

Luminaire

Code 90622L600
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Measurem.

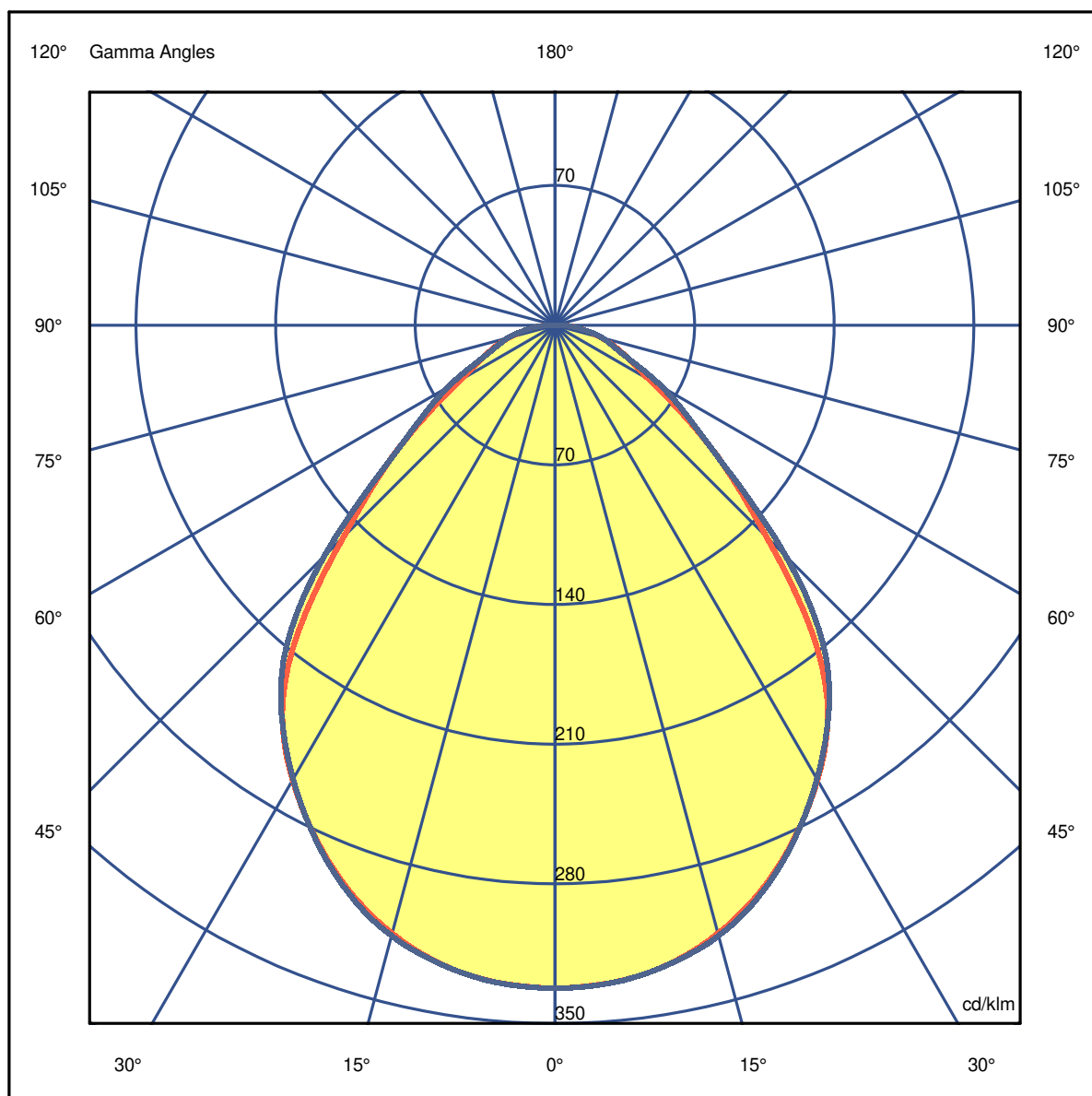
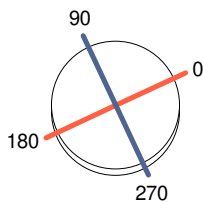
Code 25/7/2023
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Luminaire Flux	5312 lm	Luminaire Power	43.5 W	Efficacy	122.166 lm/W	Efficiency	67.31%
Source Flux	7892 lm	Maximum value	332.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 90622L600
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Measurem.

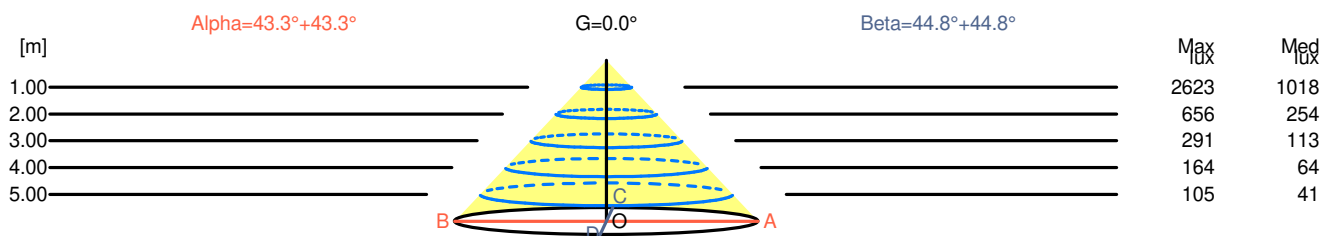
Code 25/7/2023
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Luminaire Flux	5312 lm	Luminaire Power	43.5 W	Efficacy	122.166 lm/W	Efficiency	67.31%
Source Flux	7892 lm	Maximum value	332.30 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	0.94	1.89	2.83	3.77	4.72	OC	0.99	1.98	2.98	3.97	4.96
OB	0.94	1.89	2.83	3.77	4.72	OD	0.99	1.98	2.98	3.97	4.96

	0	5	15	25	35	45	55	65	75	85
OA	2622.51	2609.88	2490.72	2239.75	1881.45	1182.22	624.26	327.52	189.41	71.03
OB	2622.51	2609.88	2490.72	2239.75	1881.45	1182.22	624.26	327.52	189.41	71.03
OC	2622.51	2610.67	2500.19	2242.91	1886.19	1291.92	652.67	333.83	194.14	69.45
OD	2622.51	2610.67	2500.19	2242.91	1886.19	1291.92	652.67	333.83	194.14	69.45



H[m]	D[m]	Max lux	Med lux	Alpha=43.3°+43.3°	G=0.0
1.00	1.89	2623	1018		
2.00	3.77	656	254		
3.00	5.66	291	113		
4.00	7.55	164	64		
5.00	9.43	105	41		

H[m]	D[m]	Max lux	Med lux	Beta=44.8°+44.8°	G=0.0
1.00	1.98	2623	1018		
2.00	3.97	656	254		
3.00	5.95	291	113		
4.00	7.93	164	64		
5.00	9.92	105	41		

Luminaire

Code 90622L600

Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Measurem.

Code 25/7/2023

Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Luminaire Flux	5312 lm	Luminaire Power	43.5 W	Efficacy	122.166 lm/W	Efficiency	67.31%
Source Flux	7892 lm	Maximum value	332.30 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	16.2	17.3	16.5	17.6	17.8	16.4	17.5	16.7	17.8	18.0
x=2H y=3H	16.8	17.8	17.1	18.1	18.3	17.0	18.0	17.3	18.2	18.5
x=2H y=4H	17.1	18.1	17.4	18.3	18.6	17.3	18.2	17.6	18.5	18.8
x=2H y=6H	17.4	18.2	17.7	18.5	18.8	17.5	18.4	17.9	18.7	19.0
x=2H y=8H	17.4	18.3	17.8	18.6	18.9	17.6	18.4	17.9	18.7	19.1
x=2H y=12H	17.5	18.3	17.9	18.6	19.0	17.6	18.5	18.0	18.8	19.1
x=4H y=2H	16.5	17.4	16.8	17.7	18.0	16.6	17.6	17.0	17.8	18.1
x=4H y=3H	17.3	18.1	17.6	18.4	18.7	17.4	18.2	17.8	18.6	18.9
x=4H y=4H	17.7	18.4	18.1	18.7	19.1	17.8	18.5	18.2	18.9	19.2
x=4H y=6H	18.1	18.7	18.5	19.0	19.4	18.2	18.8	18.6	19.2	19.6
x=4H y=8H	18.2	18.8	18.6	19.1	19.6	18.3	18.9	18.7	19.3	19.7
x=4H y=12H	18.3	18.8	18.7	19.2	19.6	18.4	18.9	18.8	19.3	19.7
x=8H y=4H	17.8	18.4	18.3	18.8	19.2	18.0	18.5	18.4	18.9	19.3
x=8H y=6H	18.3	18.8	18.8	19.2	19.7	18.4	18.9	18.9	19.3	19.8
x=8H y=8H	18.5	18.9	19.0	19.4	19.8	18.6	19.0	19.1	19.5	19.9
x=8H y=12H	18.7	19.0	19.2	19.5	20.0	18.8	19.1	19.3	19.6	20.1
x=12H y=4H	17.9	18.4	18.3	18.8	19.2	18.0	18.5	18.4	18.9	19.3
x=12H y=6H	18.4	18.8	18.8	19.2	19.7	18.5	18.9	19.0	19.3	19.8
x=12H y=8H	18.6	18.9	19.1	19.4	19.9	18.7	19.0	19.2	19.5	20.0

Luminaire

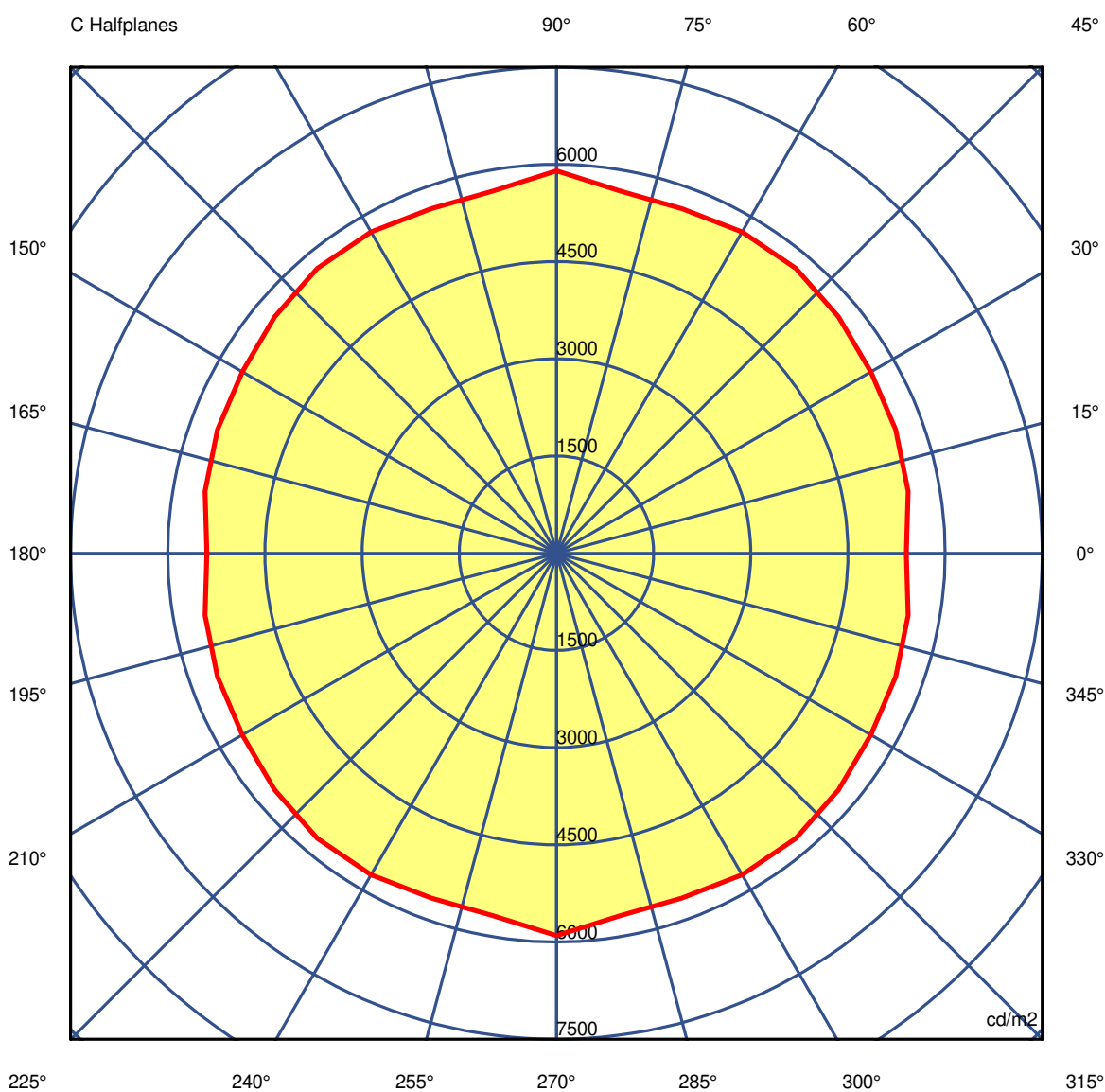
Code 90622L600
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Measurem.

Code 25/7/2023
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Luminaire Flux	5312 lm	Luminaire Power	43.5 W	Efficacy	122.166 lm/W	Efficiency	67.31%
Source Flux	7892 lm	Maximum value	332.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

Code 90622L600
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Measurem.

Code 25/7/2023
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Luminaire Flux	5312 lm		Luminaire Power		43.5 W		Efficacy		122.166 lm/W		Efficiency		67.31%	
Source Flux	7892 lm		Maximum value		332.30 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	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	
G 5.0	10016	10021	10020	10016	10020	10021	10016	10015	10017	10019	10017	10015	10016	
G 10.0	9794	9798	9793	9785	9785	9783	9782	9792	9797	9797	9797	9792	9782	
G 15.0	9513	9518	9509	9491	9485	9486	9494	9514	9534	9549	9534	9514	9494	
G 20.0	9176	9176	9171	9158	9151	9148	9155	9179	9200	9210	9200	9179	9155	
G 25.0	8779	8772	8777	8788	8788	8788	8788	8793	8794	8791	8794	8793	8788	
G 30.0	8347	8343	8346	8356	8369	8382	8388	8379	8357	8328	8357	8379	8388	
G 35.0	7817	7817	7809	7798	7819	7845	7860	7870	7863	7837	7863	7870	7860	
G 40.0	6846	6961	6968	6921	6971	7006	6990	7007	7071	7164	7071	7007	6990	
G 45.0	5400	5510	5569	5602	5678	5744	5728	5659	5676	5901	5676	5659	5728	
G 50.0	4309	4182	4212	4340	4353	4366	4413	4473	4453	4344	4453	4473	4413	
G 55.0	3277	3285	3330	3360	3291	3273	3360	3449	3471	3426	3471	3449	3360	
G 60.0	2471	2602	2632	2589	2601	2666	2702	2649	2671	2820	2671	2649	2702	
G 65.0	2096	2084	2080	2090	2113	2123	2141	2200	2207	2136	2207	2200	2141	
G 70.0	1862	1844	1819	1804	1824	1834	1822	1817	1813	1804	1813	1817	1822	
G 75.0	1614	1574	1573	1601	1614	1612	1607	1608	1625	1655	1625	1608	1607	
G 80.0	1317	1358	1362	1334	1315	1329	1358	1359	1338	1309	1338	1359	1358	
G 85.0	949	960	953	928	904	893	897	911	923	928	923	911	897	
G 90.0	525	450	443	465	420	415	450	420	408	450	408	420	450	

Luminaire

Code 90622L600
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Measurem.

Code 25/7/2023
Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Luminaire Flux		5312 lm		Luminaire Power		43.5 W		Efficacy		122.166 lm/W		Efficiency		67.31%	
Source Flux		7892 lm		Maximum value		332.30 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	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206
G 5.0	10021	10020	10016	10020	10021	10016	10021	10020	10016	10020	10021	10016	10015	10016	10015
G 10.0	9783	9785	9785	9793	9798	9794	9798	9793	9785	9785	9783	9782	9792	9783	9792
G 15.0	9486	9485	9491	9509	9518	9513	9518	9509	9491	9485	9486	9494	9514	9486	9514
G 20.0	9148	9151	9158	9171	9176	9176	9176	9171	9158	9151	9148	9155	9179	9148	9179
G 25.0	8788	8788	8788	8777	8772	8779	8772	8777	8788	8788	8788	8788	8793	8788	8793
G 30.0	8382	8369	8356	8346	8343	8347	8343	8346	8356	8369	8382	8388	8379	8369	8379
G 35.0	7845	7819	7798	7809	7817	7817	7817	7809	7798	7819	7845	7860	7870	7845	7870
G 40.0	7006	6971	6921	6968	6961	6846	6961	6968	6921	6971	7006	6990	7007	6990	7007
G 45.0	5744	5678	5602	5569	5510	5400	5510	5569	5602	5678	5744	5728	5659	5728	5659
G 50.0	4366	4353	4340	4212	4182	4309	4182	4212	4340	4353	4366	4413	4473	4413	4473
G 55.0	3273	3291	3360	3330	3285	3277	3285	3330	3360	3291	3273	3360	3449	3360	3449
G 60.0	2666	2601	2589	2632	2602	2471	2602	2632	2589	2601	2666	2702	2649	2702	2649
G 65.0	2123	2113	2090	2080	2084	2096	2084	2080	2090	2113	2123	2141	2200	2141	2200
G 70.0	1834	1824	1804	1819	1844	1862	1844	1819	1804	1824	1834	1822	1817	1822	1817
G 75.0	1612	1614	1601	1573	1574	1614	1574	1573	1601	1614	1612	1607	1608	1607	1608
G 80.0	1329	1315	1334	1362	1358	1317	1358	1362	1334	1315	1329	1358	1359	1358	1359
G 85.0	893	904	928	953	960	949	960	953	928	904	893	897	911	897	911
G 90.0	415	420	465	443	450	525	450	443	465	420	415	450	420	450	420

Luminaire

Code 90622L600

Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Measurem.

Code 25/7/2023

Name ROFY 85 /E D0600 GCONTROL+ 830 HO

Luminaire Flux	5312 lm	Luminaire Power	43.5 W	Efficacy	122.166 lm/W	Efficiency	67.31%
Source Flux	7892 lm	Maximum value	332.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	10206	10206	10206	10206	10206	10206	10206	10206	10206	10206
G 5.0	10017	10019	10017	10015	10016	10021	10020	10016	10020	10021
G 10.0	9797	9797	9797	9792	9782	9783	9785	9785	9793	9798
G 15.0	9534	9549	9534	9514	9494	9486	9485	9491	9509	9518
G 20.0	9200	9210	9200	9179	9155	9148	9151	9158	9171	9176
G 25.0	8794	8791	8794	8793	8788	8788	8788	8788	8777	8772
G 30.0	8357	8328	8357	8379	8388	8382	8369	8356	8346	8343
G 35.0	7863	7837	7863	7870	7860	7845	7819	7798	7809	7817
G 40.0	7071	7164	7071	7007	6990	7006	6971	6921	6968	6961
G 45.0	5676	5901	5676	5659	5728	5744	5678	5602	5569	5510
G 50.0	4453	4344	4453	4473	4413	4366	4353	4340	4212	4182
G 55.0	3471	3426	3471	3449	3360	3273	3291	3360	3330	3285
G 60.0	2671	2820	2671	2649	2702	2666	2601	2589	2632	2602
G 65.0	2207	2136	2207	2200	2141	2123	2113	2090	2080	2084
G 70.0	1813	1804	1813	1817	1822	1834	1824	1804	1819	1844
G 75.0	1625	1655	1625	1608	1607	1612	1614	1601	1573	1574
G 80.0	1338	1309	1338	1359	1358	1329	1315	1334	1362	1358
G 85.0	923	928	923	911	897	893	904	928	953	960
G 90.0	408	450	408	420	450	415	420	465	443	450