

Luminaire

Code 90589L900
Name ROFY 60 D/I D0900 LIGHT+ 840 HO

Measurem.

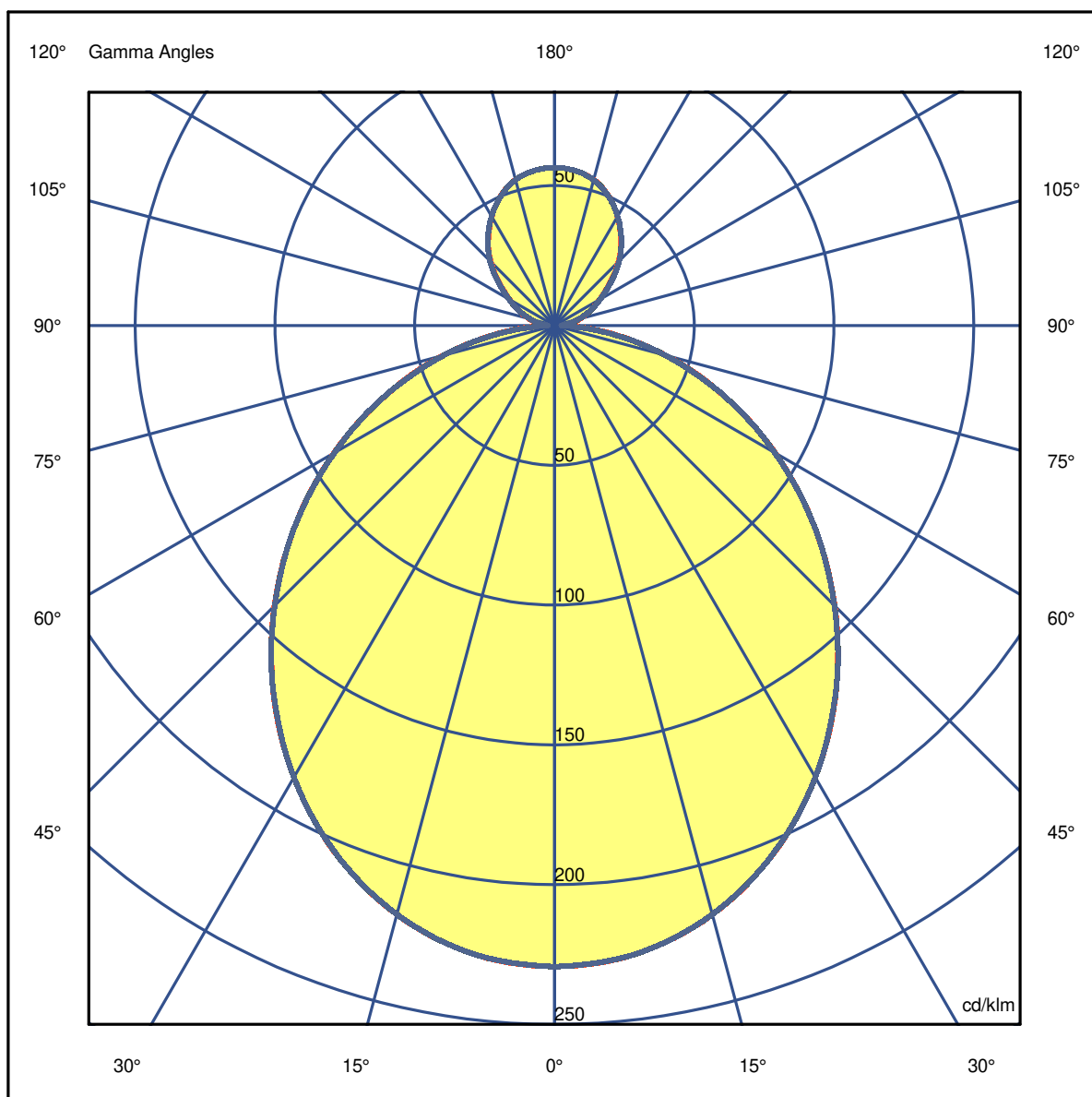
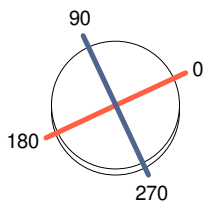
Code 26/7/2023
Name ROFY 60 D/I D0900 LIGHT+ 840 HO

Luminaire Flux	11877 lm	Luminaire Power	83.9 W	Efficacy	141.562 lm/W	Efficiency	76.33%
Source Flux	15560 lm	Maximum value	229.30 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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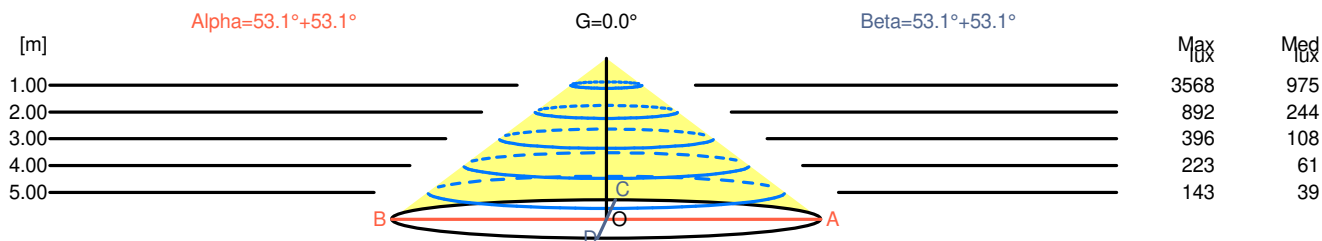
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Width at 50.00 % of Max Intensity

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	1.33	2.67	4.00	5.33	6.67	OC	1.33	2.67	4.00	5.33	6.66
OB	1.33	2.67	4.00	5.33	6.67	OD	1.33	2.67	4.00	5.33	6.66

	0	5	15	25	35	45	55	65	75	85
OA	3567.91	3549.24	3393.64	3096.44	2688.77	2206.41	1685.15	1151.44	639.52	192.94
OB	3567.91	3549.24	3393.64	3096.44	2688.77	2206.41	1685.15	1151.44	639.52	192.94
OC	3567.91	3547.68	3392.08	3094.88	2685.66	2203.30	1683.59	1153.00	636.40	171.16
OD	3567.91	3547.68	3392.08	3094.88	2685.66	2203.30	1683.59	1153.00	636.40	171.16



H[m]	D[m]	Max lux	Med lux	Alpha=53.1°+53.1°	G=0.0
1.00	2.67	3568	975		
2.00	5.33	892	244		
3.00	8.00	396	108		
4.00	10.67	223	61		
5.00	13.33	143	39		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.67	3568	975		
2.00	5.33	892	244		
3.00	8.00	396	108		
4.00	10.66	223	61		
5.00	13.33	143	39		

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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	16.3	17.4	16.8	17.9	18.5	16.3	17.4	16.9	17.9	18.5
x=2H y=3H	17.7	18.6	18.3	19.2	19.9	17.7	18.7	18.3	19.2	19.9
x=2H y=4H	18.2	19.1	18.8	19.7	20.4	18.2	19.1	18.8	19.7	20.4
x=2H y=6H	18.6	19.4	19.2	20.0	20.7	18.6	19.4	19.2	20.0	20.7
x=2H y=8H	18.7	19.5	19.3	20.1	20.8	18.6	19.4	19.3	20.0	20.7
x=2H y=12H	18.7	19.5	19.3	20.1	20.8	18.7	19.4	19.3	20.1	20.8
x=4H y=2H	16.8	17.8	17.5	18.3	19.0	16.8	17.8	17.5	18.4	19.0
x=4H y=3H	18.4	19.1	19.0	19.8	20.5	18.4	19.1	19.0	19.8	20.5
x=4H y=4H	19.0	19.7	19.7	20.4	21.1	19.0	19.7	19.7	20.4	21.1
x=4H y=6H	19.5	20.1	20.2	20.8	21.6	19.5	20.1	20.2	20.8	21.5
x=4H y=8H	19.7	20.2	20.4	20.9	21.7	19.6	20.2	20.3	20.9	21.7
x=4H y=12H	19.7	20.2	20.4	20.9	21.7	19.7	20.2	20.4	20.9	21.7
x=8H y=4H	19.2	19.8	19.9	20.5	21.3	19.2	19.8	19.9	20.5	21.3
x=8H y=6H	19.8	20.3	20.6	21.0	21.8	19.8	20.3	20.5	21.0	21.8
x=8H y=8H	20.0	20.4	20.8	21.2	22.0	20.0	20.4	20.7	21.1	22.0
x=8H y=12H	20.2	20.5	20.9	21.3	22.1	20.1	20.5	20.9	21.2	22.1
x=12H y=4H	19.2	19.7	19.9	20.4	21.2	19.2	19.7	19.9	20.4	21.2
x=12H y=6H	19.9	20.2	20.6	21.0	21.8	19.8	20.2	20.6	21.0	21.8
x=12H y=8H	20.1	20.4	20.9	21.2	22.1	20.1	20.4	20.8	21.2	22.0

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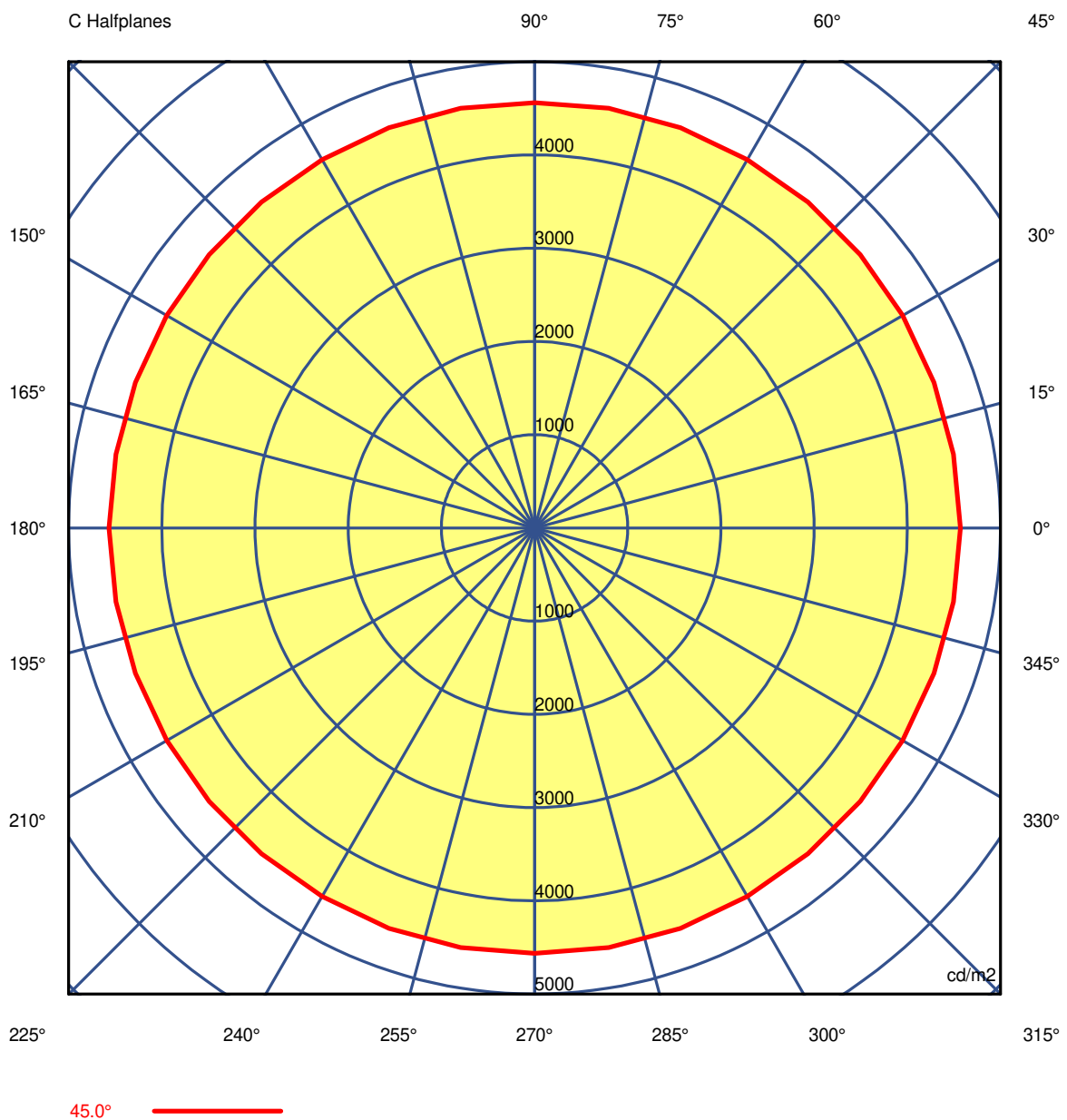
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Luminaire Flux	11877 lm	Luminaire Power	83.9 W	Efficacy	141.562 lm/W	Efficiency	76.33%
Source Flux	15560 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	11877 lm		Luminaire Power		83.9 W		Efficacy		141.562 lm/W		Efficiency		76.33%	
Source Flux	15560 lm		Maximum value		229.30 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	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866	
G 5.0	5795	5793	5794	5795	5795	5795	5795	5795	5795	5793	5795	5795	5795	
G 10.0	5703	5701	5700	5701	5702	5703	5703	5705	5705	5703	5705	5705	5703	
G 15.0	5592	5590	5590	5592	5593	5591	5590	5591	5592	5590	5592	5591	5590	
G 20.0	5459	5459	5459	5459	5459	5458	5457	5458	5459	5459	5459	5458	5457	
G 25.0	5313	5309	5307	5307	5310	5309	5307	5311	5313	5310	5313	5311	5307	
G 30.0	5147	5145	5144	5144	5144	5144	5144	5146	5147	5147	5147	5146	5144	
G 35.0	4969	4965	4962	4963	4966	4965	4963	4965	4966	4963	4966	4965	4963	
G 40.0	4771	4766	4765	4768	4768	4768	4768	4770	4772	4774	4772	4770	4768	
G 45.0	4568	4564	4560	4559	4561	4562	4562	4569	4571	4562	4571	4569	4562	
G 50.0	4346	4334	4335	4343	4338	4335	4339	4342	4344	4346	4344	4342	4339	
G 55.0	4109	4101	4096	4094	4093	4096	4101	4101	4102	4105	4102	4101	4101	
G 60.0	3843	3837	3833	3830	3827	3826	3830	3839	3843	3838	3843	3839	3830	
G 65.0	3545	3539	3531	3526	3525	3527	3530	3536	3543	3549	3543	3536	3530	
G 70.0	3204	3187	3178	3176	3171	3171	3176	3179	3184	3192	3184	3179	3176	
G 75.0	2785	2764	2754	2751	2741	2736	2744	2758	2768	2771	2768	2758	2744	
G 80.0	2239	2235	2223	2205	2193	2180	2170	2179	2194	2205	2194	2179	2170	
G 85.0	1513	1479	1452	1428	1389	1345	1318	1323	1336	1342	1336	1323	1318	
G 90.0	790	776	764	749	724	688	645	601	567	541	567	601	645	

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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	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866
G 5.0	5795	5795	5795	5794	5793	5795	5793	5794	5795	5795	5795	5795	5795
G 10.0	5703	5702	5701	5700	5701	5703	5701	5700	5701	5702	5703	5703	5705
G 15.0	5591	5593	5592	5590	5590	5592	5590	5590	5592	5593	5591	5590	5591
G 20.0	5458	5459	5459	5459	5459	5459	5459	5459	5459	5459	5458	5457	5458
G 25.0	5309	5310	5307	5307	5309	5313	5309	5307	5307	5310	5309	5307	5311
G 30.0	5144	5144	5144	5144	5145	5147	5145	5144	5144	5144	5144	5144	5146
G 35.0	4965	4966	4963	4962	4965	4969	4965	4962	4963	4966	4965	4963	4965
G 40.0	4768	4768	4768	4765	4766	4771	4766	4765	4768	4768	4768	4768	4770
G 45.0	4562	4561	4559	4560	4564	4568	4564	4560	4559	4561	4562	4562	4569
G 50.0	4335	4338	4343	4335	4334	4346	4334	4335	4343	4338	4335	4339	4342
G 55.0	4096	4093	4094	4096	4101	4109	4101	4096	4094	4093	4096	4101	4101
G 60.0	3826	3827	3830	3833	3837	3843	3837	3833	3830	3827	3826	3830	3839
G 65.0	3527	3525	3526	3531	3539	3545	3539	3531	3526	3525	3527	3530	3536
G 70.0	3171	3171	3176	3178	3187	3204	3187	3178	3176	3171	3171	3176	3179
G 75.0	2736	2741	2751	2754	2764	2785	2764	2754	2751	2741	2736	2744	2758
G 80.0	2180	2193	2205	2223	2235	2239	2235	2223	2205	2193	2180	2170	2179
G 85.0	1345	1389	1428	1452	1479	1513	1479	1452	1428	1389	1345	1318	1323
G 90.0	688	724	749	764	776	790	776	764	749	724	688	645	601

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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	5866	5866	5866	5866	5866	5866	5866	5866	5866	5866
G 5.0	5795	5793	5795	5795	5795	5795	5795	5795	5794	5793
G 10.0	5705	5703	5705	5705	5703	5703	5702	5701	5700	5701
G 15.0	5592	5590	5592	5591	5590	5591	5593	5592	5590	5590
G 20.0	5459	5459	5459	5458	5457	5458	5459	5459	5459	5459
G 25.0	5313	5310	5313	5311	5307	5309	5310	5307	5307	5309
G 30.0	5147	5147	5147	5146	5144	5144	5144	5144	5144	5145
G 35.0	4966	4963	4966	4965	4963	4965	4966	4963	4962	4965
G 40.0	4772	4774	4772	4770	4768	4768	4768	4768	4765	4766
G 45.0	4571	4562	4571	4569	4562	4562	4561	4559	4560	4564
G 50.0	4344	4346	4344	4342	4339	4335	4338	4343	4335	4334
G 55.0	4102	4105	4102	4101	4101	4096	4093	4094	4096	4101
G 60.0	3843	3838	3843	3839	3830	3826	3827	3830	3833	3837
G 65.0	3543	3549	3543	3536	3530	3527	3525	3526	3531	3539
G 70.0	3184	3192	3184	3179	3176	3171	3171	3176	3178	3187
G 75.0	2768	2771	2768	2758	2744	2736	2741	2751	2754	2764
G 80.0	2194	2205	2194	2179	2170	2180	2193	2205	2223	2235
G 85.0	1336	1342	1336	1323	1318	1345	1389	1428	1452	1479
G 90.0	567	541	567	601	645	688	724	749	764	776