

Luminaire

Code 90708L032
Name CONCEPT O 35 /E D1497 BFLEX 840

Measurement

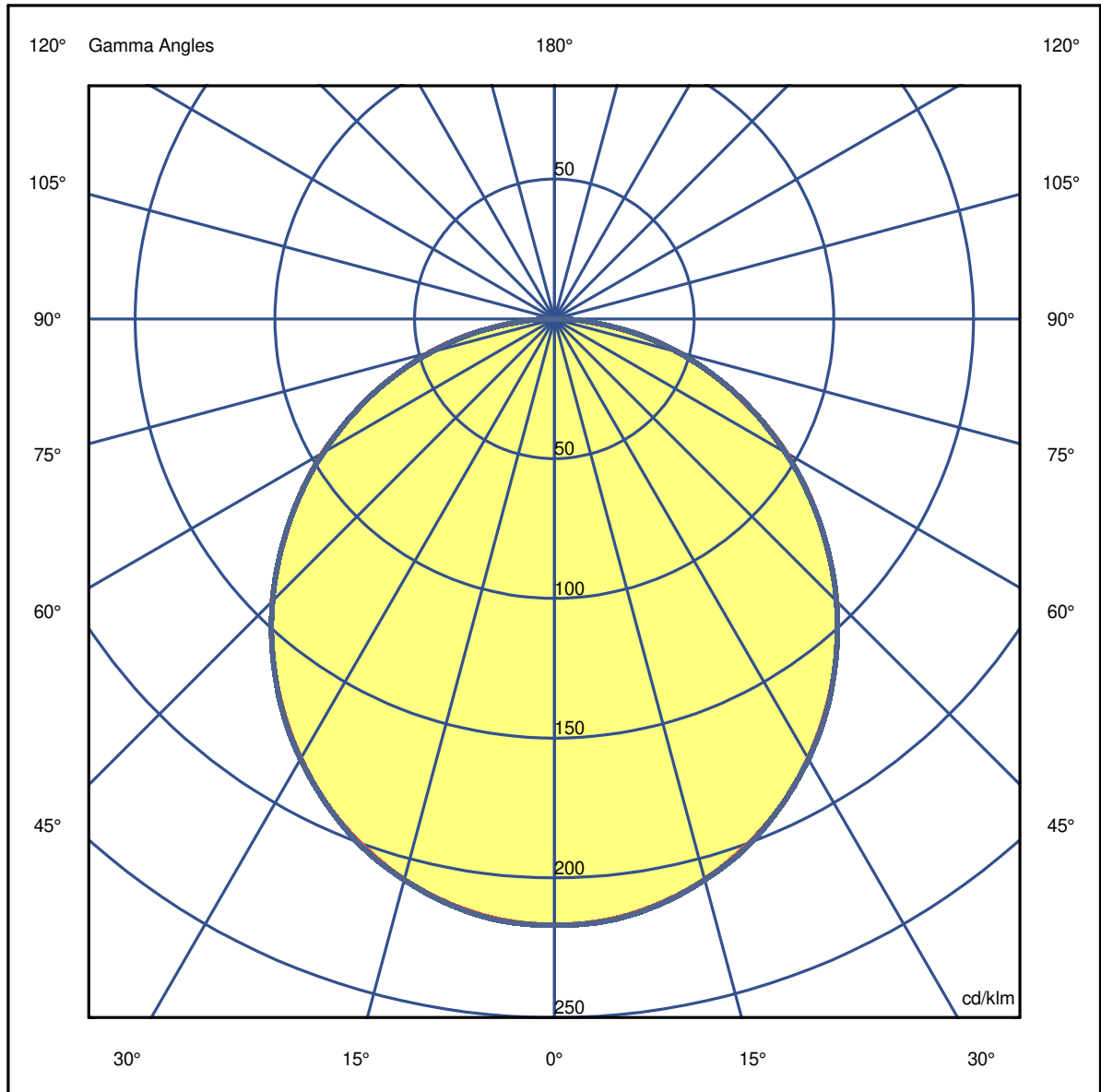
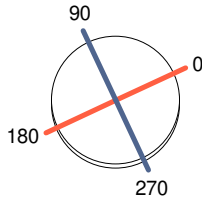
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Luminaire Flux	13120 lm	Luminaire Power	135.7 W	Efficacy	96.689 lm/W	Efficiency	62.59%
Source Flux	20960 lm	Maximum value	217.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1497mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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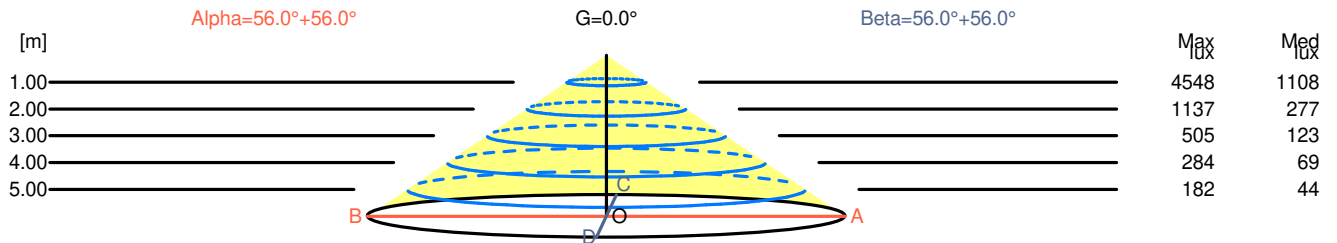
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Width at 50.00 % of Max Intensity

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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4548.32	4527.36	4353.39	4026.42	3563.20	2993.09	2343.33	1653.74	962.06	278.77
OB	4548.32	4527.36	4353.39	4026.42	3563.20	2993.09	2343.33	1653.74	962.06	278.77
OC	4548.32	4531.55	4355.49	4026.42	3567.39	2990.99	2341.23	1653.74	955.78	276.67
OD	4548.32	4531.55	4355.49	4026.42	3567.39	2990.99	2341.23	1653.74	955.78	276.67



H[m]	D[m]	Max lux	Med lux	Alpha=56.0°+56.0°	G=0.0
1.00	2.97	4548	1108		
2.00	5.94	1137	277		
3.00	8.91	505	123		
4.00	11.88	284	69		
5.00	14.85	182	44		

H[m]	D[m]	Max lux	Med lux	Beta=56.0°+56.0°	G=0.0
1.00	2.96	4548	1108		
2.00	5.93	1137	277		
3.00	8.89	505	123		
4.00	11.86	284	69		
5.00	14.82	182	44		

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Source Flux	20960 lm	Maximum value	217.00 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	15.4	16.8	15.7	17.0	17.2	15.4	16.8	15.7	17.0	17.2
x=2H y=3H	17.1	18.3	17.4	18.5	18.8	17.1	18.3	17.4	18.5	18.8
x=2H y=4H	17.7	18.9	18.1	19.2	19.5	17.7	18.9	18.1	19.2	19.5
x=2H y=6H	18.3	19.3	18.6	19.6	19.9	18.2	19.3	18.6	19.6	19.9
x=2H y=8H	18.4	19.5	18.8	19.8	20.1	18.4	19.4	18.8	19.7	20.1
x=2H y=12H	18.5	19.5	18.9	19.8	20.2	18.5	19.5	18.9	19.8	20.1
x=4H y=2H	16.1	17.3	16.5	17.6	17.9	16.1	17.3	16.5	17.6	17.9
x=4H y=3H	17.9	18.9	18.3	19.3	19.6	17.9	18.9	18.3	19.2	19.6
x=4H y=4H	18.8	19.7	19.2	20.0	20.4	18.8	19.6	19.1	20.0	20.4
x=4H y=6H	19.4	20.2	19.8	20.6	20.9	19.4	20.2	19.8	20.5	20.9
x=4H y=8H	19.6	20.3	20.1	20.7	21.1	19.6	20.3	20.0	20.7	21.1
x=4H y=12H	19.8	20.4	20.2	20.8	21.3	19.7	20.4	20.2	20.8	21.2
x=8H y=4H	19.1	19.8	19.5	20.2	20.6	19.1	19.8	19.5	20.2	20.6
x=8H y=6H	19.9	20.5	20.4	20.9	21.4	19.9	20.4	20.3	20.9	21.4
x=8H y=8H	20.2	20.7	20.7	21.2	21.6	20.2	20.7	20.6	21.1	21.6
x=8H y=12H	20.4	20.8	20.9	21.3	21.8	20.4	20.8	20.8	21.3	21.8
x=12H y=4H	19.1	19.8	19.6	20.2	20.6	19.1	19.7	19.6	20.2	20.6
x=12H y=6H	20.0	20.5	20.4	20.9	21.4	19.9	20.4	20.4	20.9	21.4
x=12H y=8H	20.3	20.7	20.8	21.2	21.7	20.3	20.7	20.7	21.2	21.7

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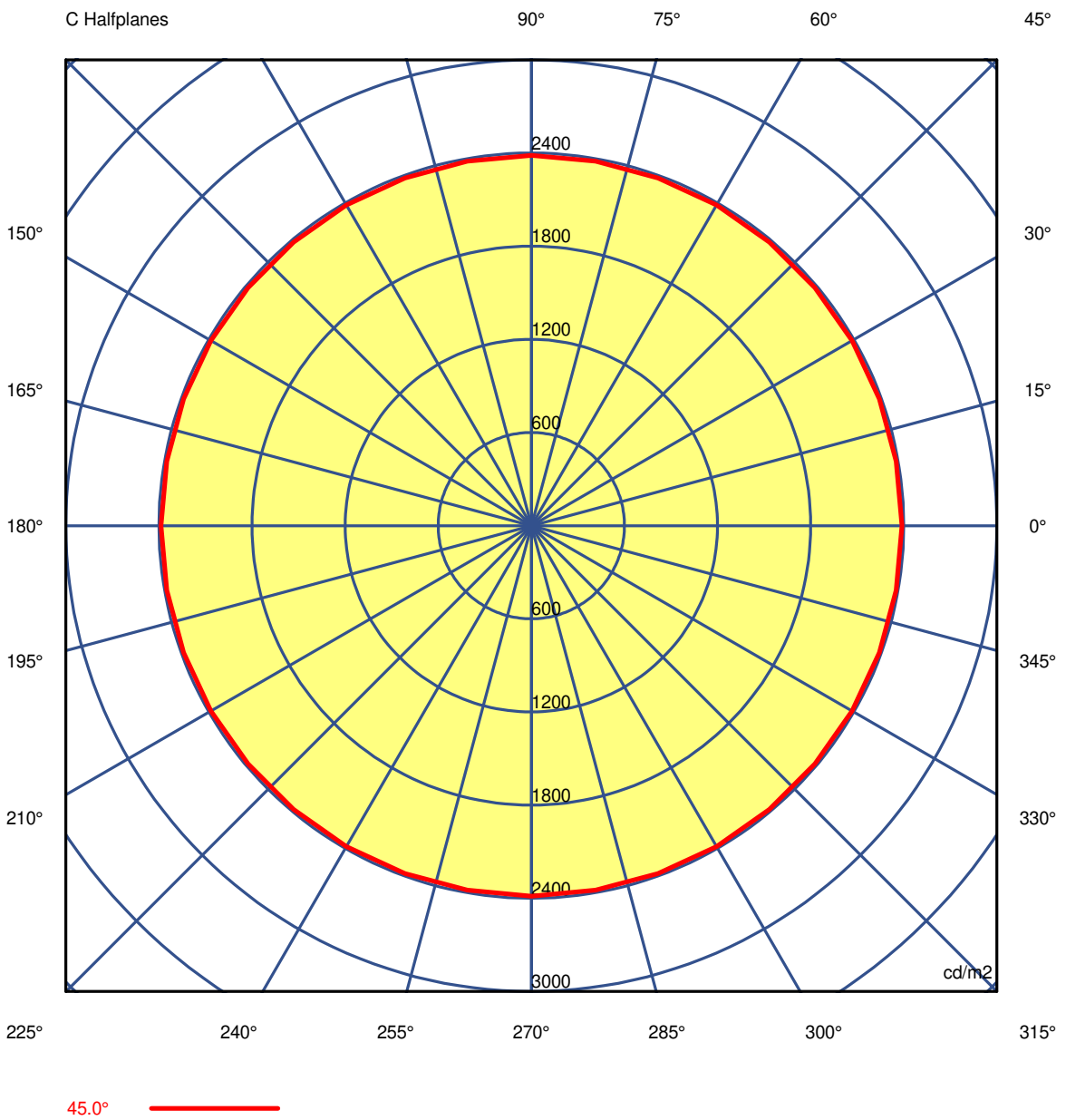
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Luminance



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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	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691
G 5.0	2677	2675	2676	2677	2676	2675	2677	2677	2678	2680	2678	2677	2677
G 10.0	2657	2657	2657	2658	2656	2656	2658	2657	2657	2659	2657	2657	2658
G 15.0	2632	2634	2635	2633	2631	2631	2633	2633	2633	2633	2633	2633	2633
G 20.0	2602	2603	2604	2605	2603	2602	2602	2603	2605	2608	2605	2603	2602
G 25.0	2570	2569	2569	2570	2569	2569	2569	2569	2569	2570	2569	2569	2569
G 30.0	2529	2529	2530	2532	2531	2531	2531	2531	2531	2532	2531	2531	2531
G 35.0	2489	2487	2488	2489	2488	2487	2487	2486	2487	2492	2487	2486	2487
G 40.0	2440	2439	2440	2442	2441	2441	2442	2440	2439	2440	2439	2440	2442
G 45.0	2388	2387	2387	2387	2385	2385	2385	2383	2384	2387	2384	2383	2385
G 50.0	2323	2326	2327	2325	2323	2324	2325	2322	2322	2325	2322	2322	2325
G 55.0	2260	2262	2261	2258	2259	2260	2258	2258	2258	2258	2258	2258	2258
G 60.0	2189	2183	2184	2187	2182	2180	2182	2181	2180	2182	2180	2181	2182
G 65.0	2097	2099	2099	2097	2097	2097	2097	2095	2094	2097	2094	2095	2097
G 70.0	1993	1993	1992	1990	1987	1987	1990	1987	1987	1990	1987	1987	1990
G 75.0	1862	1855	1853	1853	1848	1845	1845	1842	1843	1849	1843	1842	1845
G 80.0	1651	1643	1640	1640	1633	1626	1623	1622	1627	1640	1627	1622	1623
G 85.0	1217	1200	1202	1207	1188	1179	1189	1196	1201	1207	1201	1196	1189
G 90.0	714	596	627	714	642	632	689	598	577	714	577	598	689

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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	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691
G 5.0	2675	2676	2677	2676	2675	2677	2675	2676	2677	2676	2675	2677	2677
G 10.0	2656	2656	2658	2657	2657	2657	2657	2657	2658	2656	2656	2658	2657
G 15.0	2631	2631	2633	2635	2634	2632	2634	2635	2633	2631	2631	2633	2633
G 20.0	2602	2603	2605	2604	2603	2602	2603	2604	2605	2603	2602	2602	2603
G 25.0	2569	2569	2570	2569	2569	2570	2569	2569	2570	2569	2569	2569	2569
G 30.0	2531	2531	2532	2530	2529	2529	2529	2530	2532	2531	2531	2531	2531
G 35.0	2487	2488	2489	2488	2487	2489	2487	2488	2489	2488	2487	2487	2486
G 40.0	2441	2441	2442	2440	2439	2440	2439	2440	2442	2441	2441	2442	2440
G 45.0	2385	2385	2387	2387	2387	2388	2387	2387	2387	2385	2385	2385	2383
G 50.0	2324	2323	2325	2327	2326	2323	2326	2327	2325	2323	2324	2325	2322
G 55.0	2260	2259	2258	2261	2262	2260	2262	2261	2258	2259	2260	2258	2258
G 60.0	2180	2182	2187	2184	2183	2189	2183	2184	2187	2182	2180	2182	2181
G 65.0	2097	2097	2097	2099	2099	2097	2099	2099	2097	2097	2097	2097	2095
G 70.0	1987	1987	1990	1992	1993	1993	1993	1992	1990	1987	1987	1990	1987
G 75.0	1845	1848	1853	1853	1855	1862	1855	1853	1853	1848	1845	1845	1842
G 80.0	1626	1633	1640	1640	1643	1651	1643	1640	1640	1633	1626	1623	1622
G 85.0	1179	1188	1207	1202	1200	1217	1200	1202	1207	1188	1179	1189	1196
G 90.0	632	642	714	627	596	714	596	627	714	642	632	689	598

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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	2691	2691	2691	2691	2691	2691	2691	2691	2691	2691
G 5.0	2678	2680	2678	2677	2677	2675	2676	2677	2676	2675
G 10.0	2657	2659	2657	2657	2658	2656	2656	2658	2657	2657
G 15.0	2633	2633	2633	2633	2633	2631	2631	2633	2635	2634
G 20.0	2605	2608	2605	2603	2602	2602	2603	2605	2604	2603
G 25.0	2569	2570	2569	2569	2569	2569	2569	2570	2569	2569
G 30.0	2531	2532	2531	2531	2531	2531	2531	2532	2530	2529
G 35.0	2487	2492	2487	2486	2487	2487	2488	2489	2488	2487
G 40.0	2439	2440	2439	2440	2442	2441	2441	2442	2440	2439
G 45.0	2384	2387	2384	2383	2385	2385	2385	2387	2387	2387
G 50.0	2322	2325	2322	2322	2325	2324	2323	2325	2327	2326
G 55.0	2258	2258	2258	2258	2258	2260	2259	2258	2261	2262
G 60.0	2180	2182	2180	2181	2182	2180	2182	2187	2184	2183
G 65.0	2094	2097	2094	2095	2097	2097	2097	2097	2099	2099
G 70.0	1987	1990	1987	1987	1990	1987	1987	1990	1992	1993
G 75.0	1843	1849	1843	1842	1845	1845	1848	1853	1853	1855
G 80.0	1627	1640	1627	1622	1623	1626	1633	1640	1640	1643
G 85.0	1201	1207	1201	1196	1189	1179	1188	1207	1202	1200
G 90.0	577	714	577	598	689	632	642	714	627	596