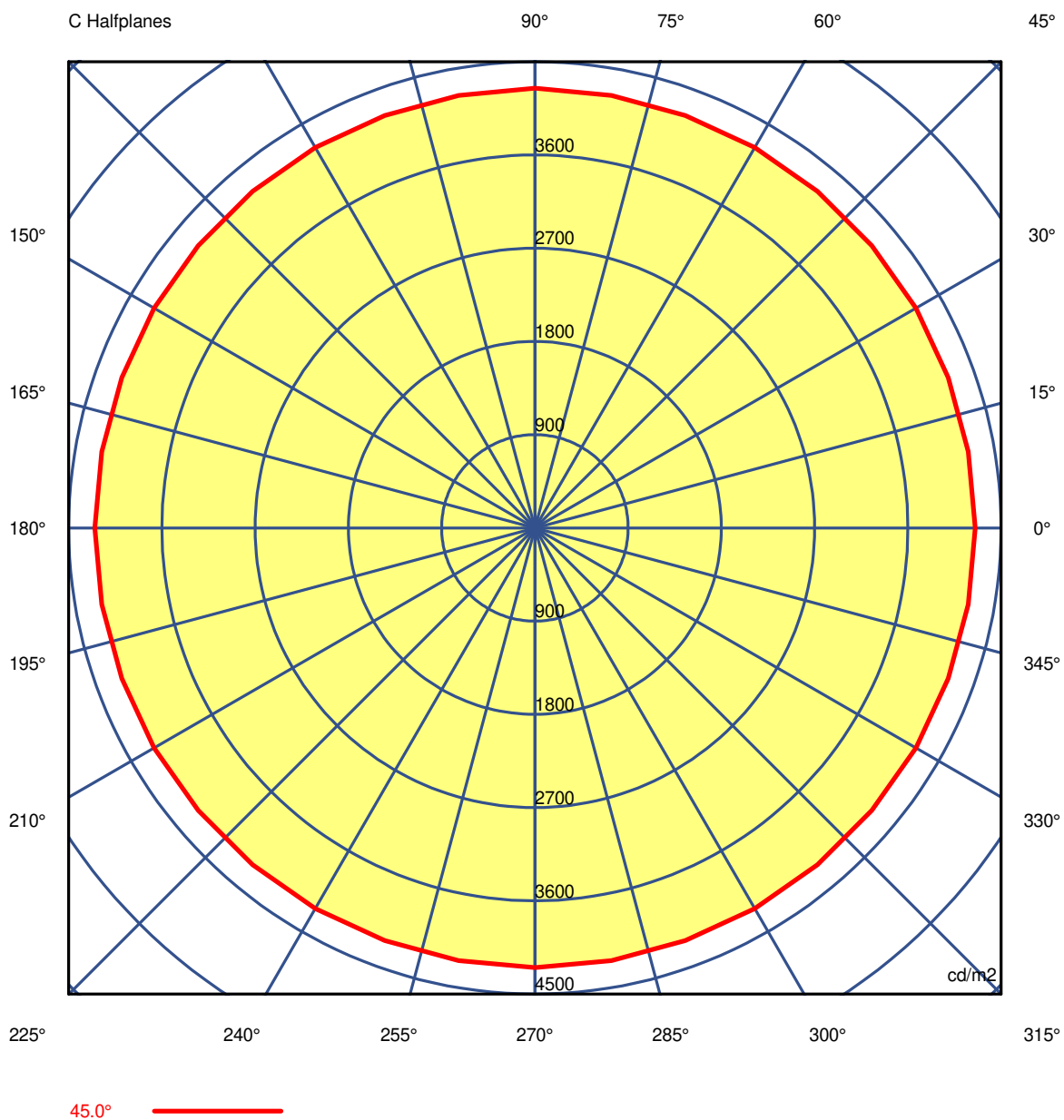
**Measurem.**

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Luminaire Flux	6370 lm	Luminaire Power	67.6 W	Efficacy	94.196 lm/W	Efficiency	62.59%
Source Flux	10176 lm	Maximum value	217.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Source Flux	10176 lm		Maximum value		217.00 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	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998	
G 5.0	4953	4949	4950	4953	4950	4949	4953	4953	4954	4958	4954	4953	4953	
G 10.0	4895	4895	4896	4897	4894	4894	4897	4896	4896	4900	4896	4896	4897	
G 15.0	4830	4833	4835	4832	4828	4829	4832	4832	4832	4832	4832	4832	4832	
G 20.0	4755	4756	4759	4760	4757	4754	4755	4756	4759	4765	4759	4756	4755	
G 25.0	4675	4673	4673	4675	4673	4673	4673	4673	4673	4675	4673	4673	4673	
G 30.0	4579	4579	4580	4584	4582	4581	4581	4581	4582	4584	4582	4581	4581	
G 35.0	4482	4479	4480	4482	4480	4479	4479	4477	4479	4487	4479	4477	4479	
G 40.0	4369	4366	4368	4372	4370	4370	4372	4368	4366	4369	4366	4368	4372	
G 45.0	4248	4245	4245	4245	4243	4242	4242	4239	4240	4245	4240	4239	4242	
G 50.0	4101	4106	4107	4104	4101	4102	4104	4099	4098	4104	4098	4099	4104	
G 55.0	3953	3957	3954	3949	3952	3952	3949	3949	3949	3949	3949	3949	3949	
G 60.0	3785	3775	3776	3781	3773	3770	3773	3771	3770	3773	3770	3771	3773	
G 65.0	3572	3576	3575	3572	3572	3572	3572	3569	3568	3572	3568	3569	3572	
G 70.0	3327	3327	3326	3321	3317	3318	3321	3318	3316	3321	3316	3318	3321	
G 75.0	3015	3005	3002	3002	2993	2989	2989	2984	2984	2995	2984	2984	2989	
G 80.0	2542	2529	2525	2525	2514	2504	2499	2497	2505	2525	2505	2497	2499	
G 85.0	1685	1662	1664	1672	1646	1632	1647	1656	1663	1672	1663	1656	1647	
G 90.0	678	566	595	678	609	600	654	568	548	678	548	568	654	

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Source Flux	10176 lm		Maximum value		217.00 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	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998	
G 5.0	4949	4950	4953	4950	4949	4953	4949	4950	4953	4950	4949	4953	4953	
G 10.0	4894	4894	4897	4896	4895	4895	4895	4896	4897	4894	4894	4897	4896	
G 15.0	4829	4828	4832	4835	4833	4830	4833	4835	4832	4828	4829	4832	4832	
G 20.0	4754	4757	4760	4759	4756	4755	4756	4759	4760	4757	4754	4755	4756	
G 25.0	4673	4673	4675	4673	4673	4675	4673	4673	4675	4673	4673	4673	4673	
G 30.0	4581	4582	4584	4580	4579	4579	4579	4580	4584	4582	4581	4581	4581	
G 35.0	4479	4480	4482	4480	4479	4482	4479	4480	4482	4480	4479	4479	4477	
G 40.0	4370	4370	4372	4368	4366	4369	4366	4368	4372	4370	4370	4372	4368	
G 45.0	4242	4243	4245	4245	4245	4248	4245	4245	4245	4243	4242	4242	4239	
G 50.0	4102	4101	4104	4107	4106	4101	4106	4107	4104	4101	4102	4104	4099	
G 55.0	3952	3952	3949	3954	3957	3953	3957	3954	3949	3952	3952	3949	3949	
G 60.0	3770	3773	3781	3776	3775	3785	3775	3776	3781	3773	3770	3773	3771	
G 65.0	3572	3572	3572	3575	3576	3572	3576	3575	3572	3572	3572	3572	3569	
G 70.0	3318	3317	3321	3326	3327	3327	3327	3326	3321	3317	3318	3321	3318	
G 75.0	2989	2993	3002	3002	3005	3015	3005	3002	3002	2993	2989	2989	2984	
G 80.0	2504	2514	2525	2525	2529	2542	2529	2525	2525	2514	2504	2499	2497	
G 85.0	1632	1646	1672	1664	1662	1685	1662	1664	1672	1646	1632	1647	1656	
G 90.0	600	609	678	595	566	678	566	595	678	609	600	654	568	

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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	4998	4998	4998	4998	4998	4998	4998	4998	4998	4998
G 5.0	4954	4958	4954	4953	4953	4949	4950	4953	4950	4949
G 10.0	4896	4900	4896	4896	4897	4894	4894	4897	4896	4895
G 15.0	4832	4832	4832	4832	4832	4829	4828	4832	4835	4833
G 20.0	4759	4765	4759	4756	4755	4754	4757	4760	4759	4756
G 25.0	4673	4675	4673	4673	4673	4673	4673	4675	4673	4673
G 30.0	4582	4584	4582	4581	4581	4581	4582	4584	4580	4579
G 35.0	4479	4487	4479	4477	4479	4479	4480	4482	4480	4479
G 40.0	4366	4369	4366	4368	4372	4370	4370	4372	4368	4366
G 45.0	4240	4245	4240	4239	4242	4242	4243	4245	4245	4245
G 50.0	4098	4104	4098	4099	4104	4102	4101	4104	4107	4106
G 55.0	3949	3949	3949	3949	3949	3952	3952	3949	3954	3957
G 60.0	3770	3773	3770	3771	3773	3770	3773	3781	3776	3775
G 65.0	3568	3572	3568	3569	3572	3572	3572	3572	3575	3576
G 70.0	3316	3321	3316	3318	3321	3318	3317	3321	3326	3327
G 75.0	2984	2995	2984	2984	2989	2989	2993	3002	3002	3005
G 80.0	2505	2525	2505	2497	2499	2504	2514	2525	2525	2529
G 85.0	1663	1672	1663	1656	1647	1632	1646	1672	1664	1662
G 90.0	548	678	548	568	654	600	609	678	595	566