

Luminaire

Code 90632L900
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Measurem.

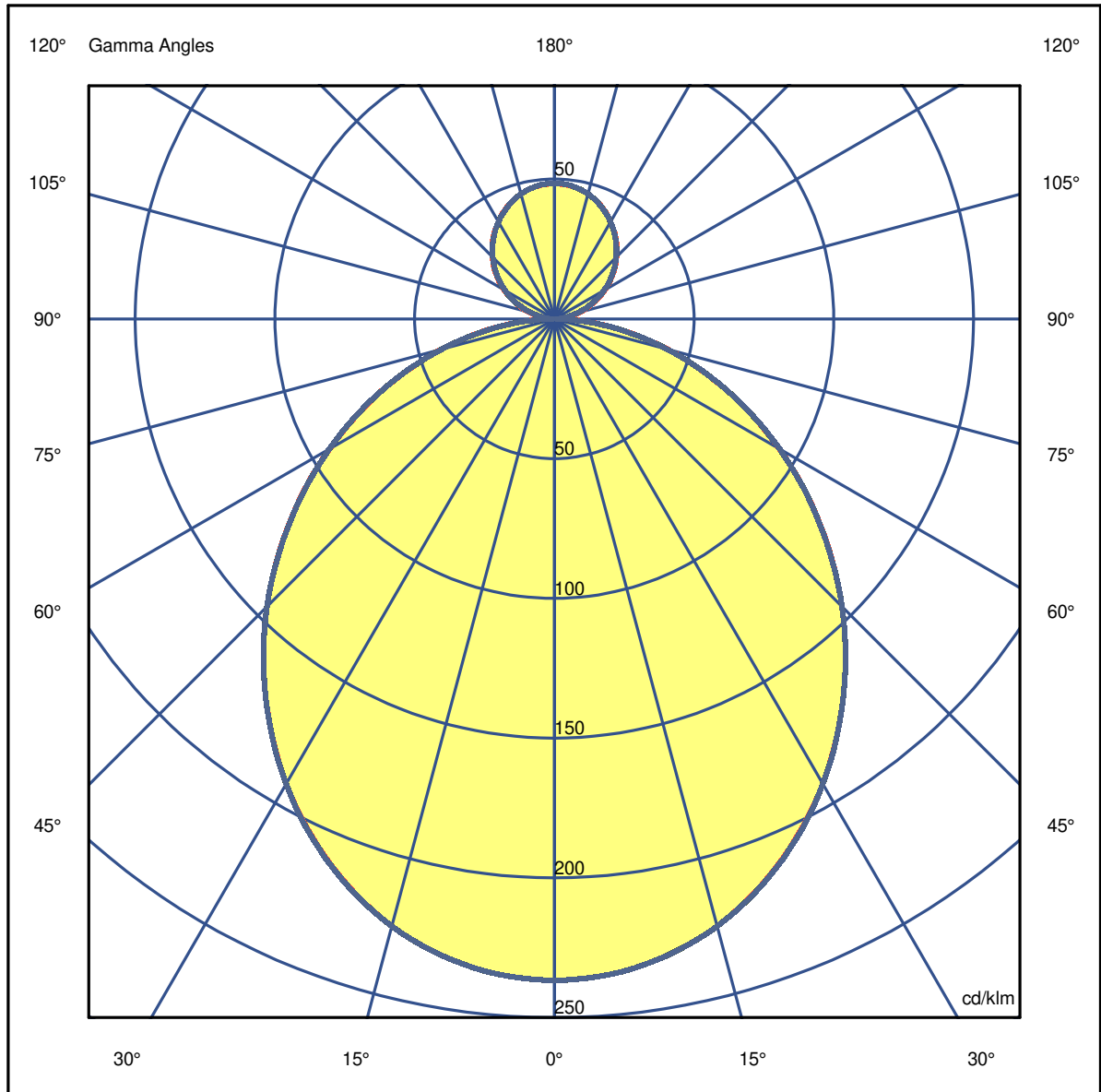
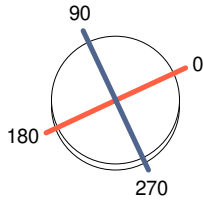
Code 4/8/2023
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Luminaire Flux	10032 lm	Luminaire Power	67.7 W	Efficacy	148.097 lm/W	Efficiency	76.98%
Source Flux	13032 lm	Maximum value	236.70 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 90632L900
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Measur.

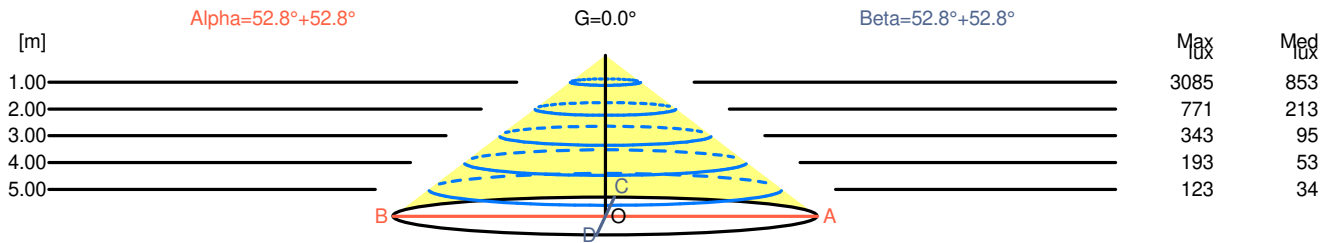
Code 4/8/2023
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Luminaire Flux	10032 lm	Luminaire Power	67.7 W	Efficacy	148.097 lm/W	Efficiency	76.98%
Source Flux	13032 lm	Maximum value	236.70 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	1.32	2.64	3.96	5.27	6.59	OC	1.32	2.63	3.95	5.27	6.58
OB	1.32	2.64	3.96	5.27	6.59	OD	1.32	2.63	3.95	5.27	6.58

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3084.67	3066.43	2930.90	2668.95	2313.18	1896.16	1442.64	982.61	544.74	156.38
OB	3084.67	3066.43	2930.90	2668.95	2313.18	1896.16	1442.64	982.61	544.74	156.38
OC	3084.67	3066.43	2930.90	2671.56	2314.48	1896.16	1441.34	983.92	543.43	151.17
OD	3084.67	3066.43	2930.90	2671.56	2314.48	1896.16	1441.34	983.92	543.43	151.17



H[m]	D[m]	Max lux	Med lux	Alpha=52.8°+52.8°	G=0.0	
1.00	2.64	3085	853			
2.00	5.27	771	213			
3.00	7.91	343	95			
4.00	10.55	193	53			
5.00	13.19	123	34			

H[m]	D[m]	Max lux	Med lux	Beta=52.8°+52.8°	G=0.0	
1.00	2.63	3085	853			
2.00	5.27	771	213			
3.00	7.90	343	95			
4.00	10.53	193	53			
5.00	13.17	123	34			

Luminaire

Code 90632L900
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Measurment.

Code 4/8/2023
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Luminaire Flux	10032 lm	Luminaire Power	67.7 W	Efficacy	148.097 lm/W	Efficiency	76.98%
Source Flux	13032 lm	Maximum value	236.70 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	15.8	16.9	16.4	17.4	18.0	15.8	16.9	16.4	17.4	18.0
x=2H y=3H	17.2	18.2	17.8	18.7	19.3	17.2	18.2	17.8	18.7	19.3
x=2H y=4H	17.7	18.6	18.3	19.2	19.8	17.7	18.6	18.3	19.2	19.8
x=2H y=6H	18.1	18.9	18.7	19.5	20.2	18.1	18.9	18.7	19.5	20.2
x=2H y=8H	18.2	19.0	18.8	19.6	20.3	18.2	19.0	18.8	19.6	20.3
x=2H y=12H	18.2	19.0	18.8	19.6	20.3	18.2	19.0	18.8	19.6	20.3
x=4H y=2H	16.4	17.3	17.0	17.8	18.5	16.4	17.3	17.0	17.8	18.5
x=4H y=3H	17.9	18.7	18.5	19.3	20.0	17.9	18.7	18.5	19.3	20.0
x=4H y=4H	18.6	19.3	19.2	19.9	20.6	18.6	19.2	19.2	19.9	20.6
x=4H y=6H	19.0	19.6	19.7	20.3	21.0	19.0	19.6	19.7	20.3	21.0
x=4H y=8H	19.2	19.7	19.8	20.4	21.1	19.2	19.7	19.8	20.4	21.1
x=4H y=12H	19.2	19.7	19.9	20.4	21.2	19.2	19.7	19.9	20.4	21.2
x=8H y=4H	18.8	19.3	19.4	20.0	20.7	18.8	19.3	19.4	20.0	20.7
x=8H y=6H	19.4	19.8	20.1	20.5	21.3	19.3	19.8	20.0	20.5	21.3
x=8H y=8H	19.6	20.0	20.3	20.7	21.5	19.5	19.9	20.3	20.6	21.5
x=8H y=12H	19.7	20.0	20.4	20.8	21.6	19.7	20.0	20.4	20.7	21.6
x=12H y=4H	18.7	19.3	19.5	19.9	20.7	18.7	19.2	19.5	19.9	20.7
x=12H y=6H	19.4	19.8	20.1	20.5	21.3	19.4	19.8	20.1	20.5	21.3
x=12H y=8H	19.6	20.0	20.3	20.7	21.5	19.6	19.9	20.3	20.7	21.5

Luminaire

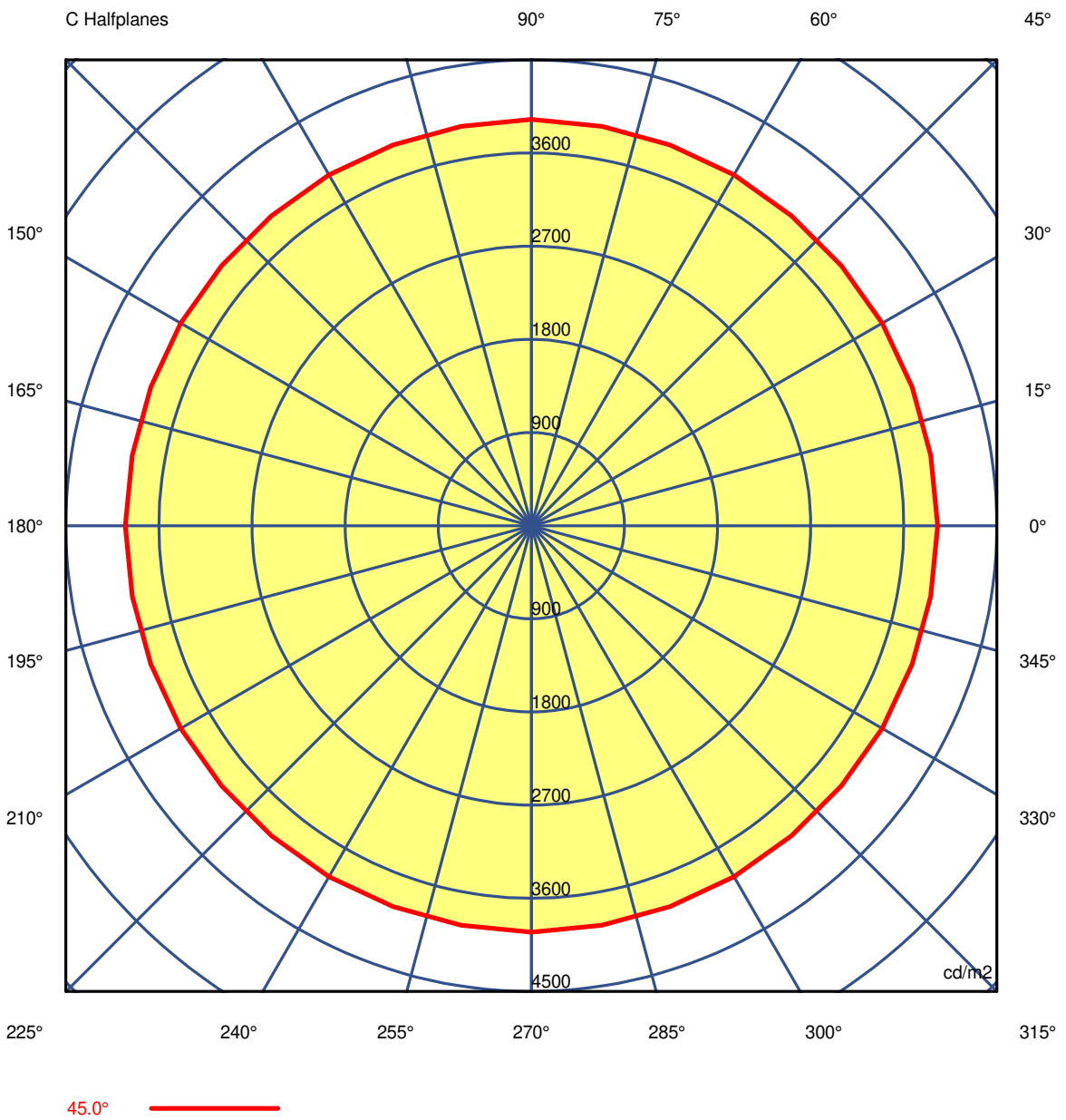
Code 90632L900
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Measur.

Code 4/8/2023
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Luminaire Flux	10032 lm	Luminaire Power	67.7 W	Efficacy	148.097 lm/W	Efficiency	76.98%
Source Flux	13032 lm	Maximum value	236.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

Code 90632L900
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Measurement

Code 4/8/2023
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Luminaire Flux	10032 lm	Luminaire Power	67.7 W	Efficacy	148.097 lm/W	Efficiency	76.98%
Source Flux	13032 lm	Maximum value	236.70 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	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072
G 5.0	5007	5007	5007	5007	5007	5007	5007	5005	5005	5007	5005	5005	5007
G 10.0	4926	4926	4926	4926	4924	4924	4926	4924	4924	4926	4924	4924	4926
G 15.0	4830	4828	4828	4828	4824	4825	4828	4825	4824	4830	4824	4825	4828
G 20.0	4712	4712	4712	4712	4709	4708	4710	4710	4711	4714	4711	4710	4710
G 25.0	4579	4581	4581	4577	4575	4576	4579	4578	4578	4584	4578	4578	4579
G 30.0	4438	4432	4431	4433	4430	4429	4431	4429	4430	4438	4430	4429	4431
G 35.0	4275	4273	4272	4272	4270	4271	4272	4270	4271	4277	4271	4270	4272
G 40.0	4107	4101	4100	4102	4099	4097	4097	4099	4102	4107	4102	4099	4097
G 45.0	3926	3918	3915	3915	3911	3911	3915	3915	3918	3926	3918	3915	3915
G 50.0	3727	3721	3717	3716	3711	3711	3716	3718	3720	3724	3720	3718	3716
G 55.0	3518	3514	3508	3502	3502	3502	3502	3503	3507	3514	3507	3503	3502
G 60.0	3282	3280	3277	3271	3265	3267	3275	3272	3274	3286	3274	3272	3275
G 65.0	3025	3020	3014	3009	3006	3004	3005	3012	3021	3029	3021	3012	3005
G 70.0	2725	2715	2708	2702	2698	2698	2702	2707	2717	2730	2717	2707	2702
G 75.0	2372	2355	2345	2338	2324	2322	2332	2339	2350	2366	2350	2339	2332
G 80.0	1912	1890	1880	1875	1859	1853	1861	1865	1875	1897	1875	1865	1861
G 85.0	1226	1209	1206	1206	1178	1165	1165	1172	1179	1185	1179	1172	1165
G 90.0	470	493	517	488	351	296	296	255	208	192	208	255	296

Luminaire

Code 90632L900
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Measurement

Code 4/8/2023
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Luminaire Flux	10032 lm	Luminaire Power	67.7 W	Efficacy	148.097 lm/W	Efficiency	76.98%
Source Flux	13032 lm	Maximum value	236.70 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	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072
G 5.0	5007	5007	5007	5007	5007	5007	5007	5007	5007	5007	5007	5007	5005
G 10.0	4924	4924	4926	4926	4926	4926	4926	4926	4926	4924	4924	4926	4924
G 15.0	4825	4824	4828	4828	4828	4830	4828	4828	4828	4824	4825	4828	4825
G 20.0	4708	4709	4712	4712	4712	4712	4712	4712	4712	4709	4708	4710	4710
G 25.0	4576	4575	4577	4581	4581	4579	4581	4581	4577	4575	4576	4579	4578
G 30.0	4429	4430	4433	4431	4432	4438	4432	4431	4433	4430	4429	4431	4429
G 35.0	4271	4270	4272	4272	4273	4275	4273	4272	4272	4270	4271	4272	4270
G 40.0	4097	4099	4102	4100	4101	4107	4101	4100	4102	4099	4097	4097	4099
G 45.0	3911	3911	3915	3915	3918	3926	3918	3915	3915	3911	3911	3915	3915
G 50.0	3711	3711	3716	3717	3721	3727	3721	3717	3716	3711	3711	3716	3718
G 55.0	3502	3502	3502	3508	3514	3518	3514	3508	3502	3502	3502	3502	3503
G 60.0	3267	3265	3271	3277	3280	3282	3280	3277	3271	3265	3267	3275	3272
G 65.0	3004	3006	3009	3014	3020	3025	3020	3014	3009	3006	3004	3005	3012
G 70.0	2698	2698	2702	2708	2715	2725	2715	2708	2702	2698	2698	2702	2707
G 75.0	2322	2324	2338	2345	2355	2372	2355	2345	2338	2324	2322	2332	2339
G 80.0	1853	1859	1875	1880	1890	1912	1890	1880	1875	1859	1853	1861	1865
G 85.0	1165	1178	1206	1206	1209	1226	1209	1206	1206	1178	1165	1165	1172
G 90.0	296	351	488	517	493	470	493	517	488	351	296	296	255

Luminaire

Code 90632L900
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Measurem.

Code 4/8/2023
Name ROFY 85 D/I D0900 LIGHT+ 840 LO

Luminaire Flux	10032 lm	Luminaire Power	67.7 W	Efficacy	148.097 lm/W	Efficiency	76.98%
Source Flux	13032 lm	Maximum value	236.70 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	5072	5072	5072	5072	5072	5072	5072	5072	5072	5072
G 5.0	5005	5007	5005	5005	5007	5007	5007	5007	5007	5007
G 10.0	4924	4926	4924	4924	4926	4924	4924	4926	4926	4926
G 15.0	4824	4830	4824	4825	4828	4825	4824	4828	4828	4828
G 20.0	4711	4714	4711	4710	4710	4708	4709	4712	4712	4712
G 25.0	4578	4584	4578	4578	4579	4576	4575	4577	4581	4581
G 30.0	4430	4438	4430	4429	4431	4429	4430	4433	4431	4432
G 35.0	4271	4277	4271	4270	4272	4271	4270	4272	4272	4273
G 40.0	4102	4107	4102	4099	4097	4097	4099	4102	4100	4101
G 45.0	3918	3926	3918	3915	3915	3911	3911	3915	3915	3918
G 50.0	3720	3724	3720	3718	3716	3711	3711	3716	3717	3721
G 55.0	3507	3514	3507	3503	3502	3502	3502	3502	3508	3514
G 60.0	3274	3286	3274	3272	3275	3267	3265	3271	3277	3280
G 65.0	3021	3029	3021	3012	3005	3004	3006	3009	3014	3020
G 70.0	2717	2730	2717	2707	2702	2698	2698	2702	2708	2715
G 75.0	2350	2366	2350	2339	2332	2322	2324	2338	2345	2355
G 80.0	1875	1897	1875	1865	1861	1853	1859	1875	1880	1890
G 85.0	1179	1185	1179	1172	1165	1165	1178	1206	1206	1209
G 90.0	208	192	208	255	296	296	351	488	517	493