

**Luminaire**

Code 90587L400  
Name ROFY 60 D/I D0400 GCONTROL+ 830 HO

**Measurem.**

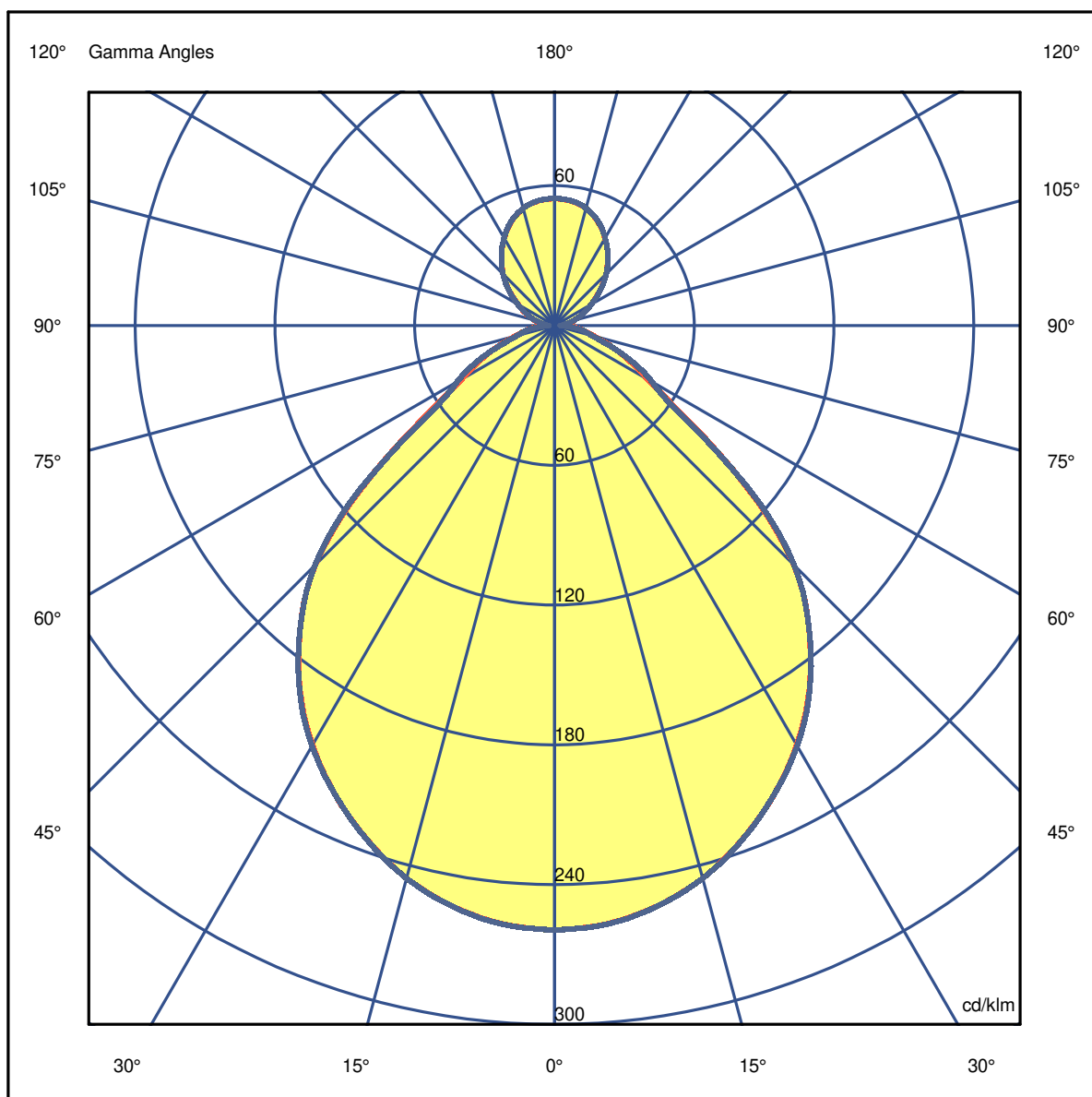
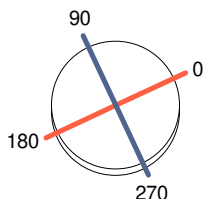
Code 26/7/2023  
Name ROFY 60 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3757 lm	Luminaire Power	31.7 W	Efficacy	118.375 lm/W	Efficiency	70.45%
Source Flux	5333 lm	Maximum value	259.40 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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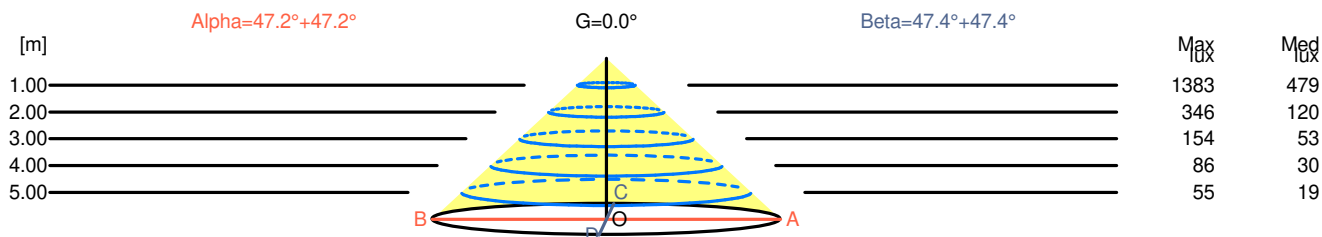
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Luminaire Flux	3757 lm	Luminaire Power	31.7 W	Efficacy	118.375 lm/W	Efficiency	70.45%
Source Flux	5333 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.08	2.16	3.25	4.33	5.41	OC	1.09	2.17	3.26	4.35	5.44
OB	1.08	2.16	3.25	4.33	5.41	OD	1.09	2.17	3.26	4.35	5.44

	0	5	15	25	35	45	55	65	75	85
OA	1383.38	1374.85	1309.78	1186.59	1016.47	774.88	359.98	188.25	92.79	43.20
OB	1383.38	1374.85	1309.78	1186.59	1016.47	774.88	359.98	188.25	92.79	43.20
OC	1383.38	1375.38	1309.78	1186.59	1018.60	775.95	347.18	197.85	88.53	35.73
OD	1383.38	1375.38	1309.78	1186.59	1018.60	775.95	347.18	197.85	88.53	35.73



H[m]	D[m]	Max lux	Med lux	Alpha=47.2°+47.2°	G=0.0	
1.00	2.16	1383	479			
2.00	4.33	346	120			
3.00	6.49	154	53			
4.00	8.65	86	30			
5.00	10.82	55	19			

H[m]	D[m]	Max lux	Med lux	Beta=47.4°+47.4°	G=0.0	
1.00	2.17	1383	479			
2.00	4.35	346	120			
3.00	6.52	154	53			
4.00	8.70	86	30			
5.00	10.87	55	19			

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Luminaire Flux	3757 lm	Luminaire Power	31.7 W	Efficacy	118.375 lm/W	Efficiency	70.45%
Source Flux	5333 lm	Maximum value	259.40 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	16.1	17.1	16.7	17.6	18.2	16.4	17.4	17.0	17.9	18.5
x=2H y=3H	16.5	17.4	17.1	17.9	18.6	16.8	17.6	17.4	18.2	18.8
x=2H y=4H	16.7	17.5	17.3	18.1	18.7	16.9	17.7	17.5	18.3	18.9
x=2H y=6H	16.8	17.5	17.4	18.1	18.8	16.9	17.7	17.6	18.3	19.0
x=2H y=8H	16.8	17.5	17.4	18.1	18.8	17.0	17.7	17.6	18.3	19.0
x=2H y=12H	16.8	17.5	17.5	18.1	18.8	17.0	17.6	17.6	18.3	19.0
x=4H y=2H	16.4	17.2	17.0	17.8	18.4	16.7	17.5	17.3	18.1	18.7
x=4H y=3H	16.9	17.6	17.5	18.2	18.9	17.2	17.9	17.9	18.5	19.2
x=4H y=4H	17.1	17.7	17.8	18.3	19.1	17.4	18.0	18.1	18.6	19.4
x=4H y=6H	17.3	17.8	18.0	18.5	19.2	17.6	18.1	18.3	18.7	19.5
x=4H y=8H	17.4	17.8	18.1	18.5	19.3	17.6	18.1	18.3	18.8	19.6
x=4H y=12H	17.4	17.8	18.1	18.5	19.4	17.7	18.1	18.4	18.8	19.6
x=8H y=4H	17.1	17.6	17.9	18.3	19.1	17.4	17.9	18.2	18.6	19.4
x=8H y=6H	17.4	17.8	18.2	18.5	19.4	17.7	18.1	18.4	18.8	19.6
x=8H y=8H	17.6	17.9	18.3	18.7	19.5	17.8	18.1	18.6	18.9	19.7
x=8H y=12H	17.7	18.0	18.5	18.7	19.6	17.9	18.2	18.6	18.9	19.8
x=12H y=4H	17.1	17.6	17.8	18.2	19.1	17.4	17.8	18.1	18.5	19.4
x=12H y=6H	17.5	17.8	18.2	18.5	19.4	17.7	18.0	18.4	18.8	19.6
x=12H y=8H	17.6	17.9	18.4	18.7	19.5	17.8	18.1	18.6	18.9	19.8

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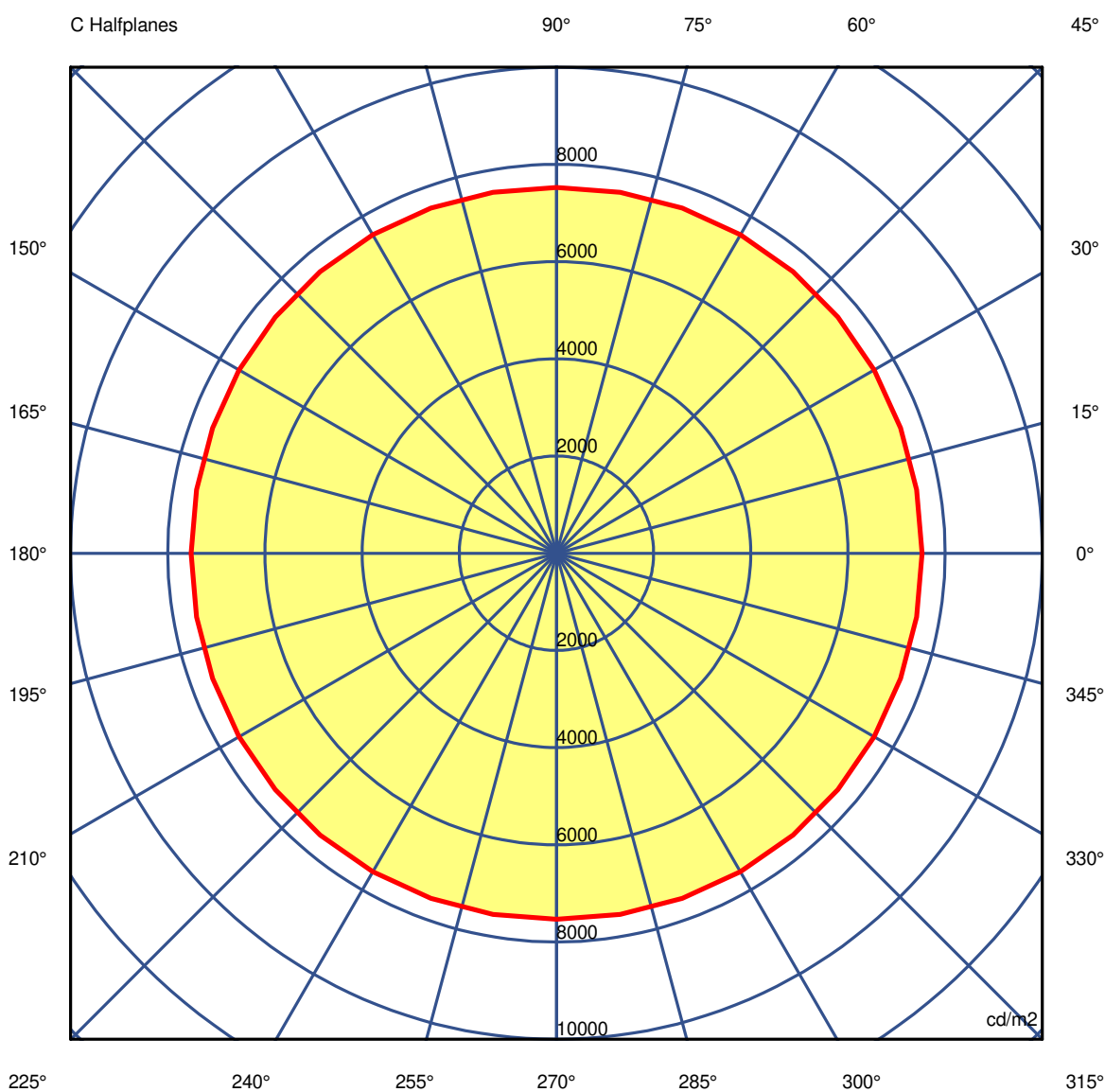
**Measurem.**

Code 26/7/2023

Name ROFY 60 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3757 lm	Luminaire Power	31.7 W	Efficacy	118.375 lm/W	Efficiency	70.45%
Source Flux	5333 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

**Luminaire**

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**Measurement**

Code 26/7/2023

Name ROFY 60 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3757 lm		Luminaire Power		31.7 W		Efficacy		118.375 lm/W		Efficiency		70.45%	
Source Flux	5333 lm		Maximum value		259.40 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	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198	
G 5.0	11873	11873	11873	11873	11877	11877	11873	11872	11874	11878	11874	11872	11873	
G 10.0	11503	11506	11507	11507	11511	11511	11507	11510	11512	11507	11512	11510	11507	
G 15.0	11109	11109	11111	11118	11121	11123	11122	11120	11115	11109	11115	11120	11122	
G 20.0	10655	10660	10670	10687	10710	10723	10719	10702	10681	10660	10681	10702	10719	
G 25.0	10191	10193	10199	10209	10225	10237	10237	10219	10202	10191	10202	10219	10237	
G 30.0	9694	9713	9703	9676	9676	9676	9676	9679	9689	9713	9689	9679	9676	
G 35.0	9122	9135	9118	9079	9057	9046	9046	9067	9102	9141	9102	9067	9046	
G 40.0	8418	8432	8427	8403	8378	8361	8363	8393	8417	8423	8417	8393	8363	
G 45.0	7521	7527	7535	7547	7562	7570	7567	7558	7545	7531	7545	7558	7567	
G 50.0	5866	5902	5995	6177	6301	6372	6368	6240	6075	5926	6075	6240	6368	
G 55.0	3934	3720	4070	4761	5038	5095	5094	4915	4462	3794	4462	4915	5094	
G 60.0	2916	2981	3060	3256	3655	3938	3854	3432	3112	3042	3112	3432	3854	
G 65.0	2438	2575	2510	2404	2852	3260	3150	2582	2316	2563	2316	2582	3150	
G 70.0	1959	1944	1885	1905	2286	2594	2507	2101	1926	1921	1926	2101	2507	
G 75.0	1532	1497	1413	1400	1636	1832	1779	1528	1393	1462	1393	1528	1779	
G 80.0	1294	1301	1340	1398	1432	1441	1419	1357	1302	1274	1302	1357	1419	
G 85.0	1027	1001	1006	1014	907	817	824	891	909	849	909	891	824	
G 90.0	561	550	540	528	509	478	446	434	421	396	421	434	446	

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Source Flux	5333 lm		Maximum value		259.40 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	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198	
G 5.0	11877	11877	11873	11873	11873	11873	11873	11873	11873	11877	11877	11873	11872	
G 10.0	11511	11511	11507	11507	11506	11503	11506	11507	11507	11511	11511	11507	11510	
G 15.0	11123	11121	11118	11111	11109	11109	11109	11111	11118	11121	11123	11122	11120	
G 20.0	10723	10710	10687	10670	10660	10655	10660	10670	10687	10710	10723	10719	10702	
G 25.0	10237	10225	10209	10199	10193	10191	10193	10199	10209	10225	10237	10237	10219	
G 30.0	9676	9676	9676	9703	9713	9694	9713	9703	9676	9676	9676	9676	9679	
G 35.0	9046	9057	9079	9118	9135	9122	9135	9118	9079	9057	9046	9046	9067	
G 40.0	8361	8378	8403	8427	8432	8418	8432	8427	8403	8378	8361	8363	8393	
G 45.0	7570	7562	7547	7535	7527	7521	7527	7535	7547	7562	7570	7567	7558	
G 50.0	6372	6301	6177	5995	5902	5866	5902	5995	6177	6301	6372	6368	6240	
G 55.0	5095	5038	4761	4070	3720	3934	3720	4070	4761	5038	5095	5094	4915	
G 60.0	3938	3655	3256	3060	2981	2916	2981	3060	3256	3655	3938	3854	3432	
G 65.0	3260	2852	2404	2510	2575	2438	2575	2510	2404	2852	3260	3150	2582	
G 70.0	2594	2286	1905	1885	1944	1959	1944	1885	1905	2286	2594	2507	2101	
G 75.0	1832	1636	1400	1413	1497	1532	1497	1413	1400	1636	1832	1779	1528	
G 80.0	1441	1432	1398	1340	1301	1294	1301	1340	1398	1432	1441	1419	1357	
G 85.0	817	907	1014	1006	1001	1027	1001	1006	1014	907	817	824	891	
G 90.0	478	509	528	540	550	561	550	540	528	509	478	446	434	

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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	12198	12198	12198	12198	12198	12198	12198	12198	12198	12198
G 5.0	11874	11878	11874	11872	11873	11877	11877	11873	11873	11873
G 10.0	11512	11507	11512	11510	11507	11511	11511	11507	11507	11506
G 15.0	11115	11109	11115	11120	11122	11123	11121	11118	11111	11109
G 20.0	10681	10660	10681	10702	10719	10723	10710	10687	10670	10660
G 25.0	10202	10191	10202	10219	10237	10237	10225	10209	10199	10193
G 30.0	9689	9713	9689	9679	9676	9676	9676	9676	9703	9713
G 35.0	9102	9141	9102	9067	9046	9046	9057	9079	9118	9135
G 40.0	8417	8423	8417	8393	8363	8361	8378	8403	8427	8432
G 45.0	7545	7531	7545	7558	7567	7570	7562	7547	7535	7527
G 50.0	6075	5926	6075	6240	6368	6372	6301	6177	5995	5902
G 55.0	4462	3794	4462	4915	5094	5095	5038	4761	4070	3720
G 60.0	3112	3042	3112	3432	3854	3938	3655	3256	3060	2981
G 65.0	2316	2563	2316	2582	3150	3260	2852	2404	2510	2575
G 70.0	1926	1921	1926	2101	2507	2594	2286	1905	1885	1944
G 75.0	1393	1462	1393	1528	1779	1832	1636	1400	1413	1497
G 80.0	1302	1274	1302	1357	1419	1441	1432	1398	1340	1301
G 85.0	909	849	909	891	824	817	907	1014	1006	1001
G 90.0	421	396	421	434	446	478	509	528	540	550