

Luminaire

Code 90625L900

Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Measurement

Code 31/7/2023

Name CONCEPT O 65 D0900 GCONTROL+ K3 830

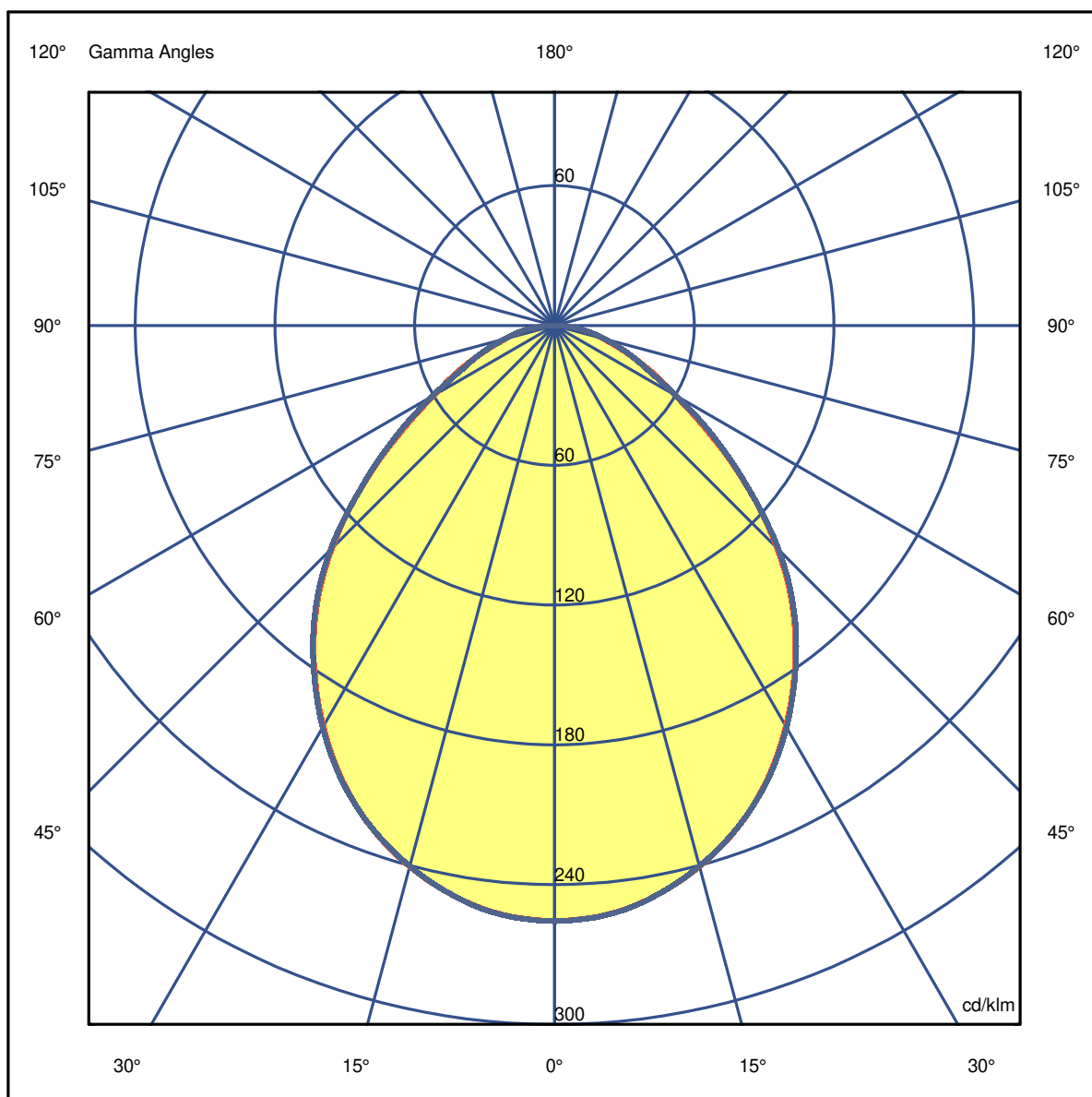
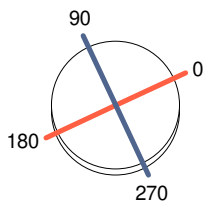
Luminaire Flux	5163 lm	Luminaire Power	53.6 W	Efficacy	96.233 lm/W	Efficiency	55.16%
Source Flux	9360 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



Luminaire

Code 90625L900
Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Measurem.

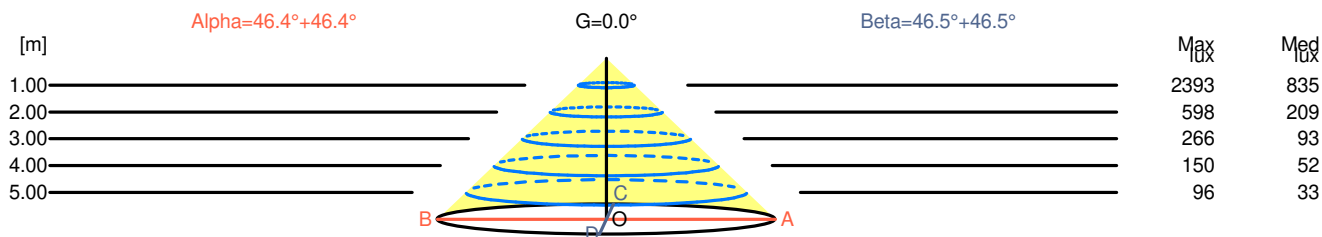
Code 31/7/2023
Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Luminaire Flux	5163 lm	Luminaire Power	53.6 W	Efficacy	96.233 lm/W	Efficiency	55.16%
Source Flux	9360 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.05	2.10	3.15	4.20	5.25	OC	1.05	2.11	3.16	4.22	5.27
OB	1.05	2.10	3.15	4.20	5.25	OD	1.05	2.11	3.16	4.22	5.27

	0	5	15	25	35	45	55	65	75	85
OA	2393.35	2376.50	2250.14	2017.08	1682.93	1264.54	766.58	418.39	202.18	61.78
OB	2393.35	2376.50	2250.14	2017.08	1682.93	1264.54	766.58	418.39	202.18	61.78
OC	2393.35	2377.44	2248.27	2019.89	1687.61	1273.90	781.56	403.42	206.86	62.71
OD	2393.35	2377.44	2248.27	2019.89	1687.61	1273.90	781.56	403.42	206.86	62.71



H[m]	D[m]	Max lux	Med lux	Alpha=46.4°+46.4°	G=0.0	
1.00	2.10	2393	835			
2.00	4.20	598	209			
3.00	6.30	266	93			
4.00	8.40	150	52			
5.00	10.50	96	33			

H[m]	D[m]	Max lux	Med lux	Beta=46.5°+46.5°	G=0.0	
1.00	2.11	2393	835			
2.00	4.22	598	209			
3.00	6.33	266	93			
4.00	8.44	150	52			
5.00	10.54	96	33			

Luminaire

Code 90625L900
Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Measurem.

Code 31/7/2023
Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Luminaire Flux	5163 lm	Luminaire Power	53.6 W	Efficacy	96.233 lm/W	Efficiency	55.16%
Source Flux	9360 lm	Maximum value	255.70 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	14.3	15.4	14.5	15.6	15.9	14.3	15.5	14.6	15.7	15.9
x=2H y=3H	15.1	16.2	15.4	16.4	16.7	15.1	16.2	15.4	16.4	16.7
x=2H y=4H	15.4	16.4	15.8	16.7	17.0	15.4	16.4	15.8	16.7	17.0
x=2H y=6H	15.7	16.6	16.0	16.9	17.2	15.7	16.6	16.0	16.9	17.2
x=2H y=8H	15.7	16.6	16.1	16.9	17.2	15.7	16.6	16.1	16.9	17.3
x=2H y=12H	15.7	16.6	16.1	16.9	17.2	15.8	16.6	16.1	16.9	17.3
x=4H y=2H	14.5	15.5	14.8	15.8	16.0	14.5	15.5	14.9	15.8	16.1
x=4H y=3H	15.5	16.3	15.9	16.7	17.0	15.5	16.4	15.9	16.7	17.0
x=4H y=4H	16.0	16.7	16.4	17.1	17.4	16.0	16.7	16.4	17.1	17.4
x=4H y=6H	16.3	17.0	16.7	17.3	17.7	16.3	17.0	16.8	17.4	17.7
x=4H y=8H	16.4	17.0	16.9	17.4	17.8	16.5	17.1	16.9	17.5	17.9
x=4H y=12H	16.5	17.1	17.0	17.5	17.9	16.6	17.1	17.0	17.5	17.9
x=8H y=4H	16.1	16.7	16.5	17.1	17.5	16.1	16.7	16.6	17.1	17.5
x=8H y=6H	16.6	17.1	17.0	17.5	17.9	16.6	17.1	17.1	17.5	18.0
x=8H y=8H	16.8	17.2	17.2	17.6	18.1	16.8	17.2	17.3	17.7	18.1
x=8H y=12H	16.9	17.3	17.4	17.7	18.2	16.9	17.3	17.4	17.8	18.3
x=12H y=4H	16.1	16.7	16.6	17.1	17.5	16.1	16.7	16.6	17.1	17.5
x=12H y=6H	16.6	17.0	17.1	17.5	18.0	16.6	17.1	17.1	17.5	18.0
x=12H y=8H	16.8	17.2	17.3	17.7	18.2	16.9	17.2	17.4	17.7	18.2

Luminaire

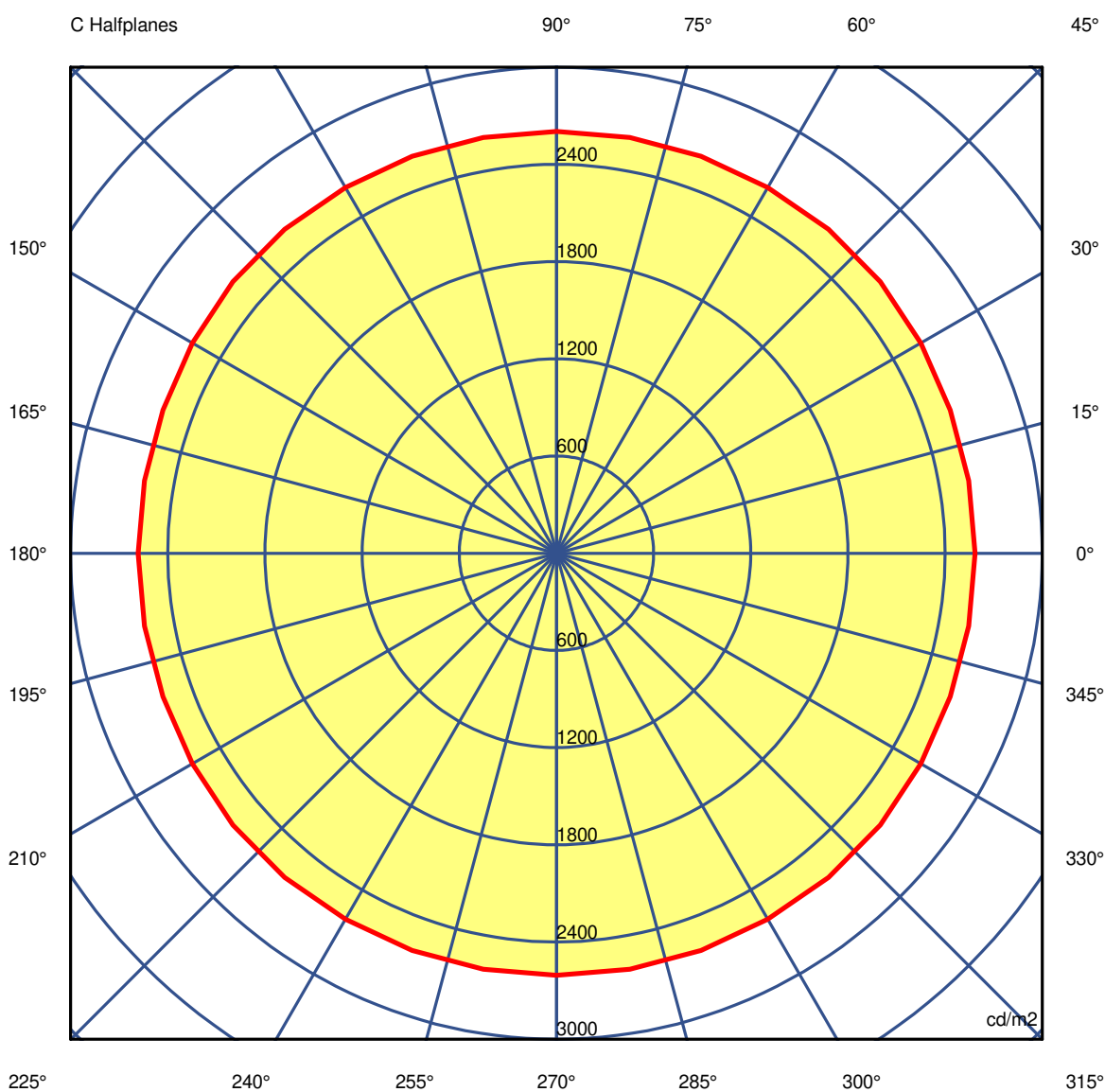
Code 90625L900
Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Measurem.

Code 31/7/2023
Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Luminaire Flux	5163 lm	Luminaire Power	53.6 W	Efficacy	96.233 lm/W	Efficiency	55.16%
Source Flux	9360 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90625L900

Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Measurem.

Code 31/7/2023

Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Luminaire Flux	5163 lm	Luminaire Power		53.6 W		Efficacy		96.233 lm/W		Efficiency		55.16%	
Source Flux	9360 lm	Maximum value		255.70 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	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882
G 5.0	3828	3828	3828	3827	3827	3826	3825	3826	3828	3830	3828	3826	3825
G 10.0	3752	3751	3749	3747	3748	3749	3749	3749	3749	3752	3749	3749	3749
G 15.0	3659	3657	3654	3651	3647	3647	3650	3650	3651	3656	3651	3650	3650
G 20.0	3550	3547	3543	3536	3531	3530	3533	3539	3545	3548	3545	3539	3533
G 25.0	3415	3413	3407	3401	3401	3401	3403	3406	3412	3420	3412	3406	3403
G 30.0	3252	3250	3248	3251	3259	3262	3257	3252	3254	3262	3254	3252	3257
G 35.0	3070	3071	3075	3085	3097	3101	3094	3082	3078	3078	3078	3082	3094
G 40.0	2862	2866	2874	2885	2895	2899	2894	2883	2877	2876	2877	2883	2894
G 45.0	2585	2585	2587	2596	2608	2612	2608	2608	2607	2604	2607	2608	2608
G 50.0	2239	2254	2236	2157	2033	2036	2165	2247	2262	2239	2262	2247	2165
G 55.0	1846	1941	1895	1695	1476	1449	1641	1871	1955	1882	1955	1871	1641
G 60.0	1501	1588	1486	1281	1232	1232	1288	1511	1617	1514	1617	1511	1288
G 65.0	1272	1313	1190	1028	1094	1113	1070	1218	1306	1227	1306	1218	1070
G 70.0	1047	1107	1056	957	979	988	980	1047	1092	1073	1092	1047	980
G 75.0	870	901	890	854	857	860	866	889	901	890	901	889	866
G 80.0	749	740	740	749	762	763	754	753	756	759	756	753	754
G 85.0	480	490	520	538	499	497	538	530	504	487	504	530	538
G 90.0	249	175	171	199	162	159	199	186	172	186	172	186	199

Luminaire

Code 90625L900

Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Measurem.

Code 31/7/2023

Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Luminaire Flux	5163 lm	Luminaire Power		53.6 W		Efficacy		96.233 lm/W		Efficiency		55.16%	
Source Flux	9360 lm	Maximum value		255.70 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	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882
G 5.0	3826	3827	3827	3828	3828	3828	3828	3828	3827	3827	3826	3825	3826
G 10.0	3749	3748	3747	3749	3751	3752	3751	3749	3747	3748	3749	3749	3749
G 15.0	3647	3647	3651	3654	3657	3659	3657	3654	3651	3647	3647	3650	3650
G 20.0	3530	3531	3536	3543	3547	3550	3547	3543	3536	3531	3530	3533	3539
G 25.0	3401	3401	3401	3407	3413	3415	3413	3407	3401	3401	3401	3403	3406
G 30.0	3262	3259	3251	3248	3250	3252	3250	3248	3251	3259	3262	3257	3252
G 35.0	3101	3097	3085	3075	3071	3070	3071	3075	3085	3097	3101	3094	3082
G 40.0	2899	2895	2885	2874	2866	2862	2866	2874	2885	2895	2899	2894	2883
G 45.0	2612	2608	2596	2587	2585	2585	2585	2587	2596	2608	2612	2608	2608
G 50.0	2036	2033	2157	2236	2254	2239	2254	2236	2157	2033	2036	2165	2247
G 55.0	1449	1476	1695	1895	1941	1846	1941	1895	1695	1476	1449	1641	1871
G 60.0	1232	1232	1281	1486	1588	1501	1588	1486	1281	1232	1232	1288	1511
G 65.0	1113	1094	1028	1190	1313	1272	1313	1190	1028	1094	1113	1070	1218
G 70.0	988	979	957	1056	1107	1047	1107	1056	957	979	988	980	1047
G 75.0	860	857	854	890	901	870	901	890	854	857	860	866	889
G 80.0	763	762	749	740	740	749	740	740	749	762	763	754	753
G 85.0	497	499	538	520	490	480	490	520	538	499	497	538	530
G 90.0	159	162	199	171	175	249	175	171	199	162	159	199	186

Luminaire

Code 90625L900

Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Measurem.

Code 31/7/2023

Name CONCEPT O 65 D0900 GCONTROL+ K3 830

Luminaire Flux	5163 lm	Luminaire Power	53.6 W	Efficacy	96.233 lm/W	Efficiency	55.16%
Source Flux	9360 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	3882	3882	3882	3882	3882	3882	3882	3882	3882	3882
G 5.0	3828	3830	3828	3826	3825	3826	3827	3827	3828	3828
G 10.0	3749	3752	3749	3749	3749	3749	3748	3747	3749	3751
G 15.0	3651	3656	3651	3650	3650	3647	3647	3651	3654	3657
G 20.0	3545	3548	3545	3539	3533	3530	3531	3536	3543	3547
G 25.0	3412	3420	3412	3406	3403	3401	3401	3401	3407	3413
G 30.0	3254	3262	3254	3252	3257	3262	3259	3251	3248	3250
G 35.0	3078	3078	3078	3082	3094	3101	3097	3085	3075	3071
G 40.0	2877	2876	2877	2883	2894	2899	2895	2885	2874	2866
G 45.0	2607	2604	2607	2608	2608	2612	2608	2596	2587	2585
G 50.0	2262	2239	2262	2247	2165	2036	2033	2157	2236	2254
G 55.0	1955	1882	1955	1871	1641	1449	1476	1695	1895	1941
G 60.0	1617	1514	1617	1511	1288	1232	1232	1281	1486	1588
G 65.0	1306	1227	1306	1218	1070	1113	1094	1028	1190	1313
G 70.0	1092	1073	1092	1047	980	988	979	957	1056	1107
G 75.0	901	890	901	889	866	860	857	854	890	901
G 80.0	756	759	756	753	754	763	762	749	740	740
G 85.0	504	487	504	530	538	497	499	538	520	490
G 90.0	172	186	172	186	199	159	162	199	171	175