

Luminaire

Code 90583L600
Name ROFY 60 D0600 GCONTROL+ K3 830 HO

Measurem.

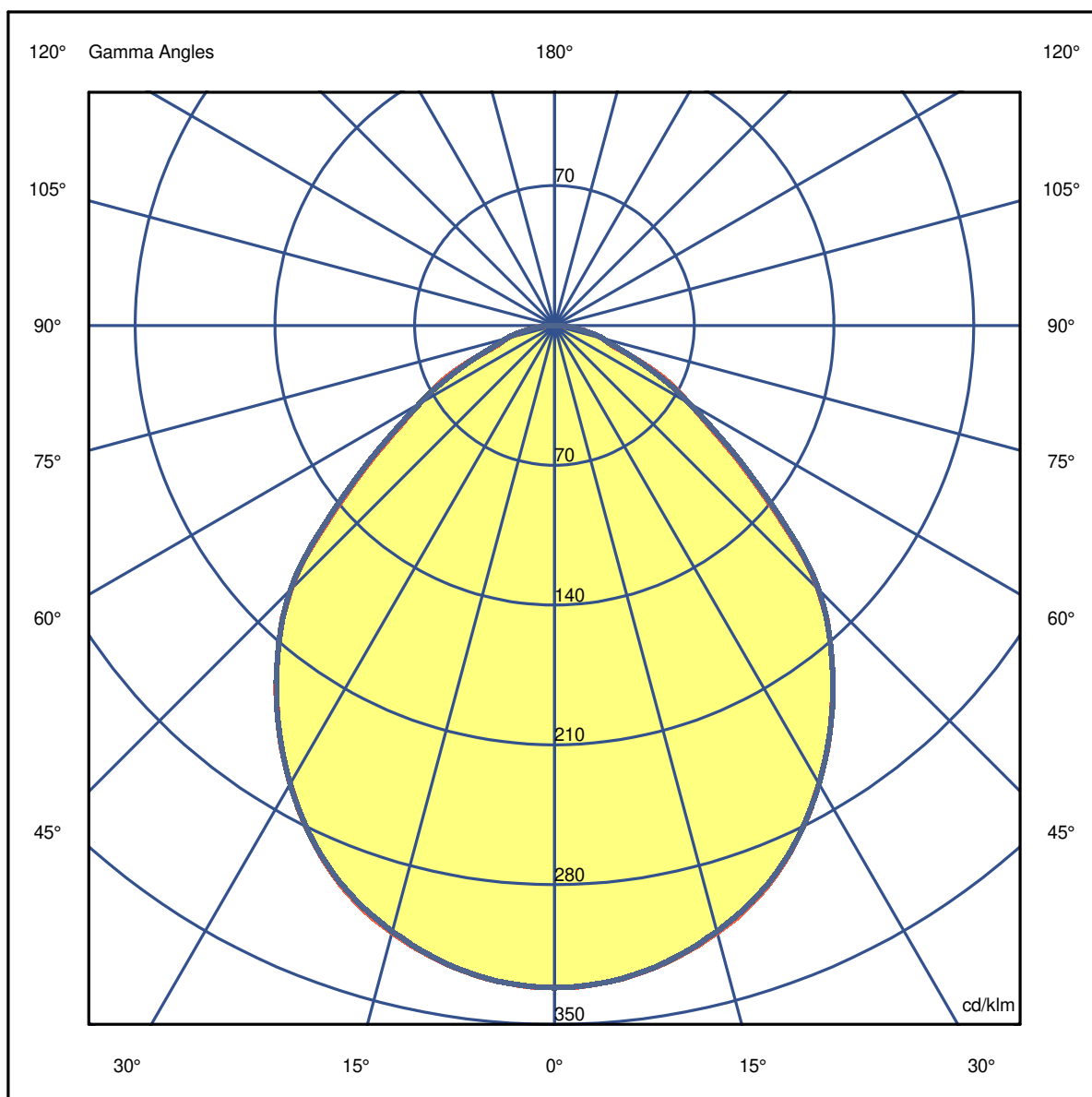
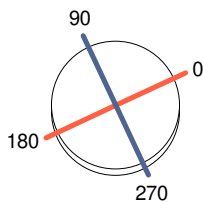
Code 4/8/2023
Name ROFY 60 D0600 GCONTROL+ K3 830 HO

Luminaire Flux	5693 lm	Luminaire Power	43.5 W	Efficacy	130.934 lm/W	Efficiency	72.14%
Source Flux	7892 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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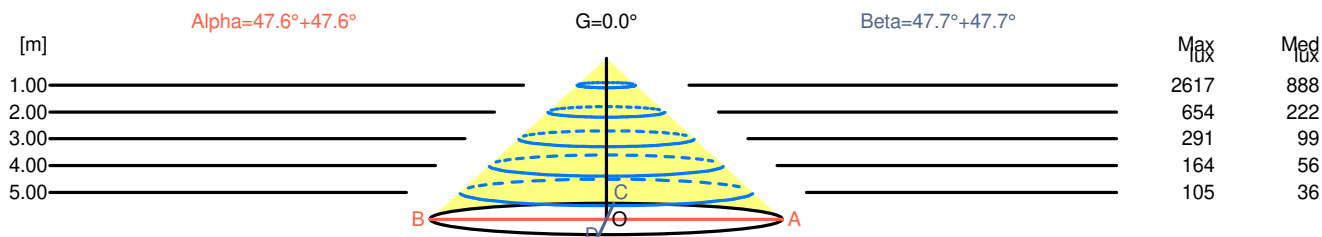
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Width at 50.00 % of Max Intensity

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

	0	5	15	25	35	45	55	65	75	85
OA	2616.99	2601.20	2482.82	2253.96	1905.92	1473.44	829.45	453.00	195.72	56.03
OB	2616.99	2601.20	2482.82	2253.96	1905.92	1473.44	829.45	453.00	195.72	56.03
OC	2616.99	2600.41	2479.67	2252.38	1906.71	1477.38	842.87	431.69	197.30	54.45
OD	2616.99	2600.41	2479.67	2252.38	1906.71	1477.38	842.87	431.69	197.30	54.45



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0
1.00	2.19	2617	888		
2.00	4.38	654	222		
3.00	6.57	291	99		
4.00	8.76	164	56		
5.00	10.95	105	36		

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0
1.00	2.20	2617	888		
2.00	4.40	654	222		
3.00	6.60	291	99		
4.00	8.79	164	56		
5.00	10.99	105	36		

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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	17.3	18.5	17.6	18.7	18.9	17.4	18.5	17.6	18.7	19.0
x=2H y=3H	18.0	19.0	18.3	19.3	19.5	18.0	19.0	18.3	19.2	19.5
x=2H y=4H	18.2	19.1	18.5	19.4	19.7	18.2	19.1	18.5	19.4	19.7
x=2H y=6H	18.3	19.2	18.7	19.5	19.8	18.3	19.2	18.7	19.5	19.8
x=2H y=8H	18.4	19.2	18.7	19.5	19.8	18.3	19.2	18.7	19.5	19.8
x=2H y=12H	18.4	19.2	18.7	19.5	19.8	18.4	19.2	18.7	19.5	19.8
x=4H y=2H	17.5	18.5	17.8	18.8	19.0	17.5	18.5	17.8	18.8	19.0
x=4H y=3H	18.3	19.1	18.6	19.4	19.7	18.3	19.1	18.6	19.4	19.7
x=4H y=4H	18.6	19.3	19.0	19.7	20.0	18.6	19.3	19.0	19.6	20.0
x=4H y=6H	18.9	19.5	19.3	19.9	20.3	18.8	19.5	19.3	19.8	20.2
x=4H y=8H	18.9	19.5	19.4	19.9	20.3	18.9	19.5	19.3	19.9	20.3
x=4H y=12H	19.0	19.5	19.4	19.9	20.3	18.9	19.5	19.4	19.9	20.3
x=8H y=4H	18.7	19.3	19.1	19.6	20.0	18.7	19.2	19.1	19.6	20.0
x=8H y=6H	19.0	19.5	19.5	19.9	20.4	19.0	19.5	19.5	19.9	20.4
x=8H y=8H	19.2	19.6	19.7	20.0	20.5	19.2	19.6	19.6	20.0	20.5
x=8H y=12H	19.3	19.6	19.7	20.1	20.6	19.2	19.6	19.7	20.1	20.6
x=12H y=4H	18.7	19.2	19.1	19.6	20.0	18.6	19.2	19.1	19.6	20.0
x=12H y=6H	19.0	19.5	19.5	19.9	20.4	19.0	19.4	19.5	19.9	20.4
x=12H y=8H	19.2	19.6	19.7	20.0	20.5	19.2	19.6	19.7	20.0	20.5

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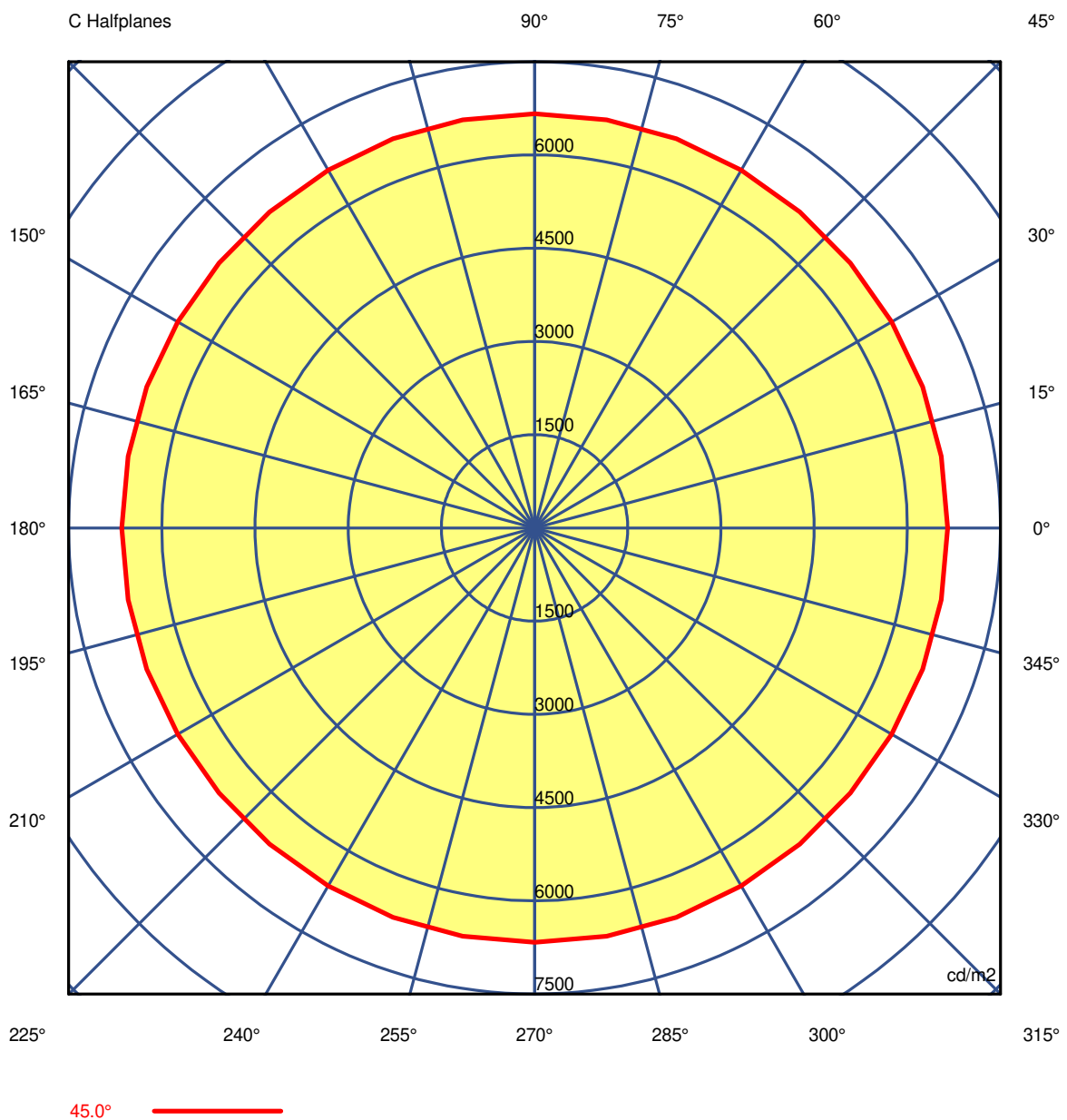
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Source Flux	7892 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Luminaire Flux	5693 lm	Luminaire Power	43.5 W	Efficacy	130.934 lm/W	Efficiency	72.14%						
Source Flux	7892 lm	Maximum value	331.60 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	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905
G 5.0	9724	9719	9720	9724	9725	9723	9721	9719	9719	9721	9719	9719	9721
G 10.0	9505	9505	9503	9500	9500	9498	9494	9495	9498	9500	9498	9495	9494
G 15.0	9265	9262	9256	9248	9243	9241	9242	9246	9250	9254	9250	9246	9242
G 20.0	9010	8995	8977	8960	8946	8940	8945	8963	8977	8983	8977	8963	8945
G 25.0	8659	8649	8641	8635	8627	8621	8623	8635	8646	8653	8646	8635	8623
G 30.0	8251	8246	8247	8261	8281	8283	8267	8252	8248	8248	8248	8252	8267
G 35.0	7789	7793	7806	7834	7855	7859	7844	7812	7796	7792	7796	7812	7844
G 40.0	7279	7285	7295	7313	7332	7334	7319	7306	7291	7272	7291	7306	7319
G 45.0	6647	6647	6644	6636	6631	6636	6650	6664	6669	6664	6669	6664	6650
G 50.0	5452	5563	5625	5547	5307	5302	5539	5631	5598	5524	5598	5631	5539
G 55.0	4322	4643	4497	3952	3537	3501	3886	4490	4695	4392	4695	4490	3886
G 60.0	3513	3504	3244	2727	2796	2829	2826	3277	3502	3517	3502	3277	2826
G 65.0	2898	2823	2570	2201	2360	2399	2261	2533	2717	2761	2717	2533	2261
G 70.0	1928	2107	2153	2032	1844	1828	1986	2094	2093	2015	2093	2094	1986
G 75.0	1687	1747	1661	1524	1558	1560	1524	1644	1732	1701	1732	1644	1524
G 80.0	1245	1313	1375	1404	1379	1380	1412	1396	1338	1262	1338	1396	1412
G 85.0	777	882	971	985	881	878	974	952	859	755	859	952	974
G 90.0	128	128	128	128	128	128	128	128	128	128	128	128	128

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Source Flux	7892 lm		Maximum value		331.60 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	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905	
G 5.0	9723	9725	9724	9720	9719	9724	9719	9720	9724	9725	9723	9721	9719	
G 10.0	9498	9500	9500	9503	9505	9505	9505	9503	9500	9500	9498	9494	9495	
G 15.0	9241	9243	9248	9256	9262	9265	9262	9256	9248	9243	9241	9242	9246	
G 20.0	8940	8946	8960	8977	8995	9010	8995	8977	8960	8946	8940	8945	8963	
G 25.0	8621	8627	8635	8641	8649	8659	8649	8641	8635	8627	8621	8623	8635	
G 30.0	8283	8281	8261	8247	8246	8251	8246	8247	8261	8281	8283	8267	8252	
G 35.0	7859	7855	7834	7806	7793	7789	7793	7806	7834	7855	7859	7844	7812	
G 40.0	7334	7332	7313	7295	7285	7279	7285	7295	7313	7332	7334	7319	7306	
G 45.0	6636	6631	6636	6644	6647	6647	6647	6644	6636	6631	6636	6650	6664	
G 50.0	5302	5307	5547	5625	5563	5452	5563	5625	5547	5307	5302	5539	5631	
G 55.0	3501	3537	3952	4497	4643	4322	4643	4497	3952	3537	3501	3886	4490	
G 60.0	2829	2796	2727	3244	3504	3513	3504	3244	2727	2796	2829	2826	3277	
G 65.0	2399	2360	2201	2570	2823	2898	2823	2570	2201	2360	2399	2261	2533	
G 70.0	1828	1844	2032	2153	2107	1928	2107	2153	2032	1844	1828	1986	2094	
G 75.0	1560	1558	1524	1661	1747	1687	1747	1661	1524	1558	1560	1524	1644	
G 80.0	1380	1379	1404	1375	1313	1245	1313	1375	1404	1379	1380	1412	1396	
G 85.0	878	881	985	971	882	777	882	971	985	881	878	974	952	
G 90.0	128	128	128	128	128	128	128	128	128	128	128	128	128	

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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	9905	9905	9905	9905	9905	9905	9905	9905	9905	9905
G 5.0	9719	9721	9719	9719	9721	9723	9725	9724	9720	9719
G 10.0	9498	9500	9498	9495	9494	9498	9500	9500	9503	9505
G 15.0	9250	9254	9250	9246	9242	9241	9243	9248	9256	9262
G 20.0	8977	8983	8977	8963	8945	8940	8946	8960	8977	8995
G 25.0	8646	8653	8646	8635	8623	8621	8627	8635	8641	8649
G 30.0	8248	8248	8248	8252	8267	8283	8281	8261	8247	8246
G 35.0	7796	7792	7796	7812	7844	7859	7855	7834	7806	7793
G 40.0	7291	7272	7291	7306	7319	7334	7332	7313	7295	7285
G 45.0	6669	6664	6669	6664	6650	6636	6631	6636	6644	6647
G 50.0	5598	5524	5598	5631	5539	5302	5307	5547	5625	5563
G 55.0	4695	4392	4695	4490	3886	3501	3537	3952	4497	4643
G 60.0	3502	3517	3502	3277	2826	2829	2796	2727	3244	3504
G 65.0	2717	2761	2717	2533	2261	2399	2360	2201	2570	2823
G 70.0	2093	2015	2093	2094	1986	1828	1844	2032	2153	2107
G 75.0	1732	1701	1732	1644	1524	1560	1558	1524	1661	1747
G 80.0	1338	1262	1338	1396	1412	1380	1379	1404	1375	1313
G 85.0	859	755	859	952	974	878	881	985	971	882
G 90.0	128	128	128	128	128	128	128	128	128	128