

Luminaire

Code 90588L400

Name ROFY 60 D/I D0400 GCONTROL+ 840 LO

Measurem.

Code 4/8/2023

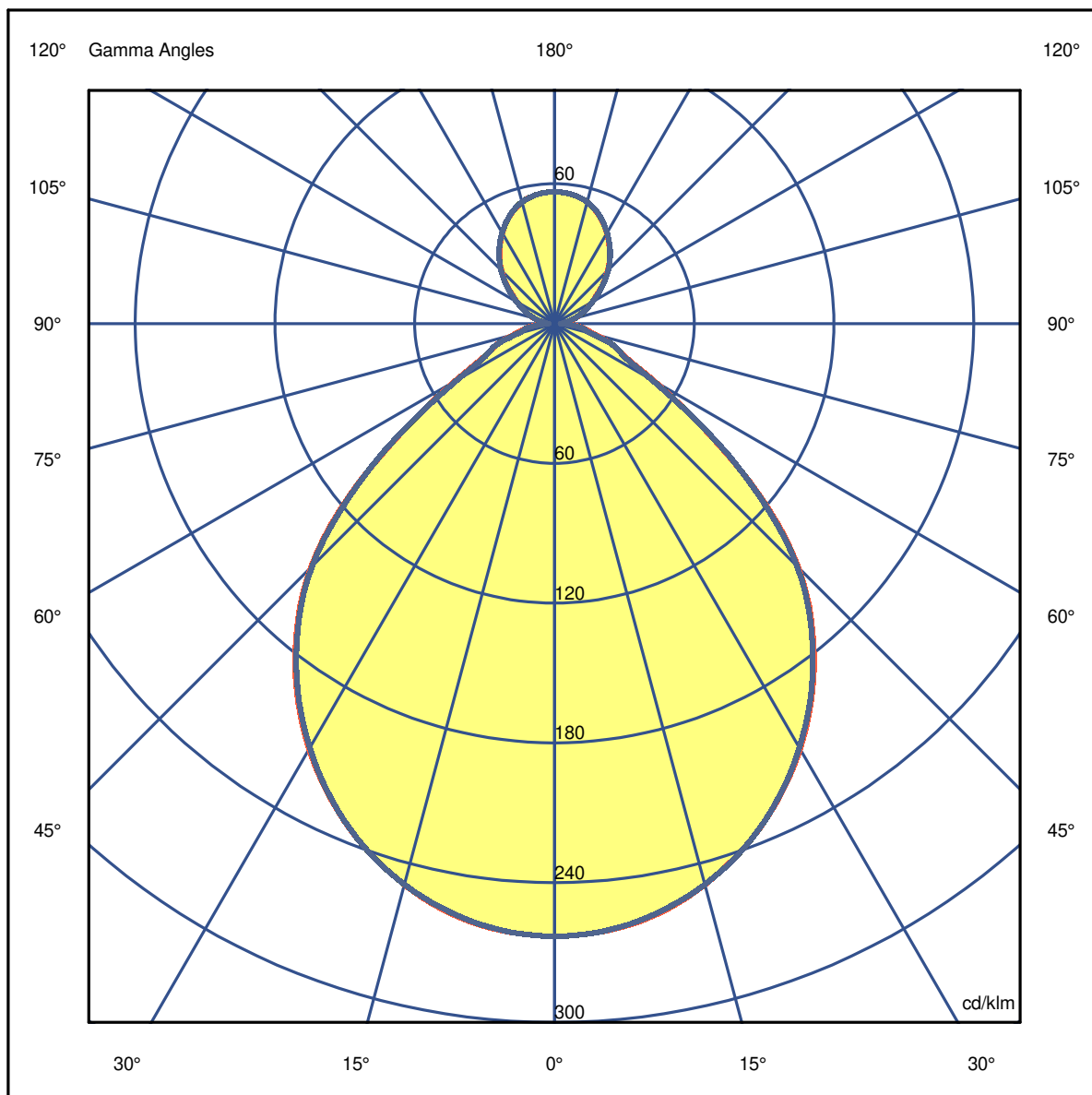
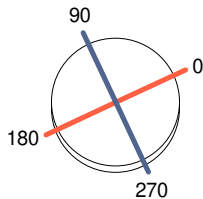
Name ROFY 60 D/I D0400 GCONTROL+ 840 LO

Luminaire Flux	2822 lm	Luminaire Power	22.1 W	Efficacy	127.623 lm/W	Efficiency	71.58%
Source Flux	3942 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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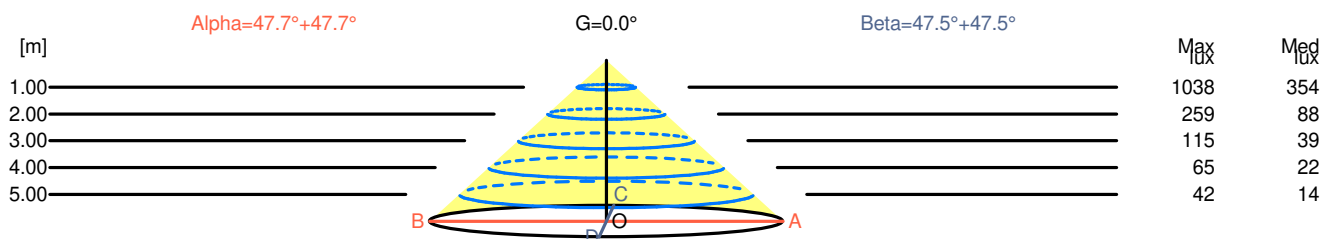
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Width at 50.00 % of Max Intensity

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	1.10	2.20	3.29	4.39	5.49	OC	1.09	2.18	3.27	4.37	5.46
OB	1.10	2.20	3.29	4.39	5.49	OD	1.09	2.18	3.27	4.37	5.46

	0	5	15	25	35	45	55	65	75	85
OA	1037.53	1030.83	982.74	891.29	760.81	583.81	305.90	130.87	71.35	33.90
OB	1037.53	1030.83	982.74	891.29	760.81	583.81	305.90	130.87	71.35	33.90
OC	1037.53	1030.44	982.35	890.50	757.65	580.26	309.45	128.51	64.25	27.99
OD	1037.53	1030.44	982.35	890.50	757.65	580.26	309.45	128.51	64.25	27.99



H[m]	D[m]	Max lux	Med lux	Alpha=47.7°+47.7°	G=0.0	
1.00	2.20	1038	354			
2.00	4.39	259	88			
3.00	6.59	115	39			
4.00	8.78	65	22			
5.00	10.98	42	14			

H[m]	D[m]	Max lux	Med lux	Beta=47.5°+47.5°	G=0.0	
1.00	2.18	1038	354			
2.00	4.37	259	88			
3.00	6.55	115	39			
4.00	8.73	65	22			
5.00	10.92	42	14			

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Source Flux	3942 lm	Maximum value	263.20 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	15.0	16.0	15.6	16.5	17.1	15.6	16.6	16.2	17.1	17.7
x=2H y=3H	15.4	16.3	16.0	16.8	17.5	16.2	17.0	16.8	17.6	18.2
x=2H y=4H	15.5	16.3	16.2	16.9	17.6	16.3	17.1	16.9	17.7	18.3
x=2H y=6H	15.7	16.4	16.3	17.0	17.7	16.4	17.1	17.0	17.7	18.4
x=2H y=8H	15.7	16.4	16.4	17.1	17.8	16.4	17.1	17.0	17.7	18.4
x=2H y=12H	15.8	16.4	16.4	17.0	17.8	16.4	17.1	17.1	17.7	18.4
x=4H y=2H	15.2	16.0	15.8	16.6	17.2	15.8	16.5	16.4	17.1	17.8
x=4H y=3H	15.7	16.4	16.4	17.0	17.8	16.4	17.1	17.1	17.7	18.4
x=4H y=4H	16.0	16.6	16.6	17.2	18.0	16.7	17.2	17.3	17.9	18.7
x=4H y=6H	16.2	16.7	16.9	17.4	18.2	16.8	17.3	17.5	18.0	18.8
x=4H y=8H	16.3	16.8	17.0	17.4	18.3	16.9	17.3	17.6	18.0	18.8
x=4H y=12H	16.4	16.8	17.1	17.5	18.3	16.9	17.3	17.6	18.0	18.8
x=8H y=4H	16.0	16.5	16.7	17.2	18.0	16.6	17.1	17.4	17.8	18.6
x=8H y=6H	16.3	16.7	17.1	17.4	18.3	16.9	17.3	17.6	18.0	18.8
x=8H y=8H	16.5	16.8	17.2	17.6	18.4	17.0	17.3	17.7	18.0	18.9
x=8H y=12H	16.6	16.9	17.4	17.6	18.5	17.0	17.3	17.8	18.1	19.0
x=12H y=4H	16.0	16.4	16.7	17.1	17.9	16.6	17.0	17.3	17.7	18.6
x=12H y=6H	16.3	16.7	17.1	17.4	18.2	16.9	17.2	17.6	17.9	18.8
x=12H y=8H	16.5	16.8	17.3	17.6	18.5	17.0	17.3	17.8	18.0	18.9

Luminaire

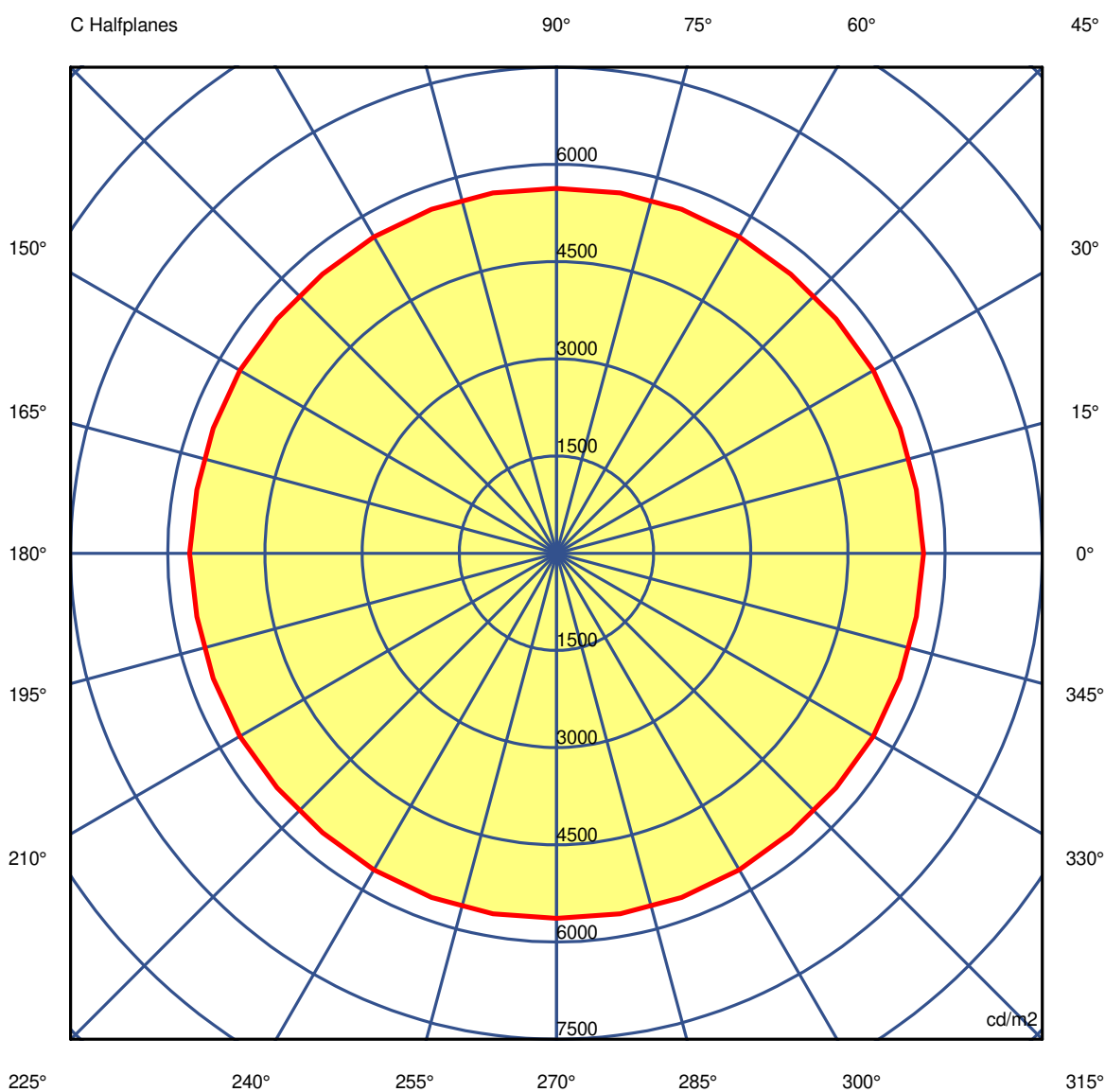
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Source Flux	3942 lm	Maximum value	263.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Source Flux		3942 lm		Maximum value		263.20 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	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148
G 5.0	8902	8902	8905	8912	8914	8911	8909	8909	8907	8899	8907	8909	8909	8909	8909
G 10.0	8640	8629	8628	8637	8644	8640	8630	8632	8632	8624	8632	8632	8632	8630	8630
G 15.0	8335	8330	8328	8335	8350	8355	8348	8348	8345	8332	8345	8348	8348	8348	8348
G 20.0	8010	7996	7995	8007	8024	8043	8054	8048	8031	8010	8031	8048	8054	8054	8054
G 25.0	7655	7640	7640	7651	7663	7674	7678	7668	7656	7648	7656	7668	7678	7678	7678
G 30.0	7266	7271	7274	7269	7255	7246	7245	7240	7239	7245	7239	7240	7245	7245	7245
G 35.0	6828	6848	6852	6835	6801	6774	6764	6769	6782	6799	6782	6769	6764	6764	6764
G 40.0	6314	6317	6315	6306	6294	6273	6251	6247	6260	6284	6260	6247	6251	6251	6251
G 45.0	5666	5640	5639	5647	5631	5625	5639	5650	5647	5632	5647	5650	5639	5639	5639
G 50.0	4651	4399	4364	4514	4615	4626	4627	4712	4726	4619	4726	4712	4627	4627	4627
G 55.0	3343	2868	2772	3132	3649	3765	3614	3800	3793	3382	3793	3800	3614	3614	3614
G 60.0	2295	2273	2199	2183	2524	2767	2807	2915	2746	2225	2746	2915	2807	2807	2807
G 65.0	1695	1916	1879	1736	1891	2135	2298	2361	2143	1665	2143	2361	2298	2298	2298
G 70.0	1511	1410	1439	1534	1507	1446	1522	1799	1833	1517	1833	1799	1522	1522	1522
G 75.0	1178	1154	1162	1172	1132	1151	1263	1369	1304	1061	1304	1369	1263	1263	1263
G 80.0	1010	1033	1044	1033	997	945	926	985	1011	964	1011	985	926	926	926
G 85.0	806	699	708	769	706	591	534	583	643	665	643	583	534	534	534
G 90.0	427	421	407	391	384	368	342	323	313	305	313	323	342	342	342

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Source Flux	3942 lm		Maximum value		263.20 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	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148	
G 5.0	8911	8914	8912	8905	8902	8902	8902	8905	8912	8914	8911	8909	8909	
G 10.0	8640	8644	8637	8628	8629	8640	8629	8628	8637	8644	8640	8630	8632	
G 15.0	8355	8350	8335	8328	8330	8335	8330	8328	8335	8350	8355	8348	8348	
G 20.0	8043	8024	8007	7995	7996	8010	7996	7995	8007	8024	8043	8054	8048	
G 25.0	7674	7663	7651	7640	7640	7655	7640	7640	7651	7663	7674	7678	7668	
G 30.0	7246	7255	7269	7274	7271	7266	7271	7274	7269	7255	7246	7245	7240	
G 35.0	6774	6801	6835	6852	6848	6828	6848	6852	6835	6801	6774	6764	6769	
G 40.0	6273	6294	6306	6315	6317	6314	6317	6315	6306	6294	6273	6251	6247	
G 45.0	5625	5631	5647	5639	5640	5666	5640	5639	5647	5631	5625	5639	5650	
G 50.0	4626	4615	4514	4364	4399	4651	4399	4364	4514	4615	4626	4627	4712	
G 55.0	3765	3649	3132	2772	2868	3343	2868	2772	3132	3649	3765	3614	3800	
G 60.0	2767	2524	2183	2199	2273	2295	2273	2199	2183	2524	2767	2807	2915	
G 65.0	2135	1891	1736	1879	1916	1695	1916	1879	1736	1891	2135	2298	2361	
G 70.0	1446	1507	1534	1439	1410	1511	1410	1439	1534	1507	1446	1522	1799	
G 75.0	1151	1132	1172	1162	1154	1178	1154	1162	1172	1132	1151	1263	1369	
G 80.0	945	997	1033	1044	1033	1010	1033	1044	1033	997	945	926	985	
G 85.0	591	706	769	708	699	806	699	708	769	706	591	534	583	
G 90.0	368	384	391	407	421	427	421	407	391	384	368	342	323	

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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	9148	9148	9148	9148	9148	9148	9148	9148	9148	9148
G 5.0	8907	8899	8907	8909	8909	8911	8914	8912	8905	8902
G 10.0	8632	8624	8632	8632	8630	8640	8644	8637	8628	8629
G 15.0	8345	8332	8345	8348	8348	8355	8350	8335	8328	8330
G 20.0	8031	8010	8031	8048	8054	8043	8024	8007	7995	7996
G 25.0	7656	7648	7656	7668	7678	7674	7663	7651	7640	7640
G 30.0	7239	7245	7239	7240	7245	7246	7255	7269	7274	7271
G 35.0	6782	6799	6782	6769	6764	6774	6801	6835	6852	6848
G 40.0	6260	6284	6260	6247	6251	6273	6294	6306	6315	6317
G 45.0	5647	5632	5647	5650	5639	5625	5631	5647	5639	5640
G 50.0	4726	4619	4726	4712	4627	4626	4615	4514	4364	4399
G 55.0	3793	3382	3793	3800	3614	3765	3649	3132	2772	2868
G 60.0	2746	2225	2746	2915	2807	2767	2524	2183	2199	2273
G 65.0	2143	1665	2143	2361	2298	2135	1891	1736	1879	1916
G 70.0	1833	1517	1833	1799	1522	1446	1507	1534	1439	1410
G 75.0	1304	1061	1304	1369	1263	1151	1132	1172	1162	1154
G 80.0	1011	964	1011	985	926	945	997	1033	1044	1033
G 85.0	643	665	643	583	534	591	706	769	708	699
G 90.0	313	305	313	323	342	368	384	391	407	421