

Luminaire

Code 90540L024
Name CONCEPT O 35 D/I D1136 BFLEX 840

Measurem.

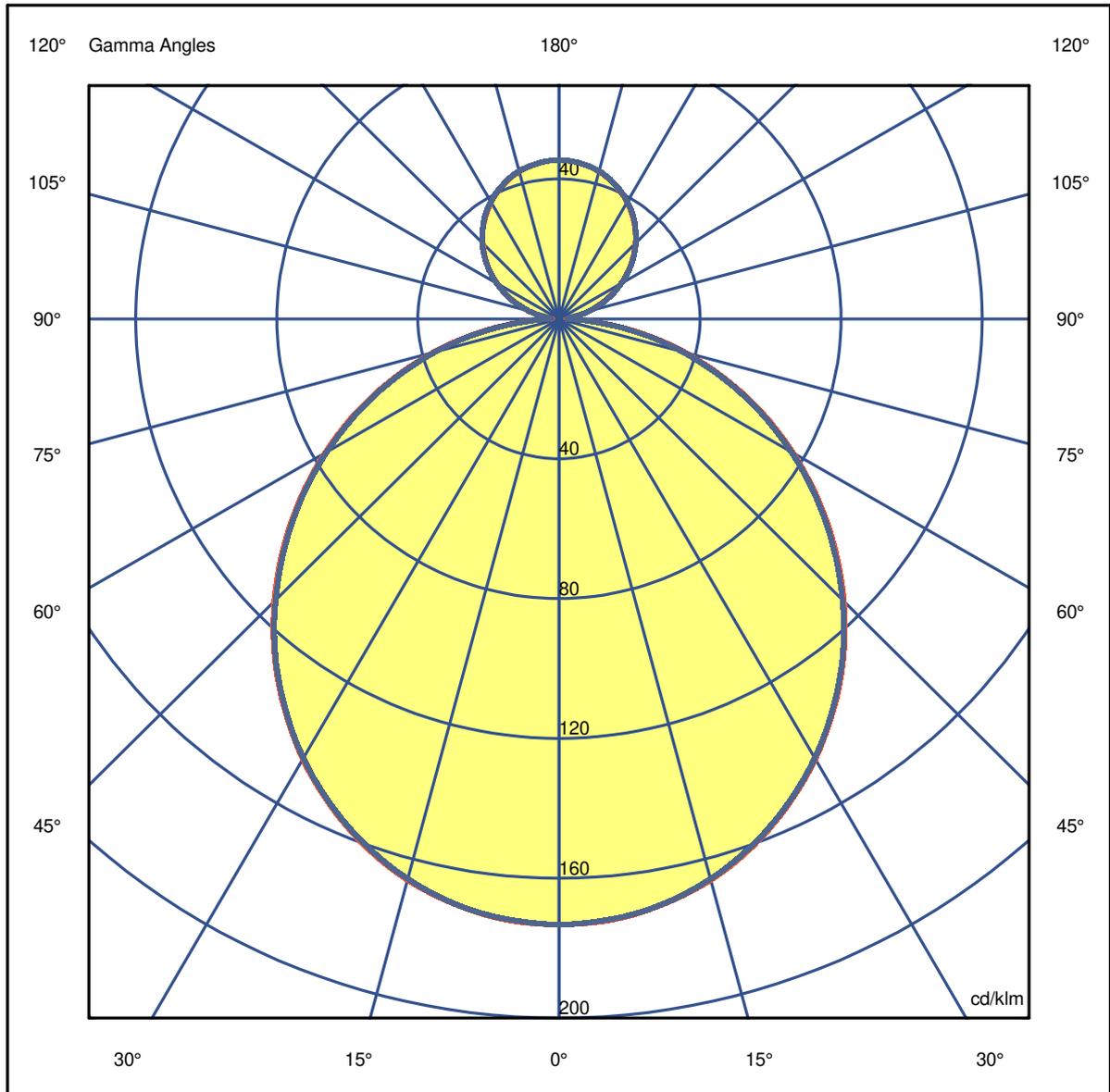
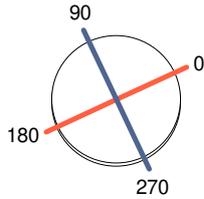
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Luminaire Flux	12459 lm	Luminaire Power	128.0 W	Efficacy	97.309 lm/W	Efficiency	63.40%
Source Flux	19650 lm	Maximum value	173.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1136mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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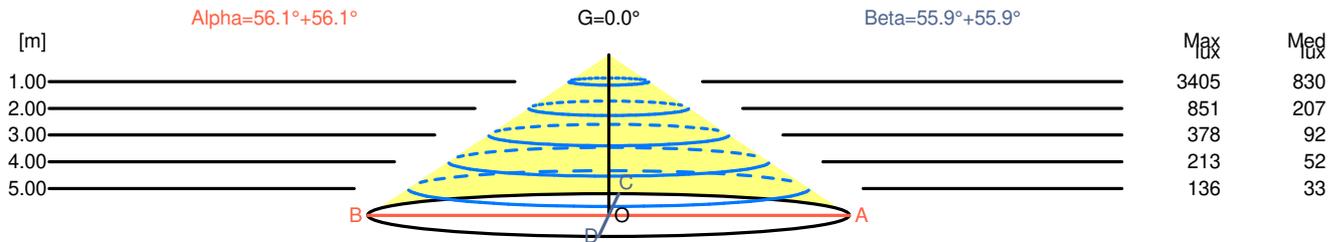
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Width at 50.00 % of Max Intensity

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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3405.34	3389.62	3263.86	3016.27	2670.43	2244.03	1758.67	1247.77	725.08	214.19
OB	3405.34	3389.62	3263.86	3016.27	2670.43	2244.03	1758.67	1247.77	725.08	214.19
OC	3405.34	3385.70	3257.97	3010.38	2664.54	2234.20	1748.85	1234.02	713.29	208.29
OD	3405.34	3385.70	3257.97	3010.38	2664.54	2234.20	1748.85	1234.02	713.29	208.29



H[m]	D[m]	Max lux	Med lux	Alpha=56.1°+56.1°	G=0.0
1.00	2.98	3405	830		
2.00	5.96	851	207		
3.00	8.93	378	92		
4.00	11.91	213	52		
5.00	14.89	136	33		

H[m]	D[m]	Max lux	Med lux	Beta=55.9°+55.9°	G=0.0
1.00	2.96	3405	830		
2.00	5.91	851	207		
3.00	8.87	378	92		
4.00	11.82	213	52		
5.00	14.78	136	33		

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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	15.1	16.1	15.6	16.7	17.3	15.0	16.1	15.6	16.7	17.3
x=2H y=3H	16.6	17.6	17.2	18.2	18.9	16.6	17.6	17.2	18.1	18.8
x=2H y=4H	17.2	18.1	17.9	18.8	19.5	17.2	18.1	17.8	18.7	19.4
x=2H y=6H	17.7	18.6	18.4	19.2	19.9	17.7	18.5	18.3	19.1	19.9
x=2H y=8H	17.9	18.7	18.5	19.3	20.0	17.8	18.6	18.4	19.2	20.0
x=2H y=12H	17.9	18.7	18.6	19.3	20.1	17.9	18.6	18.5	19.3	20.0
x=4H y=2H	15.7	16.6	16.3	17.2	17.9	15.6	16.5	16.3	17.2	17.9
x=4H y=3H	17.4	18.2	18.0	18.8	19.6	17.4	18.1	18.0	18.8	19.5
x=4H y=4H	18.2	18.8	18.8	19.5	20.3	18.1	18.8	18.8	19.5	20.3
x=4H y=6H	18.8	19.3	19.5	20.0	20.8	18.7	19.3	19.4	20.0	20.8
x=4H y=8H	19.0	19.5	19.7	20.2	21.0	18.9	19.4	19.6	20.1	21.0
x=4H y=12H	19.1	19.6	19.8	20.3	21.1	19.0	19.5	19.7	20.2	21.0
x=8H y=4H	18.4	19.0	19.1	19.7	20.5	18.4	18.9	19.1	19.6	20.5
x=8H y=6H	19.2	19.6	19.9	20.3	21.2	19.1	19.6	19.9	20.3	21.1
x=8H y=8H	19.4	19.8	20.2	20.6	21.5	19.4	19.8	20.1	20.5	21.4
x=8H y=12H	19.6	20.0	20.4	20.7	21.6	19.6	19.9	20.3	20.7	21.6
x=12H y=4H	18.4	18.9	19.2	19.6	20.5	18.4	18.9	19.1	19.6	20.4
x=12H y=6H	19.2	19.6	20.0	20.4	21.2	19.2	19.6	19.9	20.3	21.2
x=12H y=8H	19.5	19.9	20.3	20.6	21.5	19.5	19.8	20.2	20.6	21.5

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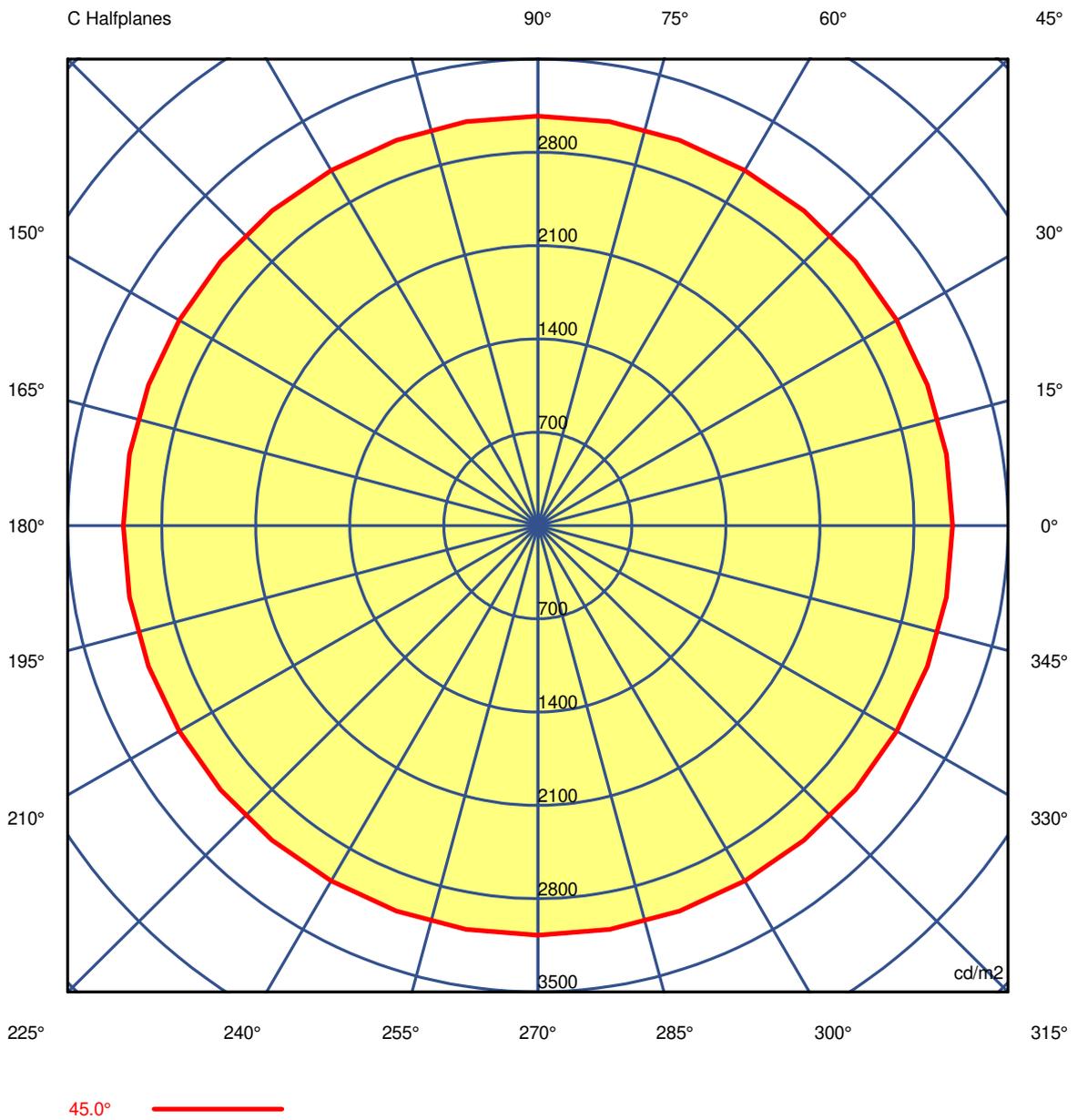
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Luminance



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Source Flux	19650 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	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525
G 5.0	3503	3501	3500	3501	3502	3503	3503	3506	3506	3499	3506	3506	3503
G 10.0	3472	3471	3468	3466	3470	3472	3470	3471	3472	3470	3472	3471	3470
G 15.0	3439	3436	3434	3433	3433	3433	3433	3437	3438	3433	3438	3437	3433
G 20.0	3395	3395	3394	3393	3393	3392	3391	3392	3392	3389	3392	3392	3391
G 25.0	3345	3344	3343	3343	3345	3344	3341	3342	3342	3339	3342	3342	3341
G 30.0	3291	3291	3290	3289	3291	3290	3286	3288	3288	3284	3288	3288	3286
G 35.0	3230	3232	3230	3227	3229	3228	3222	3222	3222	3222	3222	3222	3222
G 40.0	3165	3163	3162	3162	3162	3160	3155	3156	3157	3155	3157	3156	3155
G 45.0	3087	3087	3086	3084	3084	3083	3079	3079	3078	3073	3078	3079	3079
G 50.0	3001	3001	3000	2998	2998	2998	2998	2995	2990	2984	2990	2995	2998
G 55.0	2907	2911	2909	2904	2904	2902	2898	2895	2893	2891	2893	2895	2898
G 60.0	2804	2801	2801	2801	2798	2796	2793	2788	2784	2782	2784	2788	2793
G 65.0	2686	2679	2679	2682	2676	2674	2674	2665	2658	2657	2658	2665	2674
G 70.0	2527	2527	2527	2527	2524	2521	2517	2514	2509	2502	2509	2514	2517
G 75.0	2339	2339	2339	2339	2331	2321	2314	2309	2305	2301	2305	2309	2314
G 80.0	2043	2043	2041	2035	2028	2026	2026	2016	2003	1992	2003	2016	2026
G 85.0	1466	1452	1462	1480	1472	1466	1466	1449	1433	1426	1433	1449	1466
G 90.0	886	968	1057	1076	950	951	1044	941	882	981	882	941	1044

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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	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525
G 5.0	3503	3502	3501	3500	3501	3503	3501	3500	3501	3502	3503	3503	3506
G 10.0	3472	3470	3466	3468	3471	3472	3471	3468	3466	3470	3472	3470	3471
G 15.0	3433	3433	3433	3434	3436	3439	3436	3434	3433	3433	3433	3433	3437
G 20.0	3392	3393	3393	3394	3395	3395	3395	3394	3393	3393	3392	3391	3392
G 25.0	3344	3345	3343	3343	3344	3345	3344	3343	3343	3345	3344	3341	3342
G 30.0	3290	3291	3289	3290	3291	3291	3291	3290	3289	3291	3290	3286	3288
G 35.0	3228	3229	3227	3230	3232	3230	3232	3230	3227	3229	3228	3222	3222
G 40.0	3160	3162	3162	3162	3163	3165	3163	3162	3162	3162	3160	3155	3156
G 45.0	3083	3084	3084	3086	3087	3087	3087	3086	3084	3084	3083	3079	3079
G 50.0	2998	2998	2998	3000	3001	3001	3001	3000	2998	2998	2998	2998	2995
G 55.0	2902	2904	2904	2909	2911	2907	2911	2909	2904	2904	2902	2898	2895
G 60.0	2796	2798	2801	2801	2801	2804	2801	2801	2801	2798	2796	2793	2788
G 65.0	2674	2676	2682	2679	2679	2686	2679	2679	2682	2676	2674	2674	2665
G 70.0	2521	2524	2527	2527	2527	2527	2527	2527	2527	2524	2521	2517	2514
G 75.0	2321	2331	2339	2339	2339	2339	2339	2339	2339	2331	2321	2314	2309
G 80.0	2026	2028	2035	2041	2043	2043	2043	2041	2035	2028	2026	2026	2016
G 85.0	1466	1472	1480	1462	1452	1466	1452	1462	1480	1472	1466	1466	1449
G 90.0	951	950	1076	1057	968	886	968	1057	1076	950	951	1044	941

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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	3525	3525	3525	3525	3525	3525	3525	3525	3525	3525
G 5.0	3506	3499	3506	3506	3503	3503	3502	3501	3500	3501
G 10.0	3472	3470	3472	3471	3470	3472	3470	3466	3468	3471
G 15.0	3438	3433	3438	3437	3433	3433	3433	3433	3434	3436
G 20.0	3392	3389	3392	3392	3391	3392	3393	3393	3394	3395
G 25.0	3342	3339	3342	3342	3341	3344	3345	3343	3343	3344
G 30.0	3288	3284	3288	3288	3286	3290	3291	3289	3290	3291
G 35.0	3222	3222	3222	3222	3222	3228	3229	3227	3230	3232
G 40.0	3157	3155	3157	3156	3155	3160	3162	3162	3162	3163
G 45.0	3078	3073	3078	3079	3079	3083	3084	3084	3086	3087
G 50.0	2990	2984	2990	2995	2998	2998	2998	2998	3000	3001
G 55.0	2893	2891	2893	2895	2898	2902	2904	2904	2909	2911
G 60.0	2784	2782	2784	2788	2793	2796	2798	2801	2801	2801
G 65.0	2658	2657	2658	2665	2674	2674	2676	2682	2679	2679
G 70.0	2509	2502	2509	2514	2517	2521	2524	2527	2527	2527
G 75.0	2305	2301	2305	2309	2314	2321	2331	2339	2339	2339
G 80.0	2003	1992	2003	2016	2026	2026	2028	2035	2041	2043
G 85.0	1433	1426	1433	1449	1466	1466	1472	1480	1462	1452
G 90.0	882	981	882	941	1044	951	950	1076	1057	968