

Luminaire

Code 90629L115
Name ROFY 85 D1150 GCONTROL+ 840 LO

Measurem.

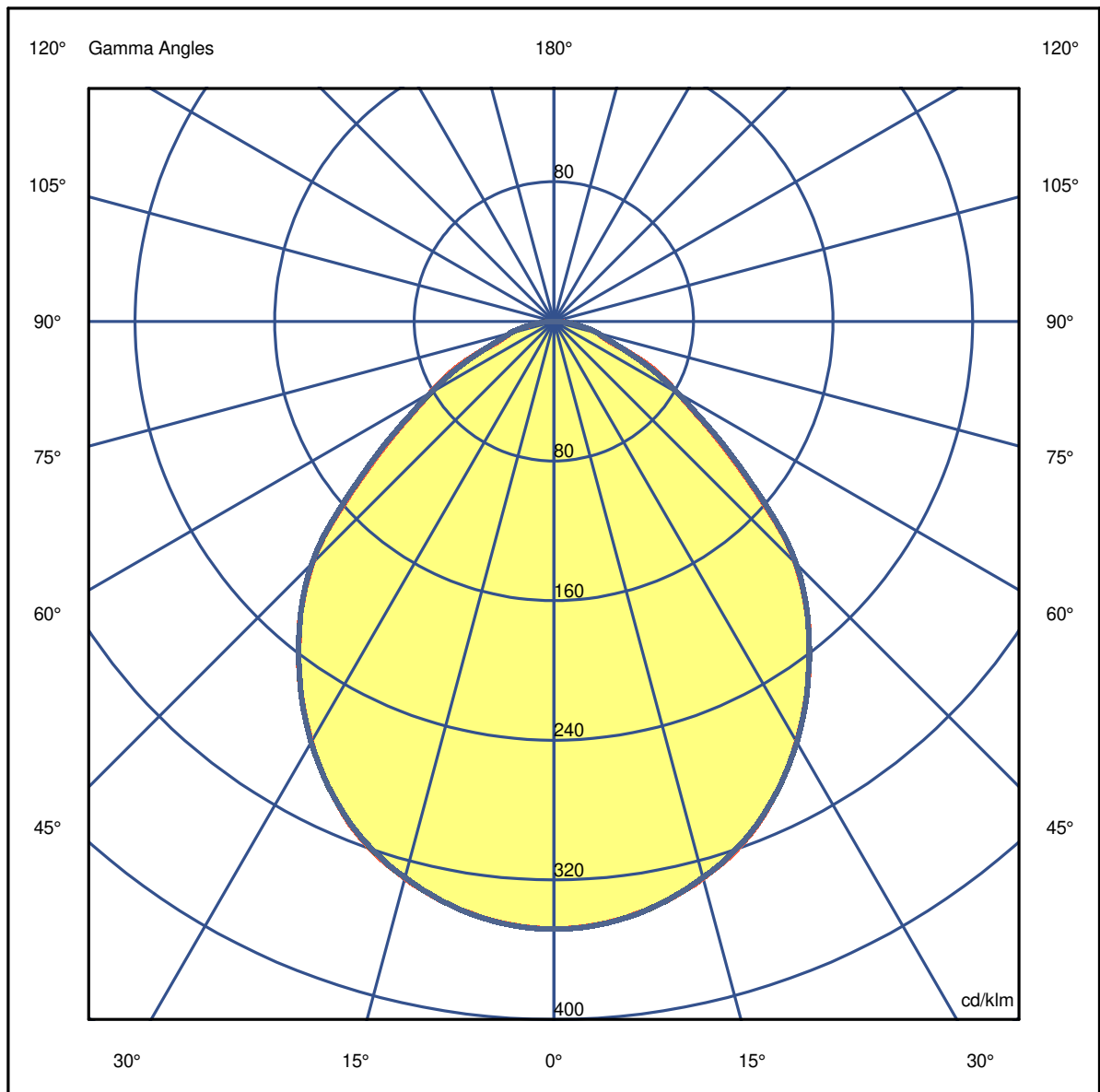
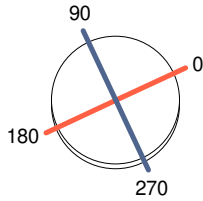
Code 4/8/2023
Name ROFY 85 D1150 GCONTROL+ 840 LO

Luminaire Flux	12808 lm	Luminaire Power	89.2 W	Efficacy	143.525 lm/W	Efficiency	75.70%
Source Flux	16920 lm	Maximum value	348.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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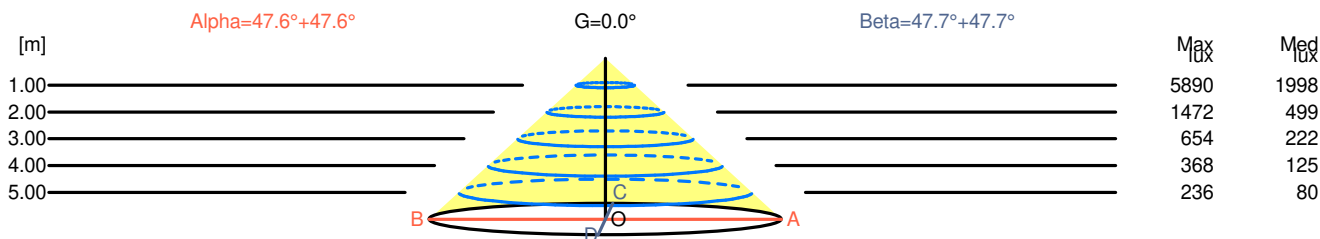
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Width at 50.00 % of Max Intensity

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	1.09	2.19	3.28	4.38	5.47	OC	1.10	2.20	3.30	4.40	5.50
OB	1.09	2.19	3.28	4.38	5.47	OD	1.10	2.20	3.30	4.40	5.50

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5889.85	5852.63	5586.98	5070.92	4290.91	3316.32	1866.28	1018.58	441.61	125.21
OB	5889.85	5852.63	5586.98	5070.92	4290.91	3316.32	1866.28	1018.58	441.61	125.21
OC	5889.85	5856.01	5580.22	5069.23	4290.91	3321.40	1900.12	972.90	445.00	125.21
OD	5889.85	5856.01	5580.22	5069.23	4290.91	3321.40	1900.12	972.90	445.00	125.21



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	5890	1998			
2.00	4.38	1472	499			
3.00	6.57	654	222			
4.00	8.76	368	125			
5.00	10.95	236	80			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	5890	1998			
2.00	4.40	1472	499			
3.00	6.60	654	222			
4.00	8.79	368	125			
5.00	10.99	236	80			

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Source Flux	16920 lm	Maximum value	348.10 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	15.9	17.0	16.2	17.2	17.5	15.9	17.1	16.2	17.3	17.5
x=2H y=3H	16.5	17.6	16.9	17.8	18.1	16.5	17.6	16.8	17.8	18.1
x=2H y=4H	16.8	17.8	17.1	18.0	18.3	16.8	17.7	17.1	18.0	18.3
x=2H y=6H	17.0	17.9	17.3	18.2	18.5	17.0	17.9	17.3	18.2	18.4
x=2H y=8H	17.0	17.9	17.4	18.2	18.5	17.0	17.9	17.4	18.2	18.5
x=2H y=12H	17.0	17.9	17.4	18.2	18.5	17.0	17.8	17.4	18.2	18.5
x=4H y=2H	16.0	17.0	16.4	17.3	17.6	16.1	17.0	16.4	17.3	17.6
x=4H y=3H	16.9	17.7	17.2	18.0	18.4	16.9	17.7	17.2	18.0	18.3
x=4H y=4H	17.2	17.9	17.6	18.3	18.7	17.2	17.9	17.6	18.3	18.6
x=4H y=6H	17.5	18.2	18.0	18.5	18.9	17.5	18.1	17.9	18.5	18.9
x=4H y=8H	17.6	18.2	18.1	18.6	19.0	17.6	18.2	18.0	18.6	19.0
x=4H y=12H	17.7	18.2	18.1	18.6	19.0	17.7	18.2	18.1	18.6	19.0
x=8H y=4H	17.3	17.9	17.7	18.3	18.7	17.3	17.9	17.7	18.3	18.7
x=8H y=6H	17.7	18.2	18.2	18.6	19.1	17.7	18.2	18.2	18.6	19.1
x=8H y=8H	17.9	18.3	18.4	18.8	19.3	17.9	18.3	18.4	18.8	19.2
x=8H y=12H	18.0	18.4	18.5	18.8	19.3	18.0	18.4	18.5	18.8	19.3
x=12H y=4H	17.3	17.8	17.8	18.2	18.7	17.3	17.8	17.7	18.2	18.6
x=12H y=6H	17.8	18.2	18.2	18.6	19.1	17.8	18.2	18.2	18.6	19.1
x=12H y=8H	18.0	18.3	18.4	18.8	19.3	17.9	18.3	18.4	18.8	19.3

Luminaire

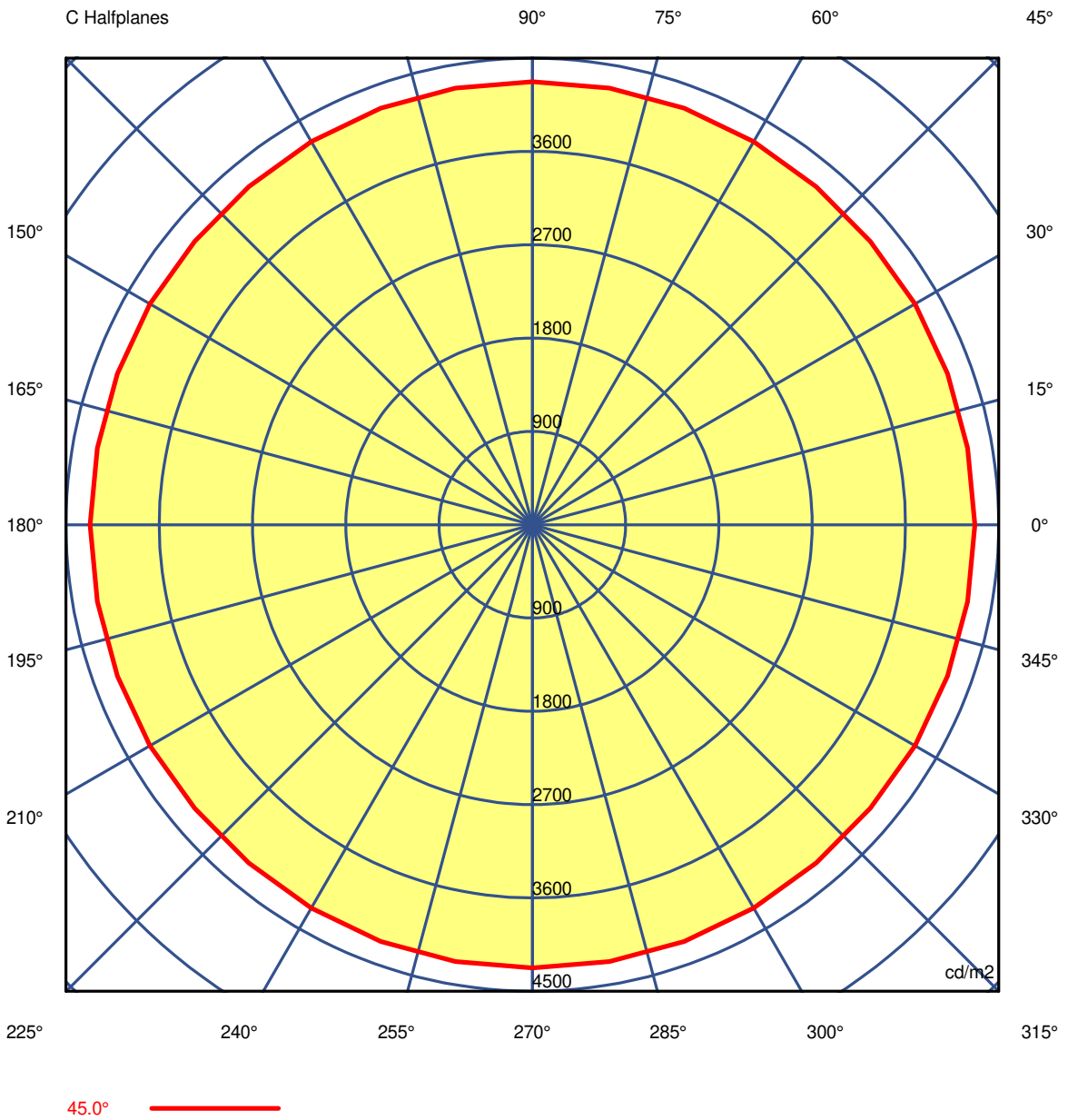
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Source Flux	16920 lm	Maximum value	348.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	16920 lm	Maximum value	348.10 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	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873
G 5.0	5809	5808	5808	5808	5808	5808	5808	5806	5807	5813	5807	5806	5808
G 10.0	5721	5723	5723	5721	5720	5720	5720	5718	5719	5723	5719	5718	5720
G 15.0	5623	5621	5618	5613	5610	5609	5610	5610	5613	5616	5613	5610	5610
G 20.0	5508	5501	5490	5477	5471	5470	5472	5482	5492	5500	5492	5482	5472
G 25.0	5341	5337	5329	5321	5320	5319	5319	5323	5330	5339	5330	5323	5319
G 30.0	5138	5133	5134	5141	5151	5154	5145	5132	5130	5141	5130	5132	5145
G 35.0	4895	4898	4904	4920	4935	4939	4928	4907	4898	4895	4898	4907	4928
G 40.0	4624	4626	4631	4640	4649	4652	4646	4636	4628	4621	4628	4636	4646
G 45.0	4268	4262	4261	4261	4256	4257	4268	4277	4279	4274	4279	4277	4268
G 50.0	3550	3614	3650	3602	3454	3456	3609	3667	3644	3593	3644	3667	3609
G 55.0	2854	3066	2972	2613	2332	2311	2575	2968	3100	2906	3100	2968	2575
G 60.0	2367	2360	2183	1832	1878	1900	1896	2204	2358	2367	2358	2204	1896
G 65.0	1994	1943	1768	1514	1628	1654	1553	1741	1871	1904	1871	1741	1553
G 70.0	1363	1496	1530	1441	1307	1297	1410	1486	1485	1429	1485	1486	1410
G 75.0	1253	1293	1228	1129	1156	1157	1129	1220	1286	1263	1286	1220	1129
G 80.0	988	1045	1092	1108	1083	1085	1114	1103	1057	995	1057	1103	1114
G 85.0	684	779	858	869	780	782	869	844	763	684	763	844	869
G 90.0	141	141	141	141	141	141	141	141	141	141	141	141	141

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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	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873
G 5.0	5808	5808	5808	5808	5808	5808	5808	5808	5808	5808	5808	5808	5808
G 10.0	5720	5720	5721	5723	5723	5723	5723	5723	5721	5720	5720	5720	5718
G 15.0	5609	5610	5613	5618	5621	5623	5621	5618	5613	5610	5609	5610	5610
G 20.0	5470	5471	5477	5490	5501	5508	5501	5490	5477	5471	5470	5472	5482
G 25.0	5319	5320	5321	5329	5337	5341	5337	5329	5321	5320	5319	5319	5323
G 30.0	5154	5151	5141	5134	5133	5138	5133	5134	5141	5151	5154	5145	5132
G 35.0	4939	4935	4920	4904	4898	4895	4898	4904	4920	4935	4939	4928	4907
G 40.0	4652	4649	4640	4631	4626	4624	4626	4631	4640	4649	4652	4646	4636
G 45.0	4257	4256	4261	4261	4262	4268	4262	4261	4261	4256	4257	4268	4277
G 50.0	3456	3454	3602	3650	3614	3550	3614	3650	3602	3454	3456	3609	3667
G 55.0	2311	2332	2613	2972	3066	2854	3066	2972	2613	2332	2311	2575	2968
G 60.0	1900	1878	1832	2183	2360	2367	2360	2183	1832	1878	1900	1896	2204
G 65.0	1654	1628	1514	1768	1943	1994	1943	1768	1514	1628	1654	1553	1741
G 70.0	1297	1307	1441	1530	1496	1363	1496	1530	1441	1307	1297	1410	1486
G 75.0	1157	1156	1129	1228	1293	1253	1293	1228	1129	1156	1157	1129	1220
G 80.0	1085	1083	1108	1092	1045	988	1045	1092	1108	1083	1085	1114	1103
G 85.0	782	780	869	858	779	684	779	858	869	780	782	869	844
G 90.0	141	141	141	141	141	141	141	141	141	141	141	141	141

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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	5873	5873	5873	5873	5873	5873	5873	5873	5873	5873
G 5.0	5807	5813	5807	5806	5808	5808	5808	5808	5808	5808
G 10.0	5719	5723	5719	5718	5720	5720	5720	5721	5723	5723
G 15.0	5613	5616	5613	5610	5610	5609	5610	5613	5618	5621
G 20.0	5492	5500	5492	5482	5472	5470	5471	5477	5490	5501
G 25.0	5330	5339	5330	5323	5319	5319	5320	5321	5329	5337
G 30.0	5130	5141	5130	5132	5145	5154	5151	5141	5134	5133
G 35.0	4898	4895	4898	4907	4928	4939	4935	4920	4904	4898
G 40.0	4628	4621	4628	4636	4646	4652	4649	4640	4631	4626
G 45.0	4279	4274	4279	4277	4268	4257	4256	4261	4261	4262
G 50.0	3644	3593	3644	3667	3609	3456	3454	3602	3650	3614
G 55.0	3100	2906	3100	2968	2575	2311	2332	2613	2972	3066
G 60.0	2358	2367	2358	2204	1896	1900	1878	1832	2183	2360
G 65.0	1871	1904	1871	1741	1553	1654	1628	1514	1768	1943
G 70.0	1485	1429	1485	1486	1410	1297	1307	1441	1530	1496
G 75.0	1286	1263	1286	1220	1129	1157	1156	1129	1228	1293
G 80.0	1057	995	1057	1103	1114	1085	1083	1108	1092	1045
G 85.0	763	684	763	844	869	782	780	869	858	779
G 90.0	141	141	141	141	141	141	141	141	141	141