

Luminaire

Code 90623L900

Name ROFY 85 D/I D0900 LIGHT+ 840 HO

Measurem.

Code 26/7/2023

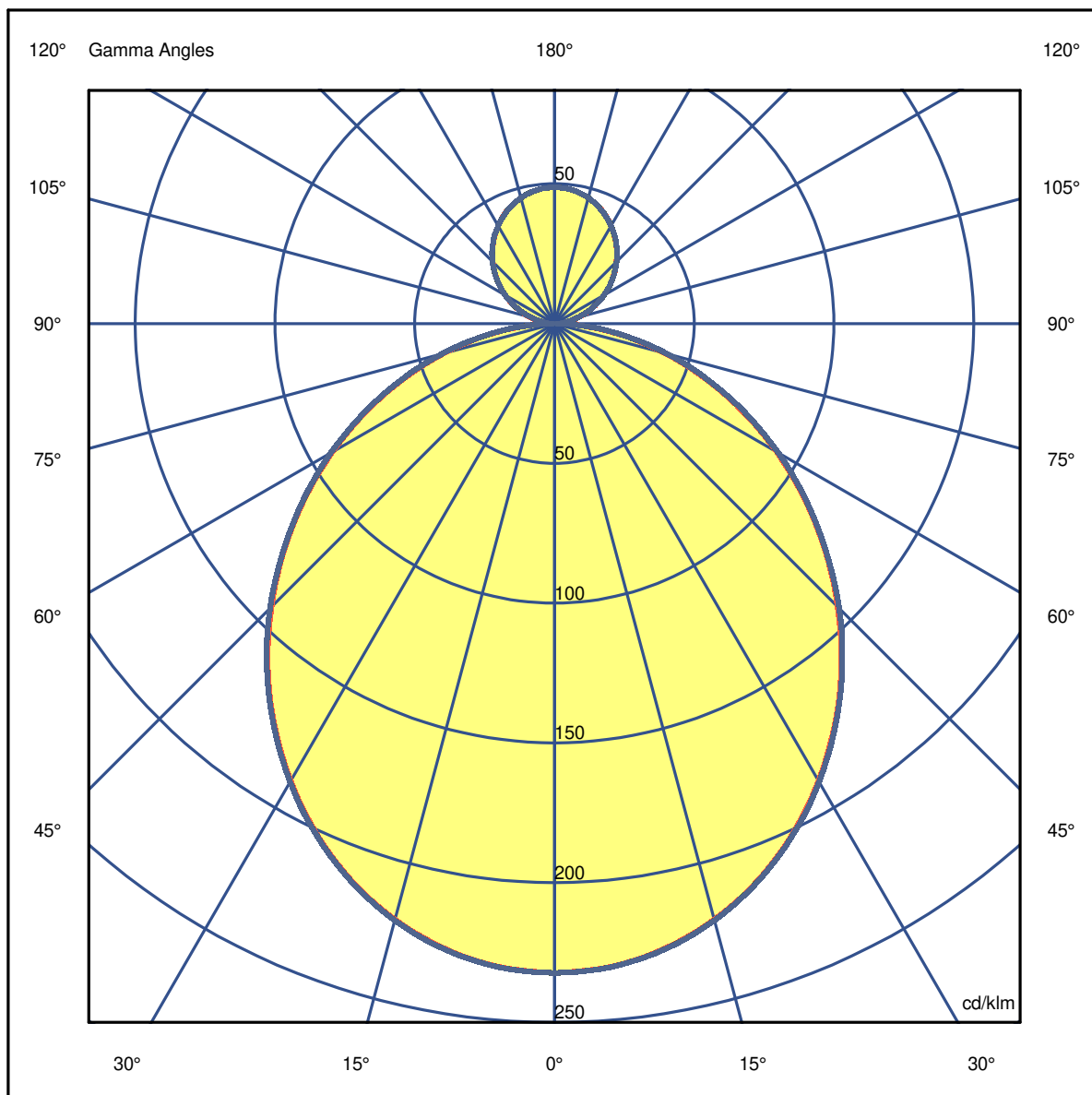
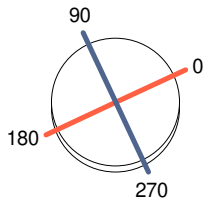
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Luminaire Flux	11880 lm	Luminaire Power	83.9 W	Efficacy	141.599 lm/W	Efficiency	76.35%
Source Flux	15560 lm	Maximum value	232.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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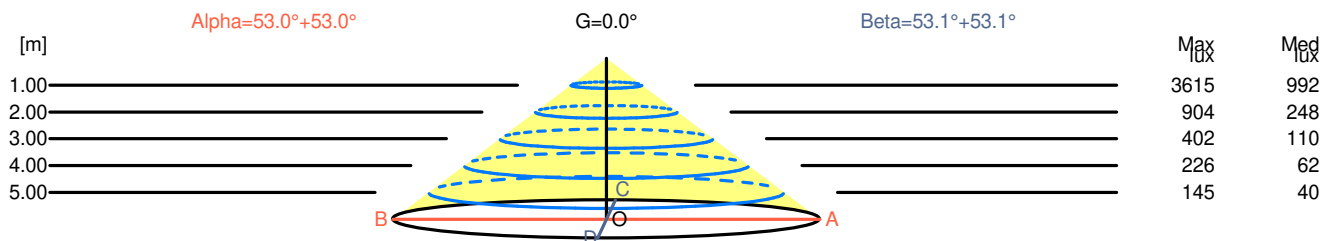
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Width at 50.00 % of Max Intensity

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	2.65	3.98	5.31	6.63	OC	1.33	2.67	4.00	5.33	6.67
OB	1.33	2.65	3.98	5.31	6.63	OD	1.33	2.67	4.00	5.33	6.67

	0	5	15	25	35	45	55	65	75	85
OA	3614.59	3592.80	3434.09	3135.34	2721.44	2229.75	1699.15	1157.66	637.96	182.05
OB	3614.59	3592.80	3434.09	3135.34	2721.44	2229.75	1699.15	1157.66	637.96	182.05
OC	3614.59	3594.36	3438.76	3140.01	2727.67	2240.64	1706.93	1167.00	648.85	185.16
OD	3614.59	3594.36	3438.76	3140.01	2727.67	2240.64	1706.93	1167.00	648.85	185.16



H[m]	D[m]	Max lux	Med lux	Alpha=53.0°+53.0°	G=0.0
1.00	2.65	3615	992		
2.00	5.31	904	248		
3.00	7.96	402	110		
4.00	10.61	226	62		
5.00	13.26	145	40		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.67	3615	992		
2.00	5.33	904	248		
3.00	8.00	402	110		
4.00	10.66	226	62		
5.00	13.33	145	40		

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Source Flux	15560 lm	Maximum value	232.30 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	16.4	17.5	16.9	18.0	18.6	16.4	17.5	17.0	18.0	18.6
x=2H y=3H	17.8	18.7	18.3	19.3	19.9	17.8	18.8	18.4	19.3	19.9
x=2H y=4H	18.3	19.2	18.9	19.8	20.4	18.3	19.3	18.9	19.8	20.5
x=2H y=6H	18.6	19.5	19.2	20.1	20.7	18.7	19.5	19.3	20.1	20.8
x=2H y=8H	18.7	19.5	19.3	20.1	20.8	18.8	19.6	19.4	20.2	20.9
x=2H y=12H	18.8	19.5	19.4	20.1	20.8	18.8	19.6	19.5	20.2	20.9
x=4H y=2H	16.9	17.9	17.5	18.4	19.1	17.0	17.9	17.6	18.5	19.1
x=4H y=3H	18.5	19.3	19.1	19.9	20.6	18.5	19.3	19.1	19.9	20.6
x=4H y=4H	19.1	19.8	19.8	20.4	21.1	19.2	19.9	19.8	20.5	21.2
x=4H y=6H	19.6	20.2	20.3	20.8	21.6	19.6	20.2	20.3	20.9	21.7
x=4H y=8H	19.7	20.3	20.4	20.9	21.7	19.8	20.3	20.5	21.0	21.8
x=4H y=12H	19.8	20.3	20.5	21.0	21.7	19.9	20.4	20.6	21.0	21.8
x=8H y=4H	19.3	19.9	20.0	20.5	21.3	19.4	19.9	20.1	20.6	21.4
x=8H y=6H	19.9	20.4	20.6	21.0	21.9	20.0	20.4	20.7	21.1	21.9
x=8H y=8H	20.1	20.5	20.8	21.2	22.1	20.2	20.6	20.9	21.3	22.1
x=8H y=12H	20.2	20.6	21.0	21.3	22.2	20.3	20.7	21.1	21.4	22.2
x=12H y=4H	19.3	19.8	20.0	20.5	21.3	19.4	19.9	20.1	20.6	21.3
x=12H y=6H	19.9	20.3	20.7	21.0	21.9	20.0	20.4	20.7	21.1	21.9
x=12H y=8H	20.2	20.5	20.9	21.2	22.1	20.2	20.6	21.0	21.3	22.2

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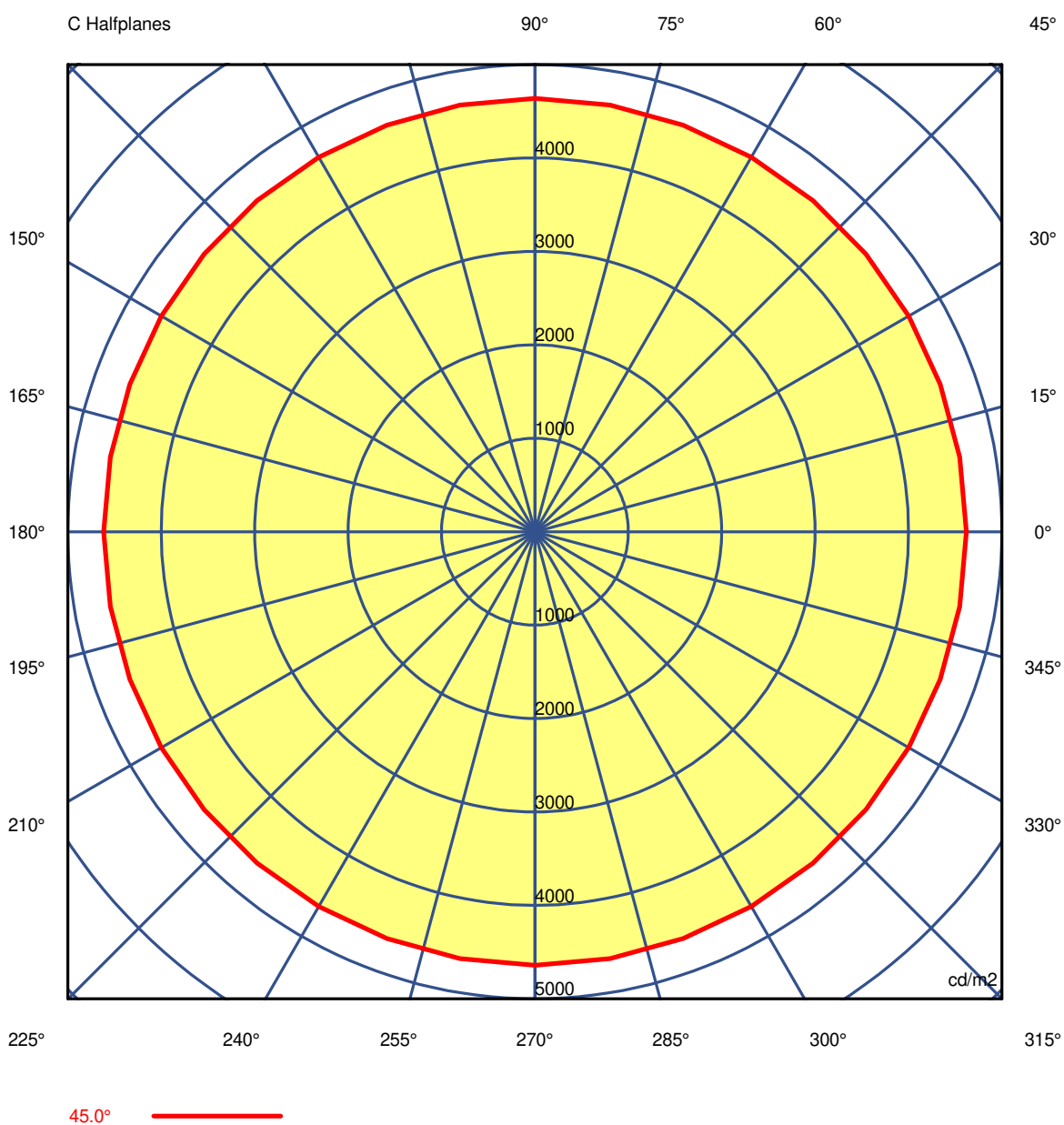
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Source Flux	15560 lm	Maximum value	232.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	11880 lm	Luminaire Power		83.9 W		Efficacy		141.599 lm/W		Efficiency		76.35%	
Source Flux	15560 lm	Maximum value		232.30 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	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943
G 5.0	5867	5867	5868	5869	5868	5866	5867	5868	5869	5869	5869	5868	5867
G 10.0	5772	5774	5774	5774	5774	5775	5777	5777	5777	5777	5777	5777	5777
G 15.0	5659	5660	5663	5664	5662	5662	5664	5662	5662	5667	5662	5662	5664
G 20.0	5530	5527	5528	5530	5530	5530	5532	5534	5535	5535	5535	5534	5532
G 25.0	5379	5377	5378	5382	5382	5382	5382	5386	5387	5387	5387	5386	5382
G 30.0	5210	5212	5213	5213	5215	5217	5219	5219	5219	5221	5219	5219	5219
G 35.0	5029	5029	5032	5035	5031	5030	5035	5040	5041	5041	5041	5040	5035
G 40.0	4835	4829	4830	4835	4836	4841	4847	4845	4844	4850	4844	4845	4847
G 45.0	4617	4617	4617	4620	4625	4628	4630	4634	4638	4639	4638	4634	4630
G 50.0	4388	4388	4388	4391	4396	4400	4402	4404	4405	4405	4405	4404	4402
G 55.0	4143	4137	4135	4139	4145	4148	4151	4156	4160	4162	4160	4156	4151
G 60.0	3872	3865	3866	3872	3875	3879	3885	3888	3891	3898	3891	3888	3885
G 65.0	3564	3556	3554	3559	3566	3570	3573	3579	3586	3593	3586	3579	3573
G 70.0	3209	3199	3200	3209	3213	3218	3226	3234	3239	3243	3239	3234	3226
G 75.0	2778	2760	2762	2778	2783	2789	2798	2802	2810	2825	2810	2802	2798
G 80.0	2239	2225	2224	2231	2231	2235	2248	2254	2261	2274	2261	2254	2248
G 85.0	1428	1407	1407	1415	1404	1414	1440	1433	1430	1452	1430	1433	1440
G 90.0	707	768	802	749	576	459	416	316	263	250	263	316	416

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Source Flux	15560 lm	Maximum value		232.30 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	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943
G 5.0	5866	5868	5869	5868	5867	5867	5867	5868	5869	5868	5866	5867	5868
G 10.0	5775	5774	5774	5774	5774	5772	5774	5774	5774	5774	5775	5777	5777
G 15.0	5662	5662	5664	5663	5660	5659	5660	5663	5664	5662	5662	5664	5662
G 20.0	5530	5530	5530	5528	5527	5530	5527	5528	5530	5530	5530	5532	5534
G 25.0	5382	5382	5382	5378	5377	5379	5377	5378	5382	5382	5382	5382	5386
G 30.0	5217	5215	5213	5213	5212	5210	5212	5213	5213	5215	5217	5219	5219
G 35.0	5030	5031	5035	5032	5029	5029	5029	5032	5035	5031	5030	5035	5040
G 40.0	4841	4836	4835	4830	4829	4835	4829	4830	4835	4836	4841	4847	4845
G 45.0	4628	4625	4620	4617	4617	4617	4617	4617	4620	4625	4628	4630	4634
G 50.0	4400	4396	4391	4388	4388	4388	4388	4388	4391	4396	4400	4402	4404
G 55.0	4148	4145	4139	4135	4137	4143	4137	4135	4139	4145	4148	4151	4156
G 60.0	3879	3875	3872	3866	3865	3872	3865	3866	3872	3875	3879	3885	3888
G 65.0	3570	3566	3559	3554	3556	3564	3556	3554	3559	3566	3570	3573	3579
G 70.0	3218	3213	3209	3200	3199	3209	3199	3200	3209	3213	3218	3226	3234
G 75.0	2789	2783	2778	2762	2760	2778	2760	2762	2778	2783	2789	2798	2802
G 80.0	2235	2231	2231	2224	2225	2239	2225	2224	2231	2231	2235	2248	2254
G 85.0	1414	1404	1415	1407	1407	1428	1407	1407	1415	1404	1414	1440	1433
G 90.0	459	576	749	802	768	707	768	802	749	576	459	416	316

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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	5943	5943	5943	5943	5943	5943	5943	5943	5943	5943
G 5.0	5869	5869	5869	5868	5867	5866	5868	5869	5868	5867
G 10.0	5777	5777	5777	5777	5777	5775	5774	5774	5774	5774
G 15.0	5662	5667	5662	5662	5664	5662	5662	5664	5663	5660
G 20.0	5535	5535	5535	5534	5532	5530	5530	5530	5528	5527
G 25.0	5387	5387	5387	5386	5382	5382	5382	5382	5378	5377
G 30.0	5219	5221	5219	5219	5219	5217	5215	5213	5213	5212
G 35.0	5041	5041	5041	5040	5035	5030	5031	5035	5032	5029
G 40.0	4844	4850	4844	4845	4847	4841	4836	4835	4830	4829
G 45.0	4638	4639	4638	4634	4630	4628	4625	4620	4617	4617
G 50.0	4405	4405	4405	4404	4402	4400	4396	4391	4388	4388
G 55.0	4160	4162	4160	4156	4151	4148	4145	4139	4135	4137
G 60.0	3891	3898	3891	3888	3885	3879	3875	3872	3866	3865
G 65.0	3586	3593	3586	3579	3573	3570	3566	3559	3554	3556
G 70.0	3239	3243	3239	3234	3226	3218	3213	3209	3200	3199
G 75.0	2810	2825	2810	2802	2798	2789	2783	2778	2762	2760
G 80.0	2261	2274	2261	2254	2248	2235	2231	2231	2224	2225
G 85.0	1430	1452	1430	1433	1440	1414	1404	1415	1407	1407
G 90.0	263	250	263	316	416	459	576	749	802	768