

**Luminaire**

Code 90540L032

Name CONCEPT O 35 D/I D1494 BFLEX 840

**Measurem.**

Code 31/7/2023

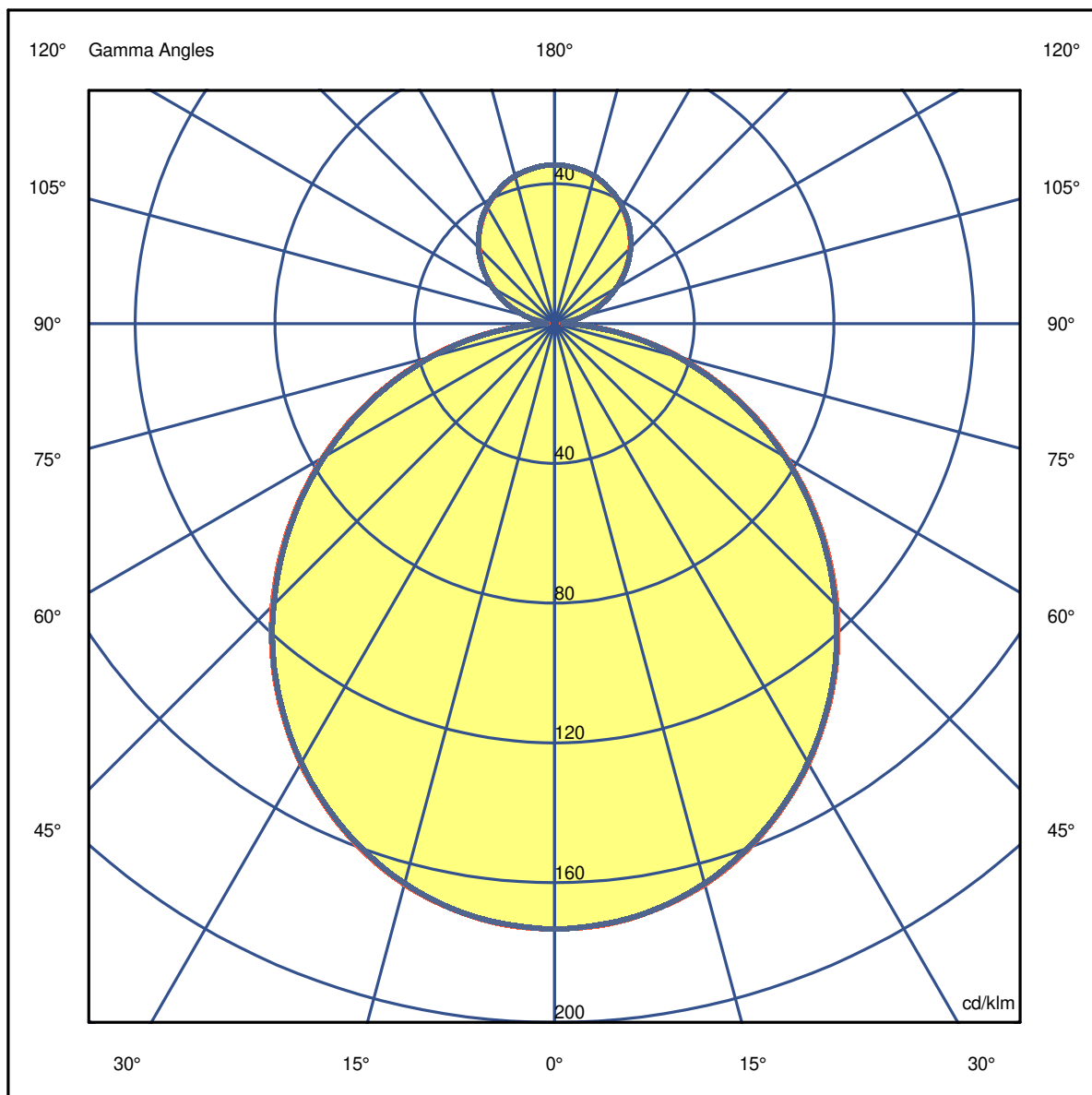
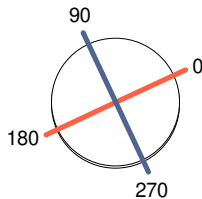
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Luminaire Flux	16611 lm	Luminaire Power	165.8 W	Efficacy	100.207 lm/W	Efficiency	63.40%
Source Flux	26200 lm	Maximum value	173.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1494mm

C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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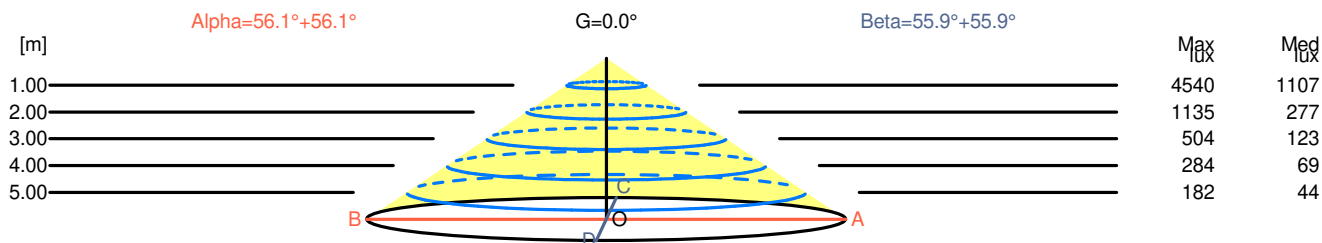
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Width at 50.00 % of Max Intensity

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	2.98	4.47	5.96	7.44	OC	1.48	2.96	4.43	5.91	7.39
OB	1.49	2.98	4.47	5.96	7.44	OD	1.48	2.96	4.43	5.91	7.39

	0	5	15	25	35	45	55	65	75	85
OA	4540.46	4519.50	4351.82	4021.70	3560.58	2992.04	2344.90	1663.70	966.78	285.58
OB	4540.46	4519.50	4351.82	4021.70	3560.58	2992.04	2344.90	1663.70	966.78	285.58
OC	4540.46	4514.26	4343.96	4013.84	3552.72	2978.94	2331.80	1645.36	951.06	277.72
OD	4540.46	4514.26	4343.96	4013.84	3552.72	2978.94	2331.80	1645.36	951.06	277.72



H[m]	D[m]	Max lux	Med lux	Alpha=56.1°+56.1°	G=0.0	
1.00	2.98	4540	1107			
2.00	5.96	1135	277			
3.00	8.93	504	123			
4.00	11.91	284	69			
5.00	14.89	182	44			

H[m]	D[m]	Max lux	Med lux	Beta=55.9°+55.9°	G=0.0	
1.00	2.96	4540	1107			
2.00	5.91	1135	277			
3.00	8.87	504	123			
4.00	11.82	284	69			
5.00	14.78	182	44			

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Source Flux	26200 lm	Maximum value	173.30 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	14.2	15.3	14.8	15.8	16.5	14.2	15.3	14.7	15.8	16.4
x=2H y=3H	15.8	16.7	16.4	17.3	18.0	15.7	16.7	16.3	17.3	18.0
x=2H y=4H	16.4	17.3	17.0	17.9	18.6	16.4	17.3	17.0	17.9	18.6
x=2H y=6H	16.9	17.7	17.6	18.4	19.1	16.8	17.7	17.5	18.3	19.0
x=2H y=8H	17.0	17.9	17.7	18.5	19.2	17.0	17.8	17.6	18.4	19.2
x=2H y=12H	17.1	17.9	17.8	18.5	19.3	17.1	17.8	17.7	18.5	19.2
x=4H y=2H	14.8	15.7	15.4	16.3	17.0	14.8	15.7	15.4	16.3	17.0
x=4H y=3H	16.5	17.3	17.2	18.0	18.7	16.5	17.3	17.2	17.9	18.7
x=4H y=4H	17.3	18.0	18.0	18.7	19.5	17.3	18.0	18.0	18.6	19.4
x=4H y=6H	17.9	18.5	18.7	19.2	20.0	17.9	18.5	18.6	19.2	20.0
x=4H y=8H	18.2	18.7	18.9	19.4	20.2	18.1	18.6	18.8	19.3	20.2
x=4H y=12H	18.3	18.8	19.0	19.5	20.3	18.2	18.7	18.9	19.4	20.3
x=8H y=4H	17.6	18.1	18.3	18.9	19.7	17.6	18.1	18.3	18.8	19.6
x=8H y=6H	18.4	18.8	19.1	19.5	20.4	18.3	18.7	19.1	19.5	20.3
x=8H y=8H	18.7	19.0	19.4	19.8	20.7	18.6	19.0	19.3	19.7	20.6
x=8H y=12H	18.8	19.2	19.6	19.9	20.8	18.8	19.1	19.6	19.9	20.8
x=12H y=4H	17.6	18.1	18.3	18.8	19.7	17.6	18.1	18.3	18.8	19.6
x=12H y=6H	18.4	18.8	19.2	19.6	20.4	18.4	18.8	19.1	19.5	20.4
x=12H y=8H	18.7	19.1	19.5	19.8	20.7	18.7	19.0	19.5	19.8	20.7

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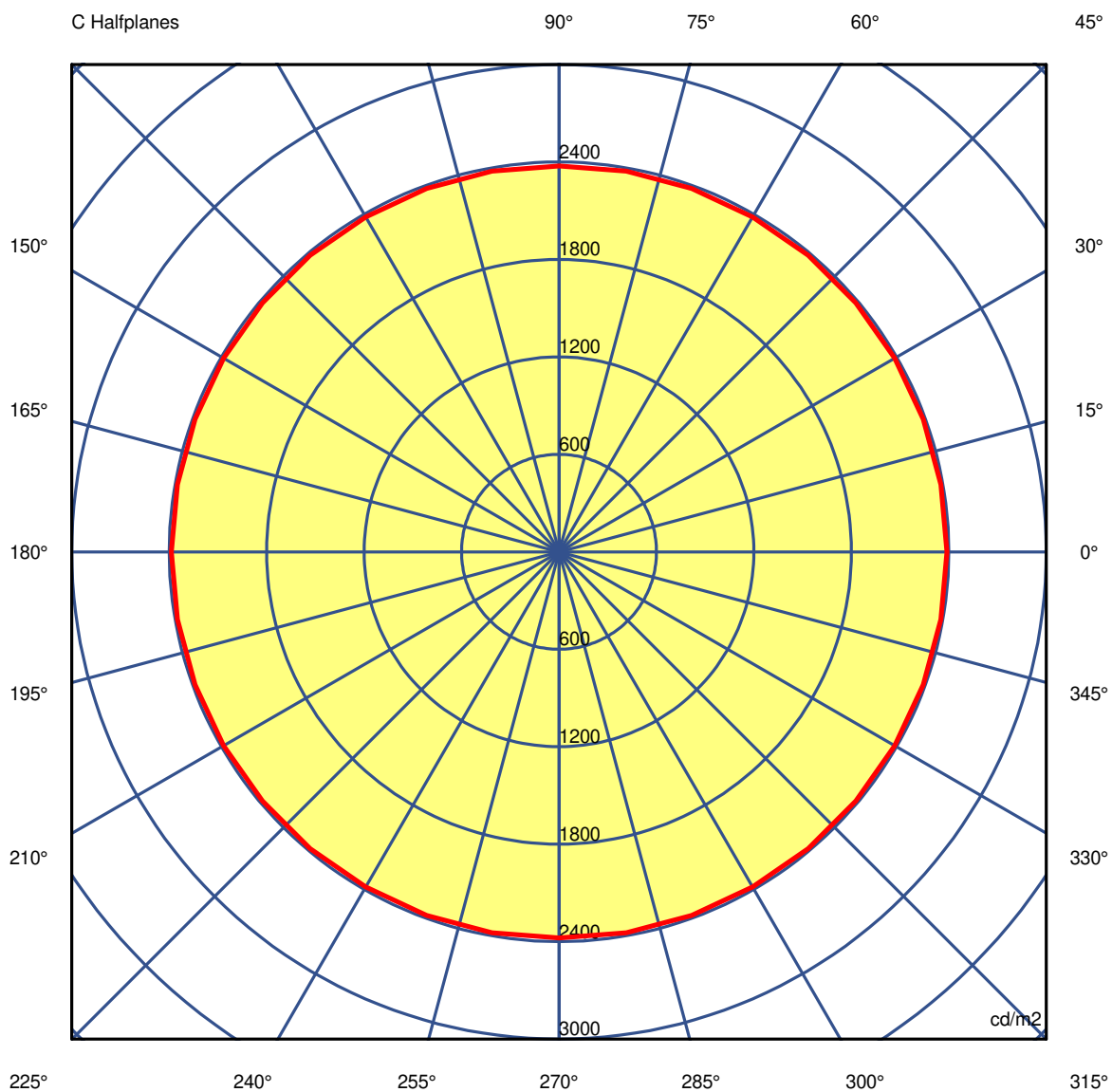
**Measurem.**

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Luminaire Flux	16611 lm	Luminaire Power	165.8 W	Efficacy	100.207 lm/W	Efficiency	63.40%
Source Flux	26200 lm	Maximum value	173.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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**Measur.**

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Luminaire Flux	16611 lm	Luminaire Power	165.8 W	Efficacy	100.207 lm/W	Efficiency	63.40%						
Source Flux	26200 lm	Maximum value	173.30 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	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686
G 5.0	2673	2672	2671	2671	2672	2673	2673	2675	2675	2670	2675	2675	2673
G 10.0	2653	2652	2650	2648	2652	2653	2651	2652	2653	2651	2653	2652	2651
G 15.0	2631	2629	2627	2626	2626	2626	2626	2630	2631	2626	2631	2630	2626
G 20.0	2602	2602	2601	2600	2600	2599	2598	2600	2599	2597	2599	2600	2598
G 25.0	2567	2566	2565	2565	2567	2566	2564	2565	2565	2562	2565	2565	2564
G 30.0	2530	2530	2529	2528	2529	2529	2526	2527	2527	2524	2527	2527	2526
G 35.0	2487	2489	2488	2485	2487	2486	2481	2481	2481	2481	2481	2481	2481
G 40.0	2442	2440	2440	2440	2440	2438	2434	2435	2436	2434	2436	2435	2434
G 45.0	2387	2387	2387	2385	2385	2384	2381	2381	2380	2377	2380	2381	2381
G 50.0	2327	2327	2327	2325	2325	2325	2325	2322	2318	2314	2318	2322	2325
G 55.0	2262	2264	2263	2259	2259	2258	2254	2252	2251	2249	2251	2252	2254
G 60.0	2190	2188	2187	2187	2186	2184	2182	2178	2175	2173	2175	2178	2182
G 65.0	2109	2103	2104	2106	2101	2099	2099	2093	2087	2086	2087	2093	2099
G 70.0	1999	1999	1999	1999	1997	1994	1991	1989	1985	1979	1985	1989	1991
G 75.0	1871	1871	1871	1871	1865	1857	1850	1847	1844	1840	1844	1847	1850
G 80.0	1665	1665	1664	1658	1653	1651	1651	1643	1632	1623	1632	1643	1651
G 85.0	1246	1234	1242	1258	1251	1246	1246	1232	1218	1212	1218	1232	1246
G 90.0	893	976	1066	1084	958	958	1052	948	889	989	889	948	1052

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Source Flux	26200 lm		Maximum value		173.30 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	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686	
G 5.0	2673	2672	2671	2671	2672	2673	2672	2671	2671	2672	2673	2673	2675	
G 10.0	2653	2652	2648	2650	2652	2653	2652	2650	2648	2652	2653	2651	2652	
G 15.0	2626	2626	2626	2627	2629	2631	2629	2627	2626	2626	2626	2626	2630	
G 20.0	2599	2600	2600	2601	2602	2602	2602	2601	2600	2600	2599	2598	2600	
G 25.0	2566	2567	2565	2565	2566	2567	2566	2565	2565	2567	2566	2564	2565	
G 30.0	2529	2529	2528	2529	2530	2530	2530	2529	2528	2529	2529	2526	2527	
G 35.0	2486	2487	2485	2488	2489	2487	2489	2488	2485	2487	2486	2481	2481	
G 40.0	2438	2440	2440	2440	2440	2442	2440	2440	2440	2438	2438	2434	2435	
G 45.0	2384	2385	2385	2387	2387	2387	2387	2387	2385	2385	2384	2381	2381	
G 50.0	2325	2325	2325	2327	2327	2327	2327	2327	2325	2325	2325	2325	2322	
G 55.0	2258	2259	2259	2263	2264	2262	2264	2263	2259	2259	2258	2254	2252	
G 60.0	2184	2186	2187	2187	2188	2190	2188	2187	2187	2186	2184	2182	2178	
G 65.0	2099	2101	2106	2104	2103	2109	2103	2104	2106	2101	2099	2099	2093	
G 70.0	1994	1997	1999	1999	1999	1999	1999	1999	1999	1997	1994	1991	1989	
G 75.0	1857	1865	1871	1871	1871	1871	1871	1871	1871	1865	1857	1850	1847	
G 80.0	1651	1653	1658	1664	1665	1665	1665	1664	1658	1653	1651	1651	1643	
G 85.0	1246	1251	1258	1242	1234	1246	1234	1242	1258	1251	1246	1246	1232	
G 90.0	958	958	1084	1066	976	893	976	1066	1084	958	958	1052	948	

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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	2686	2686	2686	2686	2686	2686	2686	2686	2686	2686
G 5.0	2675	2670	2675	2675	2673	2673	2672	2671	2671	2672
G 10.0	2653	2651	2653	2652	2651	2653	2652	2648	2650	2652
G 15.0	2631	2626	2631	2630	2626	2626	2626	2626	2627	2629
G 20.0	2599	2597	2599	2600	2598	2599	2600	2600	2601	2602
G 25.0	2565	2562	2565	2565	2564	2566	2567	2565	2565	2566
G 30.0	2527	2524	2527	2527	2526	2529	2529	2528	2529	2530
G 35.0	2481	2481	2481	2481	2481	2486	2487	2485	2488	2489
G 40.0	2436	2434	2436	2435	2434	2438	2440	2440	2440	2440
G 45.0	2380	2377	2380	2381	2381	2384	2385	2385	2387	2387
G 50.0	2318	2314	2318	2322	2325	2325	2325	2325	2327	2327
G 55.0	2251	2249	2251	2252	2254	2258	2259	2259	2263	2264
G 60.0	2175	2173	2175	2178	2182	2184	2186	2187	2187	2188
G 65.0	2087	2086	2087	2093	2099	2099	2101	2106	2104	2103
G 70.0	1985	1979	1985	1989	1991	1994	1997	1999	1999	1999
G 75.0	1844	1840	1844	1847	1850	1857	1865	1871	1871	1871
G 80.0	1632	1623	1632	1643	1651	1651	1653	1658	1664	1665
G 85.0	1218	1212	1218	1232	1246	1246	1251	1258	1242	1234
G 90.0	889	989	889	948	1052	958	958	1084	1066	976