

**Luminaire**

Code 90631L600  
Name ROFY 85 /E D0600 GCONTROL+ K3 830 LO

**Measurem.**

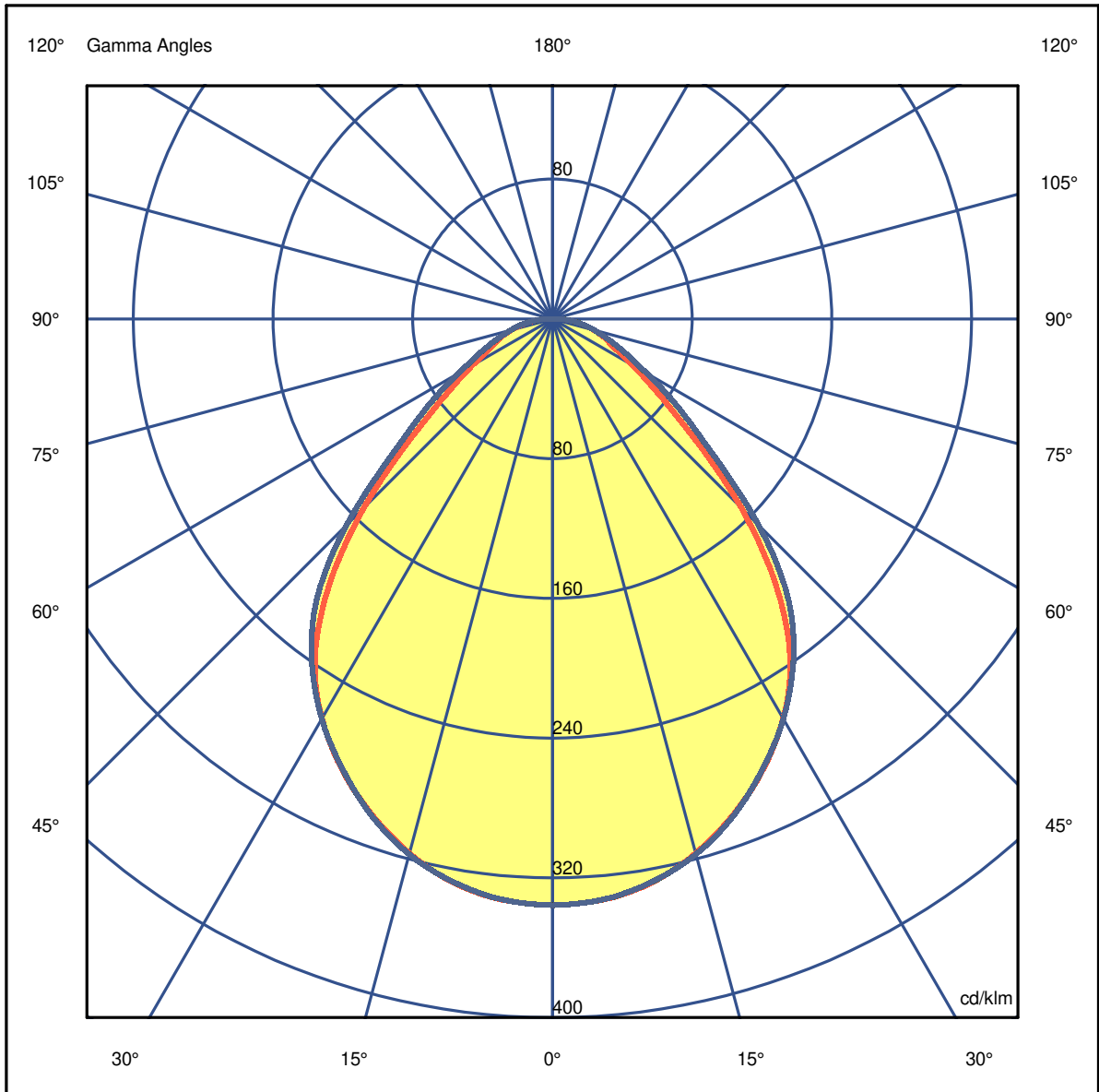
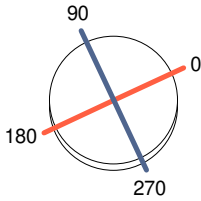
Code 4/8/2023  
Name ROFY 85 /E D0600 GCONTROL+ K3 830 LO

Luminaire Flux	3765 lm	Luminaire Power	33.1 W	Efficacy	113.670 lm/W	Efficiency	67.76%
Source Flux	5556 lm	Maximum value	335.60 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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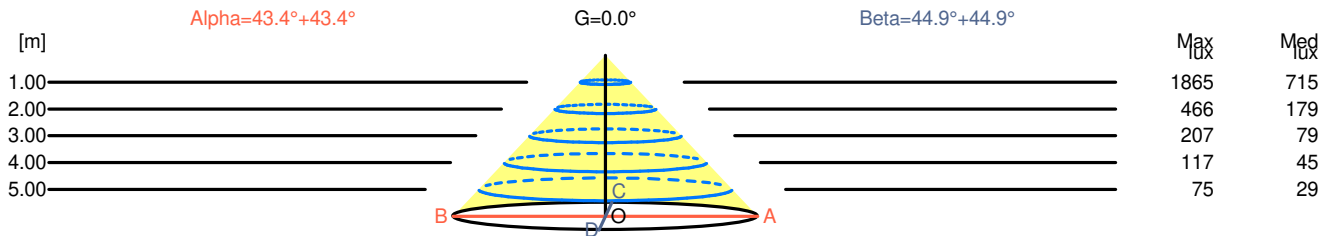
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Width at 50.00 % of Max Intensity

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	0.95	1.89	2.84	3.79	4.73	OC	1.00	1.99	2.99	3.99	4.98
OB	0.95	1.89	2.84	3.79	4.73	OD	1.00	1.99	2.99	3.99	4.98

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1864.59	1854.04	1759.59	1582.90	1317.88	847.85	407.25	217.80	136.68	53.34
OB	1864.59	1854.04	1759.59	1582.90	1317.88	847.85	407.25	217.80	136.68	53.34
OC	1864.59	1853.48	1762.92	1580.68	1335.11	927.30	485.59	253.91	137.79	54.45
OD	1864.59	1853.48	1762.92	1580.68	1335.11	927.30	485.59	253.91	137.79	54.45



H[m]	D[m]	Max lux	Med lux	Alpha=43.4°+43.4°	G=0.0
1.00	1.89	1865	715		
2.00	3.79	466	179		
3.00	5.68	207	79		
4.00	7.57	117	45		
5.00	9.47	75	29		

H[m]	D[m]	Max lux	Med lux	Beta=44.9°+44.9°	G=0.0
1.00	1.99	1865	715		
2.00	3.99	466	179		
3.00	5.98	207	79		
4.00	7.97	117	45		
5.00	9.97	75	29		

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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	14.8	15.9	15.1	16.1	16.3	15.4	16.5	15.7	16.7	17.0
x=2H y=3H	15.4	16.4	15.7	16.6	16.9	16.0	17.0	16.3	17.3	17.5
x=2H y=4H	15.7	16.7	16.1	16.9	17.2	16.3	17.3	16.6	17.5	17.8
x=2H y=6H	16.0	16.9	16.4	17.2	17.5	16.6	17.4	16.9	17.7	18.0
x=2H y=8H	16.1	17.0	16.5	17.3	17.6	16.6	17.5	17.0	17.8	18.1
x=2H y=12H	16.2	17.0	16.5	17.3	17.6	16.7	17.5	17.0	17.8	18.1
x=4H y=2H	15.1	16.0	15.4	16.3	16.6	15.6	16.6	16.0	16.8	17.1
x=4H y=3H	15.9	16.7	16.3	17.0	17.3	16.4	17.2	16.8	17.5	17.9
x=4H y=4H	16.4	17.1	16.7	17.4	17.8	16.9	17.6	17.2	17.9	18.3
x=4H y=6H	16.8	17.4	17.2	17.8	18.2	17.2	17.8	17.6	18.2	18.6
x=4H y=8H	16.9	17.5	17.4	17.9	18.3	17.4	17.9	17.8	18.3	18.7
x=4H y=12H	17.0	17.6	17.5	18.0	18.4	17.5	18.0	17.9	18.4	18.8
x=8H y=4H	16.5	17.1	17.0	17.5	17.9	17.0	17.6	17.4	18.0	18.4
x=8H y=6H	17.1	17.5	17.5	18.0	18.4	17.5	17.9	17.9	18.4	18.8
x=8H y=8H	17.3	17.7	17.8	18.2	18.6	17.7	18.1	18.2	18.5	19.0
x=8H y=12H	17.5	17.8	18.0	18.3	18.8	17.8	18.2	18.3	18.6	19.1
x=12H y=4H	16.5	17.1	17.0	17.5	17.9	17.0	17.5	17.4	17.9	18.3
x=12H y=6H	17.1	17.5	17.6	18.0	18.5	17.5	17.9	18.0	18.4	18.8
x=12H y=8H	17.4	17.7	17.9	18.2	18.7	17.7	18.1	18.2	18.6	19.0

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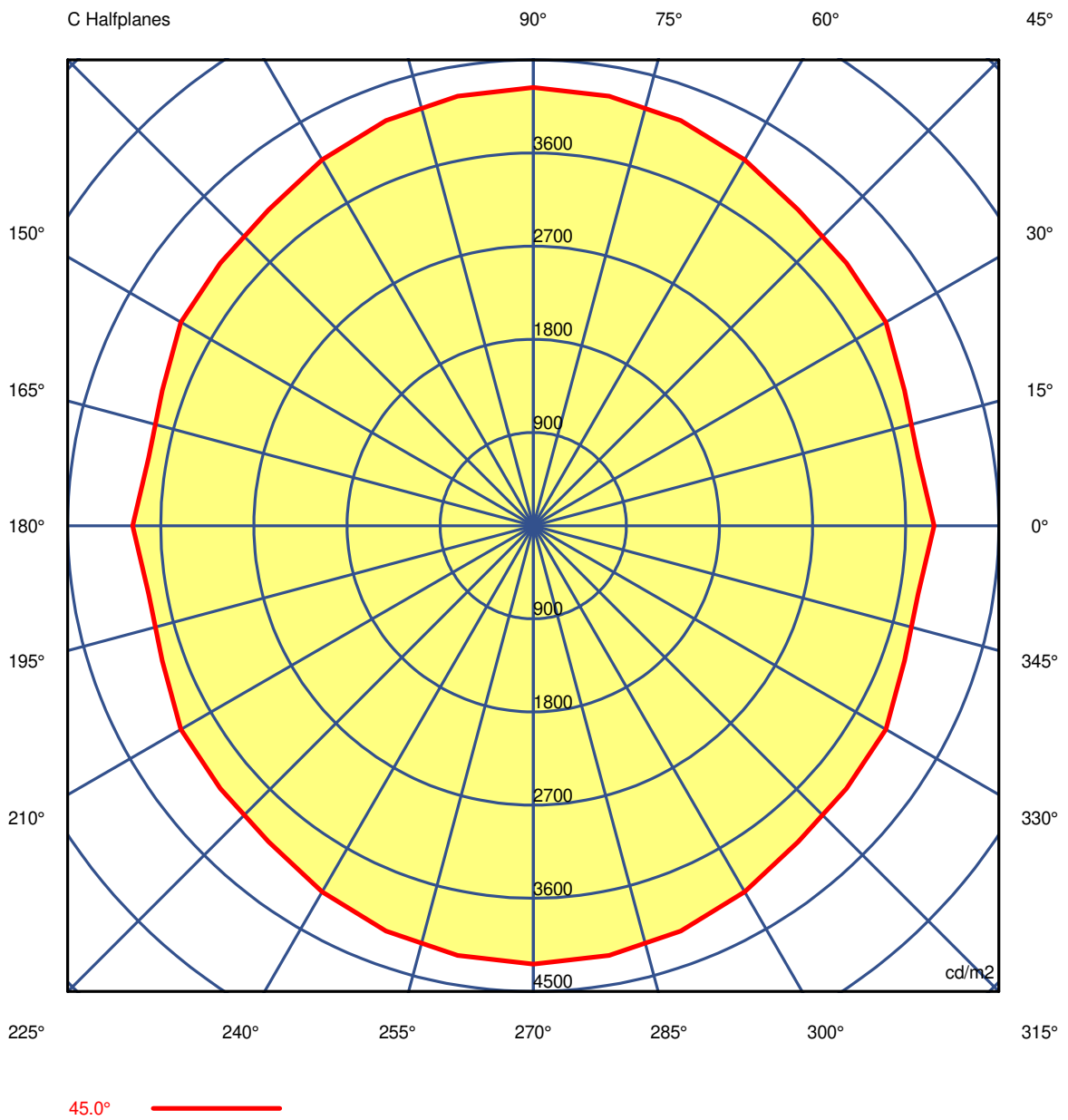
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Luminaire Flux	3765 lm	Luminaire Power	33.1 W	Efficacy	113.670 lm/W	Efficiency	67.76%
Source Flux	5556 lm	Maximum value	335.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	5556 lm	Maximum value	335.60 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	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256
G 5.0	7115	7119	7119	7117	7116	7114	7113	7113	7113	7113	7113	7113	7113
G 10.0	6942	6950	6952	6948	6949	6950	6948	6946	6941	6935	6941	6946	6948
G 15.0	6720	6725	6734	6744	6749	6750	6748	6739	6734	6733	6734	6739	6748
G 20.0	6471	6472	6477	6488	6500	6503	6497	6492	6488	6482	6488	6492	6497
G 25.0	6204	6208	6207	6202	6200	6200	6200	6200	6199	6196	6199	6200	6200
G 30.0	5896	5908	5908	5896	5883	5876	5876	5885	5894	5901	5894	5885	5876
G 35.0	5476	5479	5488	5506	5514	5520	5526	5529	5535	5547	5535	5529	5526
G 40.0	4793	4804	4830	4870	4912	4967	5019	5037	5047	5065	5047	5037	5019
G 45.0	3873	3777	3817	3934	3950	3984	4084	4167	4214	4236	4214	4167	4084
G 50.0	2847	2847	2857	2920	3049	3118	3155	3291	3329	3209	3329	3291	3155
G 55.0	2138	2177	2199	2234	2332	2439	2520	2580	2589	2549	2589	2580	2520
G 60.0	1692	1707	1744	1800	1806	1878	1992	1981	1971	1985	1971	1981	1992
G 65.0	1394	1370	1440	1543	1531	1525	1571	1597	1610	1625	1610	1597	1571
G 70.0	1291	1252	1255	1295	1326	1338	1343	1343	1350	1371	1350	1343	1343
G 75.0	1165	1184	1158	1113	1123	1175	1217	1203	1180	1174	1180	1203	1217
G 80.0	991	998	1007	1014	1010	1009	1014	1015	1011	1002	1011	1015	1014
G 85.0	713	685	693	728	745	732	705	695	705	728	705	695	705
G 90.0	454	393	384	401	379	373	380	342	330	370	330	342	380

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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	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256
G 5.0	7114	7116	7117	7119	7119	7115	7119	7119	7117	7116	7114	7113	7113
G 10.0	6950	6949	6948	6952	6950	6942	6950	6952	6948	6949	6950	6948	6946
G 15.0	6750	6749	6744	6734	6725	6720	6725	6734	6744	6749	6750	6748	6739
G 20.0	6503	6500	6488	6477	6472	6471	6472	6477	6488	6500	6503	6497	6492
G 25.0	6200	6200	6202	6207	6208	6204	6208	6207	6202	6200	6200	6200	6200
G 30.0	5876	5883	5896	5908	5908	5896	5908	5908	5896	5883	5876	5876	5885
G 35.0	5520	5514	5506	5488	5479	5476	5479	5488	5506	5514	5520	5526	5529
G 40.0	4967	4912	4870	4830	4804	4793	4804	4830	4870	4912	4967	5019	5037
G 45.0	3984	3950	3934	3817	3777	3873	3777	3817	3934	3950	3984	4084	4167
G 50.0	3118	3049	2920	2857	2847	2847	2847	2857	2920	3049	3118	3155	3291
G 55.0	2439	2332	2234	2199	2177	2138	2177	2199	2234	2332	2439	2520	2580
G 60.0	1878	1806	1800	1744	1707	1692	1707	1744	1800	1806	1878	1992	1981
G 65.0	1525	1531	1543	1440	1370	1394	1370	1440	1543	1531	1525	1571	1597
G 70.0	1338	1326	1295	1255	1252	1291	1252	1255	1295	1326	1338	1343	1343
G 75.0	1175	1123	1113	1158	1184	1165	1184	1158	1113	1123	1175	1217	1203
G 80.0	1009	1010	1014	1007	998	991	998	1007	1014	1010	1009	1014	1015
G 85.0	732	745	728	693	685	713	685	693	728	745	732	705	695
G 90.0	373	379	401	384	393	454	393	384	401	379	373	380	342

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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	7256	7256	7256	7256	7256	7256	7256	7256	7256	7256
G 5.0	7113	7113	7113	7113	7113	7114	7116	7117	7119	7119
G 10.0	6941	6935	6941	6946	6948	6950	6949	6948	6952	6950
G 15.0	6734	6733	6734	6739	6748	6750	6749	6744	6734	6725
G 20.0	6488	6482	6488	6492	6497	6503	6500	6488	6477	6472
G 25.0	6199	6196	6199	6200	6200	6200	6200	6202	6207	6208
G 30.0	5894	5901	5894	5885	5876	5876	5883	5896	5908	5908
G 35.0	5535	5547	5535	5529	5526	5520	5514	5506	5488	5479
G 40.0	5047	5065	5047	5037	5019	4967	4912	4870	4830	4804
G 45.0	4214	4236	4214	4167	4084	3984	3950	3934	3817	3777
G 50.0	3329	3209	3329	3291	3155	3118	3049	2920	2857	2847
G 55.0	2589	2549	2589	2580	2520	2439	2332	2234	2199	2177
G 60.0	1971	1985	1971	1981	1992	1878	1806	1800	1744	1707
G 65.0	1610	1625	1610	1597	1571	1525	1531	1543	1440	1370
G 70.0	1350	1371	1350	1343	1343	1338	1326	1295	1255	1252
G 75.0	1180	1174	1180	1203	1217	1175	1123	1113	1158	1184
G 80.0	1011	1002	1011	1015	1014	1009	1010	1014	1007	998
G 85.0	705	728	705	695	705	732	745	728	693	685
G 90.0	330	370	330	342	380	373	379	401	384	393