

Luminaire

Code 90586L900

Name ROFY 60 D0900 LIGHT+ 830 LO

Measurem.

Code 4/8/2023

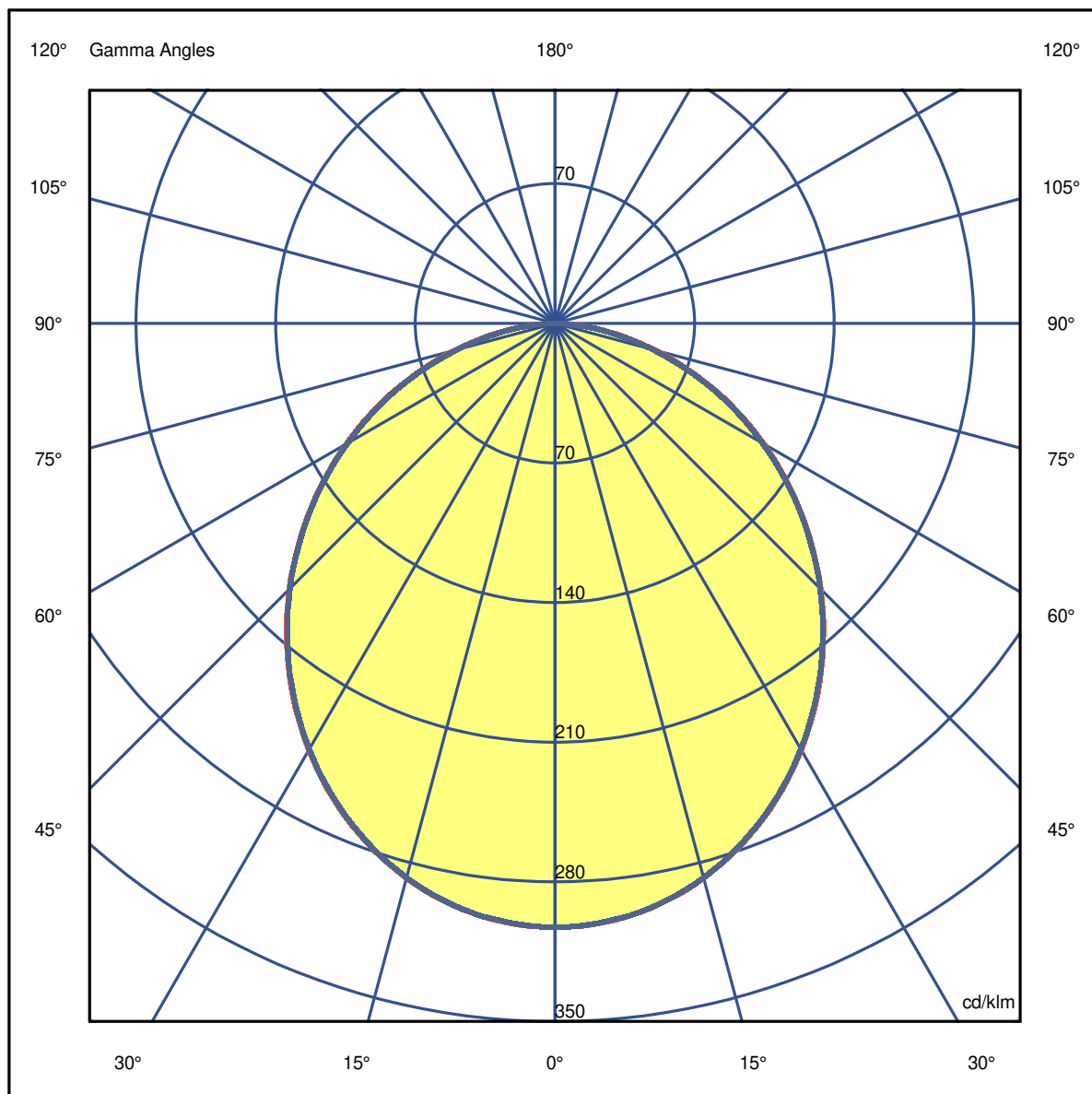
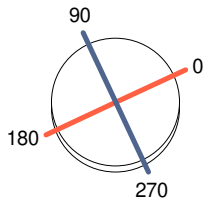
Name ROFY 60 D0900 LIGHT+ 830 LO

Luminaire Flux	8034 lm	Luminaire Power	53.3 W	Efficacy	150.673 lm/W	Efficiency	81.15%
Source Flux	9900 lm	Maximum value	302.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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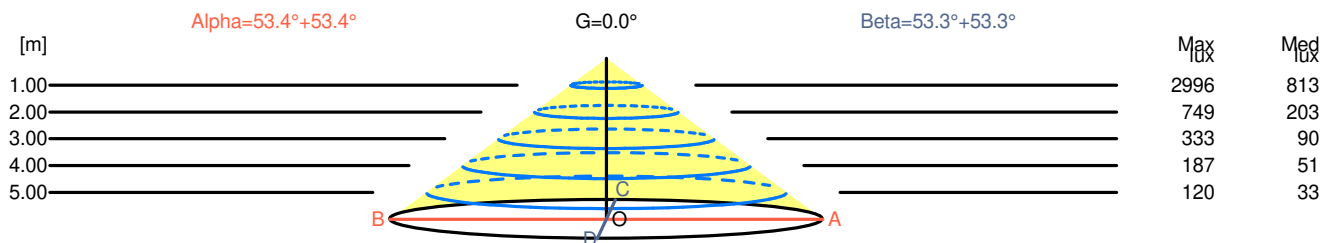
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Width at 50.00 % of Max Intensity

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	1.34	2.69	4.03	5.38	6.72	OC	1.34	2.68	4.02	5.36	6.70
OB	1.34	2.69	4.03	5.38	6.72	OD	1.34	2.68	4.02	5.36	6.70

	0	5	15	25	35	45	55	65	75	85
OA	2995.74	2980.89	2849.22	2602.71	2266.11	1865.16	1424.61	966.24	513.81	125.73
OB	2995.74	2980.89	2849.22	2602.71	2266.11	1865.16	1424.61	966.24	513.81	125.73
OC	2995.74	2977.92	2848.23	2599.74	2261.16	1861.20	1418.67	956.34	499.95	115.83
OD	2995.74	2977.92	2848.23	2599.74	2261.16	1861.20	1418.67	956.34	499.95	115.83



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0
1.00	2.69	2996	813		
2.00	5.38	749	203		
3.00	8.07	333	90		
4.00	10.76	187	51		
5.00	13.44	120	33		

H[m]	D[m]	Max lux	Med lux	Beta=53.3°+53.3°	G=0.0
1.00	2.68	2996	813		
2.00	5.36	749	203		
3.00	8.04	333	90		
4.00	10.72	187	51		
5.00	13.40	120	33		

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Source Flux	9900 lm	Maximum value	302.60 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	16.9	18.2	17.2	18.4	18.7	16.9	18.2	17.2	18.4	18.7
x=2H y=3H	18.3	19.5	18.6	19.7	20.0	18.2	19.4	18.6	19.7	20.0
x=2H y=4H	18.8	19.9	19.1	20.2	20.5	18.7	19.9	19.1	20.1	20.4
x=2H y=6H	19.1	20.2	19.5	20.5	20.8	19.1	20.1	19.4	20.4	20.7
x=2H y=8H	19.2	20.2	19.6	20.5	20.9	19.1	20.1	19.5	20.4	20.8
x=2H y=12H	19.3	20.2	19.6	20.5	20.9	19.2	20.1	19.5	20.4	20.8
x=4H y=2H	17.5	18.6	17.8	18.9	19.2	17.5	18.6	17.8	18.9	19.2
x=4H y=3H	19.1	20.0	19.5	20.4	20.7	19.0	20.0	19.4	20.3	20.7
x=4H y=4H	19.7	20.6	20.1	20.9	21.3	19.7	20.5	20.1	20.9	21.2
x=4H y=6H	20.1	20.9	20.6	21.3	21.7	20.1	20.8	20.5	21.2	21.6
x=4H y=8H	20.3	21.0	20.7	21.4	21.8	20.2	20.9	20.6	21.3	21.7
x=4H y=12H	20.4	21.0	20.8	21.4	21.8	20.3	20.9	20.7	21.3	21.7
x=8H y=4H	20.0	20.6	20.4	21.0	21.4	19.9	20.6	20.3	21.0	21.4
x=8H y=6H	20.5	21.1	21.0	21.5	22.0	20.4	21.0	20.9	21.4	21.9
x=8H y=8H	20.7	21.2	21.2	21.6	22.1	20.6	21.1	21.1	21.5	22.0
x=8H y=12H	20.8	21.2	21.3	21.7	22.2	20.7	21.1	21.2	21.6	22.1
x=12H y=4H	20.0	20.6	20.4	21.0	21.4	19.9	20.5	20.4	20.9	21.4
x=12H y=6H	20.5	21.0	21.0	21.5	22.0	20.5	20.9	20.9	21.4	21.9
x=12H y=8H	20.7	21.2	21.2	21.6	22.1	20.6	21.1	21.1	21.5	22.0

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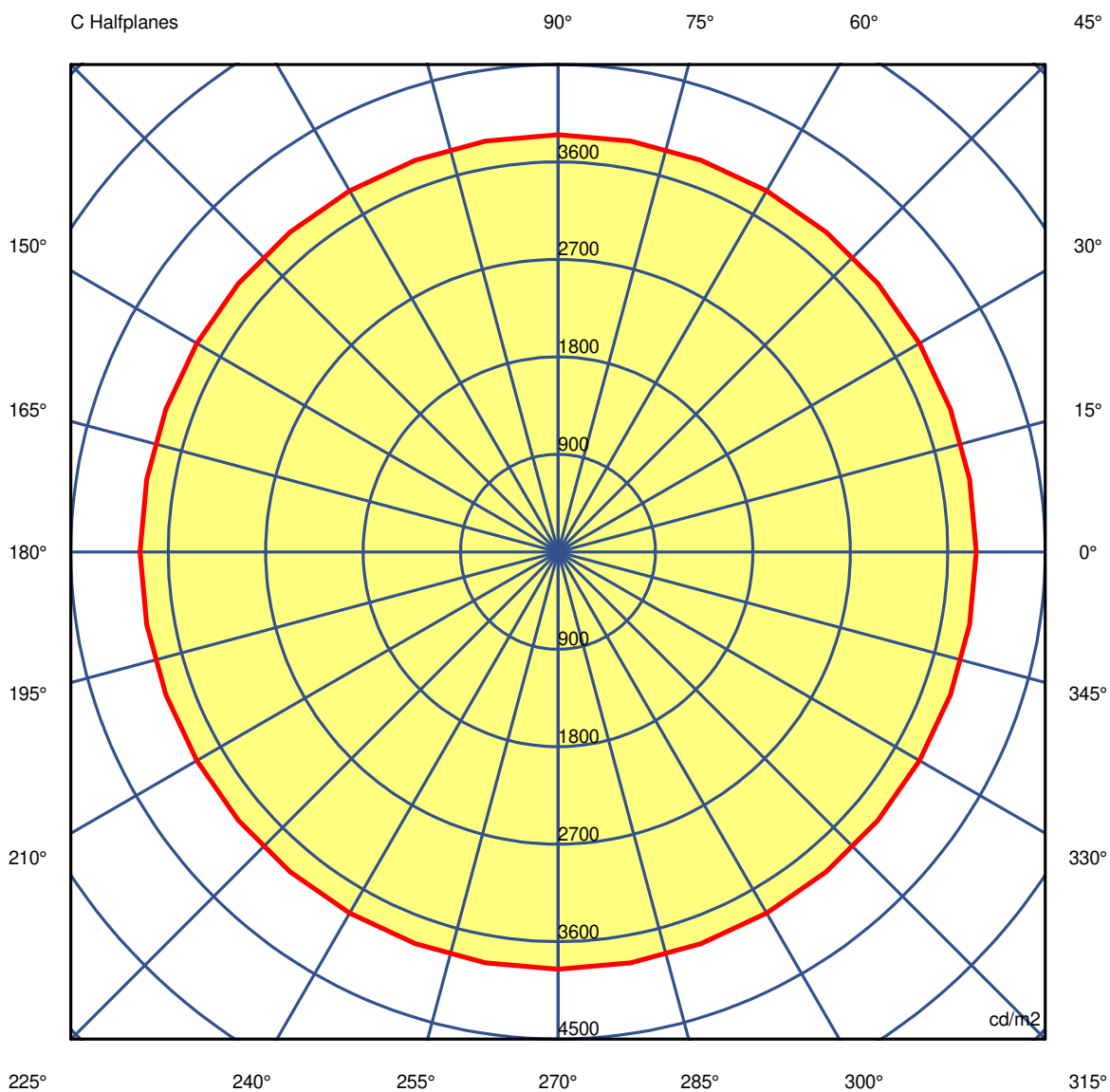
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Luminaire Flux	8034 lm	Luminaire Power	53.3 W	Efficacy	150.673 lm/W	Efficiency	81.15%
Source Flux	9900 lm	Maximum value	302.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	8034 lm		Luminaire Power		53.3 W		Efficacy		150.673 lm/W		Efficiency		81.15%	
Source Flux	9900 lm		Maximum value		302.60 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	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925	
G 5.0	4867	4865	4863	4863	4864	4864	4864	4866	4865	4863	4865	4866	4864	
G 10.0	4789	4788	4786	4784	4785	4788	4789	4786	4785	4787	4785	4786	4789	
G 15.0	4695	4694	4693	4692	4693	4694	4695	4693	4692	4693	4692	4693	4695	
G 20.0	4588	4587	4584	4583	4585	4586	4584	4584	4584	4583	4584	4584	4584	
G 25.0	4466	4465	4463	4460	4462	4462	4460	4460	4460	4460	4460	4460	4460	
G 30.0	4331	4330	4329	4328	4329	4329	4328	4326	4326	4326	4326	4326	4328	
G 35.0	4188	4183	4183	4184	4181	4181	4184	4182	4179	4179	4179	4182	4184	
G 40.0	4026	4026	4026	4026	4025	4022	4020	4021	4021	4018	4021	4021	4020	
G 45.0	3862	3859	3856	3854	3855	3855	3852	3851	3852	3854	3852	3851	3852	
G 50.0	3675	3674	3672	3671	3671	3671	3671	3669	3668	3668	3668	3669	3671	
G 55.0	3474	3472	3470	3469	3467	3465	3464	3464	3463	3459	3463	3464	3464	
G 60.0	3242	3238	3236	3234	3232	3230	3229	3227	3225	3223	3225	3227	3229	
G 65.0	2975	2972	2964	2956	2956	2954	2947	2947	2946	2944	2946	2947	2947	
G 70.0	2647	2639	2634	2632	2629	2621	2611	2605	2604	2604	2604	2605	2611	
G 75.0	2237	2232	2225	2216	2207	2199	2190	2180	2177	2177	2177	2180	2190	
G 80.0	1717	1715	1706	1690	1672	1653	1640	1640	1638	1635	1638	1640	1640	
G 85.0	986	986	986	986	955	931	924	913	908	908	908	913	924	
G 90.0	159	159	159	159	159	159	159	159	159	159	159	159	159	

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Source Flux	9900 lm		Maximum value		302.60 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	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925	
G 5.0	4864	4864	4863	4863	4865	4867	4865	4863	4863	4864	4864	4864	4866	
G 10.0	4788	4785	4784	4786	4788	4789	4788	4786	4784	4785	4788	4789	4786	
G 15.0	4694	4693	4692	4693	4694	4695	4694	4693	4692	4693	4694	4695	4693	
G 20.0	4586	4585	4583	4584	4587	4588	4587	4584	4583	4585	4586	4584	4584	
G 25.0	4462	4462	4460	4463	4465	4466	4465	4463	4460	4462	4462	4460	4460	
G 30.0	4329	4329	4328	4329	4330	4331	4330	4329	4328	4329	4329	4328	4326	
G 35.0	4181	4181	4184	4183	4183	4188	4183	4183	4184	4181	4181	4184	4182	
G 40.0	4022	4025	4026	4026	4026	4026	4026	4026	4026	4025	4022	4020	4021	
G 45.0	3855	3855	3854	3856	3859	3862	3859	3856	3854	3855	3855	3852	3851	
G 50.0	3671	3671	3671	3672	3674	3675	3674	3672	3671	3671	3671	3671	3669	
G 55.0	3465	3467	3469	3470	3472	3474	3472	3470	3469	3467	3465	3464	3464	
G 60.0	3230	3232	3234	3236	3238	3242	3238	3236	3234	3232	3230	3229	3227	
G 65.0	2954	2956	2956	2964	2972	2975	2972	2964	2956	2956	2954	2947	2947	
G 70.0	2621	2629	2632	2634	2639	2647	2639	2634	2632	2629	2621	2611	2605	
G 75.0	2199	2207	2216	2225	2232	2237	2232	2225	2216	2207	2199	2190	2180	
G 80.0	1653	1672	1690	1706	1715	1717	1715	1706	1690	1672	1653	1640	1640	
G 85.0	931	955	986	986	986	986	986	986	986	955	931	924	913	
G 90.0	159	159	159	159	159	159	159	159	159	159	159	159	159	

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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	4925	4925	4925	4925	4925	4925	4925	4925	4925	4925
G 5.0	4865	4863	4865	4866	4864	4864	4864	4863	4863	4865
G 10.0	4785	4787	4785	4786	4789	4788	4785	4784	4786	4788
G 15.0	4692	4693	4692	4693	4695	4694	4693	4692	4693	4694
G 20.0	4584	4583	4584	4584	4584	4586	4585	4583	4584	4587
G 25.0	4460	4460	4460	4460	4460	4462	4462	4460	4463	4465
G 30.0	4326	4326	4326	4326	4328	4329	4329	4328	4329	4330
G 35.0	4179	4179	4179	4182	4184	4181	4181	4184	4183	4183
G 40.0	4021	4018	4021	4021	4020	4022	4025	4026	4026	4026
G 45.0	3852	3854	3852	3851	3852	3855	3855	3854	3856	3859
G 50.0	3668	3668	3668	3669	3671	3671	3671	3671	3672	3674
G 55.0	3463	3459	3463	3464	3464	3465	3467	3469	3470	3472
G 60.0	3225	3223	3225	3227	3229	3230	3232	3234	3236	3238
G 65.0	2946	2944	2946	2947	2947	2954	2956	2956	2964	2972
G 70.0	2604	2604	2604	2605	2611	2621	2629	2632	2634	2639
G 75.0	2177	2177	2177	2180	2190	2199	2207	2216	2225	2232
G 80.0	1638	1635	1638	1640	1640	1653	1672	1690	1706	1715
G 85.0	908	908	908	913	924	931	955	986	986	986
G 90.0	159	159	159	159	159	159	159	159	159	159