

Luminaire

Code 90633L400

Name ROFY 85 D/I D0400 GCONTROL+ 830 LO

Measurem.

Code 4/8/2023

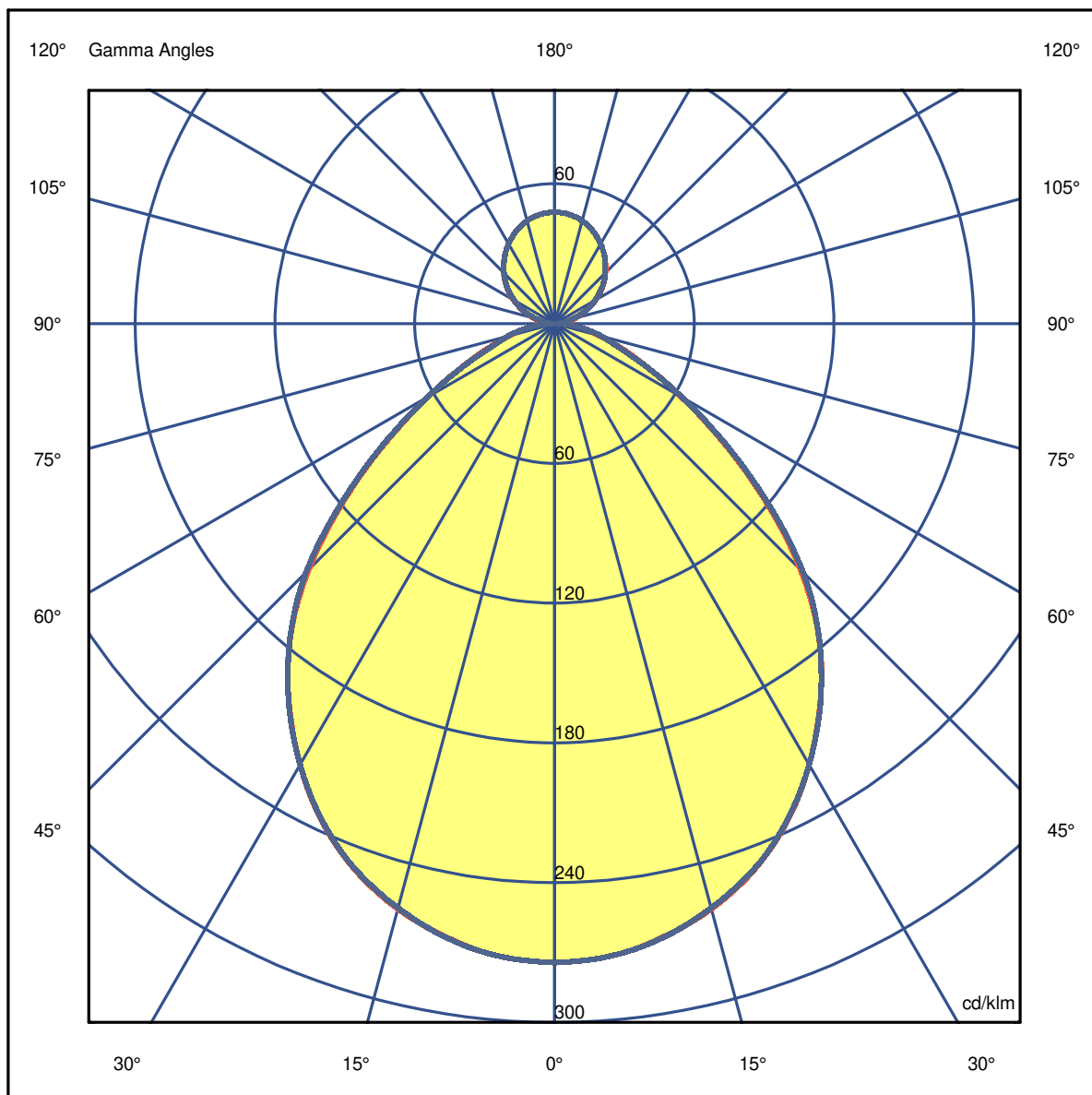
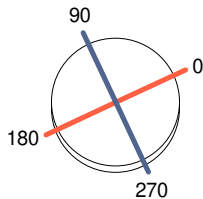
Name ROFY 85 D/I D0400 GCONTROL+ 830 LO

Luminaire Flux	2742 lm	Luminaire Power	22.1 W	Efficacy	124.014 lm/W	Efficiency	72.77%
Source Flux	3768 lm	Maximum value	274.30 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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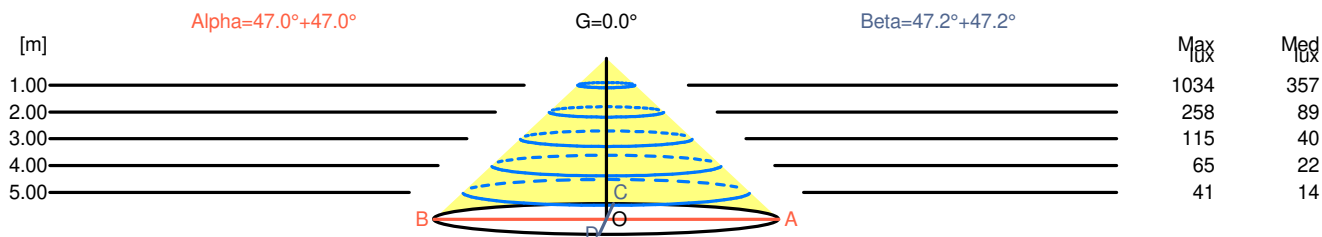
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Width at 50.00 % of Max Intensity

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	1.07	2.14	3.22	4.29	5.36	OC	1.08	2.16	3.24	4.32	5.40
OB	1.07	2.14	3.22	4.29	5.36	OD	1.08	2.16	3.24	4.32	5.40

	0	5	15	25	35	45	55	65	75	85
OA	1033.56	1027.16	980.06	889.25	749.08	562.94	331.96	164.66	75.74	23.36
OB	1033.56	1027.16	980.06	889.25	749.08	562.94	331.96	164.66	75.74	23.36
OC	1033.56	1027.16	978.55	888.49	749.83	568.59	334.98	162.78	78.75	22.98
OD	1033.56	1027.16	978.55	888.49	749.83	568.59	334.98	162.78	78.75	22.98



H[m]	D[m]	Max lux	Med lux	Alpha=47.0°+47.0°	G=0.0
1.00	2.14	1034	357		
2.00	4.29	258	89		
3.00	6.43	115	40		
4.00	8.58	65	22		
5.00	10.72	41	14		

H[m]	D[m]	Max lux	Med lux	Beta=47.2°+47.2°	G=0.0
1.00	2.16	1034	357		
2.00	4.32	258	89		
3.00	6.49	115	40		
4.00	8.65	65	22		
5.00	10.81	41	14		

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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	15.5	16.5	16.1	17.0	17.6	15.6	16.6	16.2	17.1	17.7
x=2H y=3H	16.1	16.9	16.6	17.5	18.1	16.2	17.1	16.8	17.6	18.3
x=2H y=4H	16.2	17.0	16.8	17.6	18.2	16.4	17.2	17.0	17.8	18.4
x=2H y=6H	16.3	17.1	16.9	17.6	18.3	16.5	17.3	17.1	17.9	18.5
x=2H y=8H	16.3	17.1	17.0	17.6	18.3	16.5	17.3	17.2	17.8	18.5
x=2H y=12H	16.3	17.0	16.9	17.6	18.3	16.5	17.2	17.1	17.8	18.5
x=4H y=2H	15.6	16.4	16.2	17.0	17.6	15.7	16.5	16.3	17.1	17.7
x=4H y=3H	16.2	16.9	16.9	17.5	18.2	16.4	17.1	17.0	17.7	18.4
x=4H y=4H	16.5	17.1	17.2	17.8	18.5	16.7	17.3	17.4	17.9	18.6
x=4H y=6H	16.7	17.2	17.4	17.9	18.7	16.9	17.4	17.6	18.1	18.9
x=4H y=8H	16.8	17.3	17.5	17.9	18.7	17.0	17.5	17.7	18.1	18.9
x=4H y=12H	16.8	17.2	17.5	17.9	18.7	17.0	17.4	17.7	18.1	18.9
x=8H y=4H	16.6	17.0	17.3	17.7	18.5	16.7	17.2	17.4	17.9	18.6
x=8H y=6H	16.9	17.2	17.6	17.9	18.7	17.0	17.4	17.8	18.1	18.9
x=8H y=8H	17.0	17.3	17.7	18.0	18.8	17.1	17.5	17.9	18.2	19.0
x=8H y=12H	17.0	17.3	17.8	18.0	18.9	17.2	17.5	17.9	18.2	19.1
x=12H y=4H	16.5	17.0	17.2	17.6	18.4	16.7	17.1	17.4	17.8	18.6
x=12H y=6H	16.8	17.2	17.6	17.9	18.7	17.0	17.4	17.8	18.1	18.9
x=12H y=8H	17.0	17.3	17.7	18.0	18.9	17.2	17.4	17.9	18.2	19.0

Luminaire

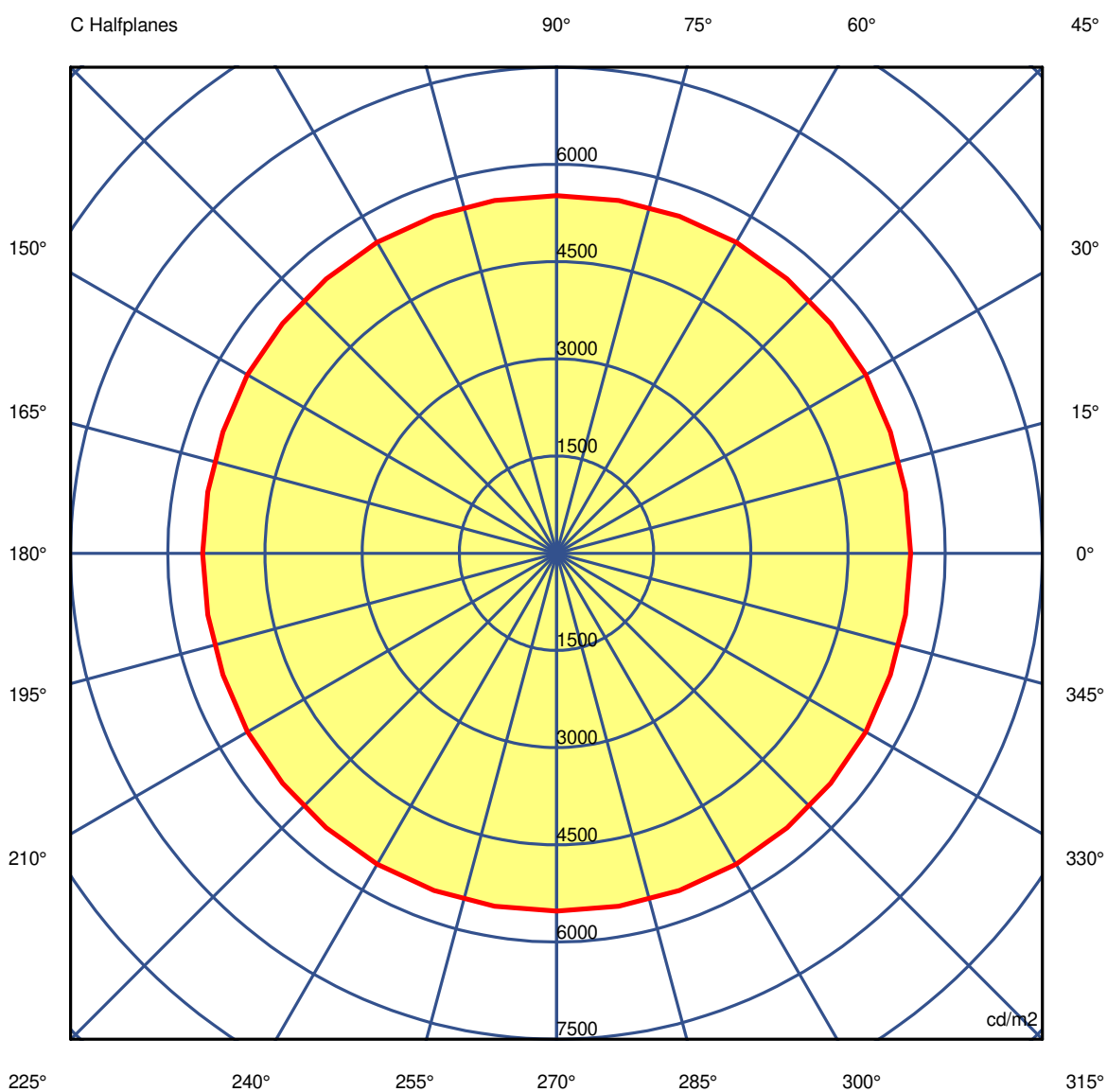
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Luminaire Flux	2742 lm	Luminaire Power	22.1 W	Efficacy	124.014 lm/W	Efficiency	72.77%
Source Flux	3768 lm	Maximum value	274.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

Code 90633L400
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Measurement

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Luminaire Flux	2742 lm		Luminaire Power		22.1 W		Efficacy		124.014 lm/W		Efficiency		72.77%	
Source Flux	3768 lm		Maximum value		274.30 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	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113	
G 5.0	8870	8870	8870	8870	8870	8870	8870	8865	8865	8870	8865	8865	8870	
G 10.0	8593	8599	8598	8593	8592	8595	8596	8592	8590	8596	8590	8592	8596	
G 15.0	8312	8308	8303	8296	8286	8285	8290	8287	8289	8299	8289	8287	8290	
G 20.0	8002	7993	7978	7961	7950	7948	7954	7967	7980	7993	7980	7967	7954	
G 25.0	7637	7627	7614	7598	7588	7585	7592	7609	7624	7631	7624	7609	7592	
G 30.0	7202	7195	7190	7192	7205	7206	7196	7194	7198	7202	7198	7194	7196	
G 35.0	6723	6717	6726	6750	6777	6781	6756	6728	6718	6729	6718	6728	6756	
G 40.0	6185	6193	6208	6227	6245	6247	6231	6209	6194	6189	6194	6209	6231	
G 45.0	5464	5469	5483	5511	5522	5531	5540	5538	5528	5519	5528	5538	5540	
G 50.0	4561	4540	4529	4422	4144	4151	4446	4576	4594	4600	4594	4576	4446	
G 55.0	3628	3792	3666	3204	2685	2716	3286	3770	3875	3661	3875	3770	3286	
G 60.0	2790	2953	2729	2292	2178	2210	2390	2887	3086	2812	3086	2887	2390	
G 65.0	2133	2246	2013	1698	1863	1871	1742	2125	2343	2108	2343	2125	1742	
G 70.0	1629	1716	1626	1471	1514	1495	1433	1713	1819	1570	1819	1713	1433	
G 75.0	1251	1263	1306	1344	1245	1219	1332	1427	1413	1301	1413	1427	1332	
G 80.0	980	980	1000	1046	1058	1046	1039	1044	1029	966	1029	1044	1039	
G 85.0	555	599	660	699	662	648	672	651	601	546	601	651	672	
G 90.0	338	321	310	280	199	146	140	125	111	105	111	125	140	

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Source Flux	3768 lm		Maximum value		274.30 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	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113	
G 5.0	8870	8870	8870	8870	8870	8870	8870	8870	8870	8870	8870	8870	8865	
G 10.0	8595	8592	8593	8598	8599	8593	8599	8598	8593	8592	8595	8596	8592	
G 15.0	8285	8286	8296	8303	8308	8312	8308	8303	8296	8286	8285	8290	8287	
G 20.0	7948	7950	7961	7978	7993	8002	7993	7978	7961	7950	7948	7954	7967	
G 25.0	7585	7588	7598	7614	7627	7637	7627	7614	7598	7588	7585	7592	7609	
G 30.0	7206	7205	7192	7190	7195	7202	7195	7190	7192	7205	7206	7196	7194	
G 35.0	6781	6777	6750	6726	6717	6723	6717	6726	6750	6777	6781	6756	6728	
G 40.0	6247	6245	6227	6208	6193	6185	6193	6208	6227	6245	6247	6231	6209	
G 45.0	5531	5522	5511	5483	5469	5464	5469	5483	5511	5522	5531	5540	5538	
G 50.0	4151	4144	4422	4529	4540	4561	4540	4529	4422	4144	4151	4446	4576	
G 55.0	2716	2685	3204	3666	3792	3628	3792	3666	3204	2685	2716	3286	3770	
G 60.0	2210	2178	2292	2729	2953	2790	2953	2729	2292	2178	2210	2390	2887	
G 65.0	1871	1863	1698	2013	2246	2133	2246	2013	1698	1863	1871	1742	2125	
G 70.0	1495	1514	1471	1626	1716	1629	1716	1626	1471	1514	1495	1433	1713	
G 75.0	1219	1245	1344	1306	1263	1251	1263	1306	1344	1245	1219	1332	1427	
G 80.0	1046	1058	1046	1000	980	980	980	1000	1046	1058	1046	1039	1044	
G 85.0	648	662	699	660	599	555	599	660	699	662	648	672	651	
G 90.0	146	199	280	310	321	338	321	310	280	199	146	140	125	

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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	9113	9113	9113	9113	9113	9113	9113	9113	9113	9113
G 5.0	8865	8870	8865	8865	8870	8870	8870	8870	8870	8870
G 10.0	8590	8596	8590	8592	8596	8595	8592	8593	8598	8599
G 15.0	8289	8299	8289	8287	8290	8285	8286	8296	8303	8308
G 20.0	7980	7993	7980	7967	7954	7948	7950	7961	7978	7993
G 25.0	7624	7631	7624	7609	7592	7585	7588	7598	7614	7627
G 30.0	7198	7202	7198	7194	7196	7206	7205	7192	7190	7195
G 35.0	6718	6729	6718	6728	6756	6781	6777	6750	6726	6717
G 40.0	6194	6189	6194	6209	6231	6247	6245	6227	6208	6193
G 45.0	5528	5519	5528	5538	5540	5531	5522	5511	5483	5469
G 50.0	4594	4600	4594	4576	4446	4151	4144	4422	4529	4540
G 55.0	3875	3661	3875	3770	3286	2716	2685	3204	3666	3792
G 60.0	3086	2812	3086	2887	2390	2210	2178	2292	2729	2953
G 65.0	2343	2108	2343	2125	1742	1871	1863	1698	2013	2246
G 70.0	1819	1570	1819	1713	1433	1495	1514	1471	1626	1716
G 75.0	1413	1301	1413	1427	1332	1219	1245	1344	1306	1263
G 80.0	1029	966	1029	1044	1039	1046	1058	1046	1000	980
G 85.0	601	546	601	651	672	648	662	699	660	599
G 90.0	111	105	111	125	140	146	199	280	310	321