

Luminaire

Code 90624L400

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Measurem.

Code 26/7/2023

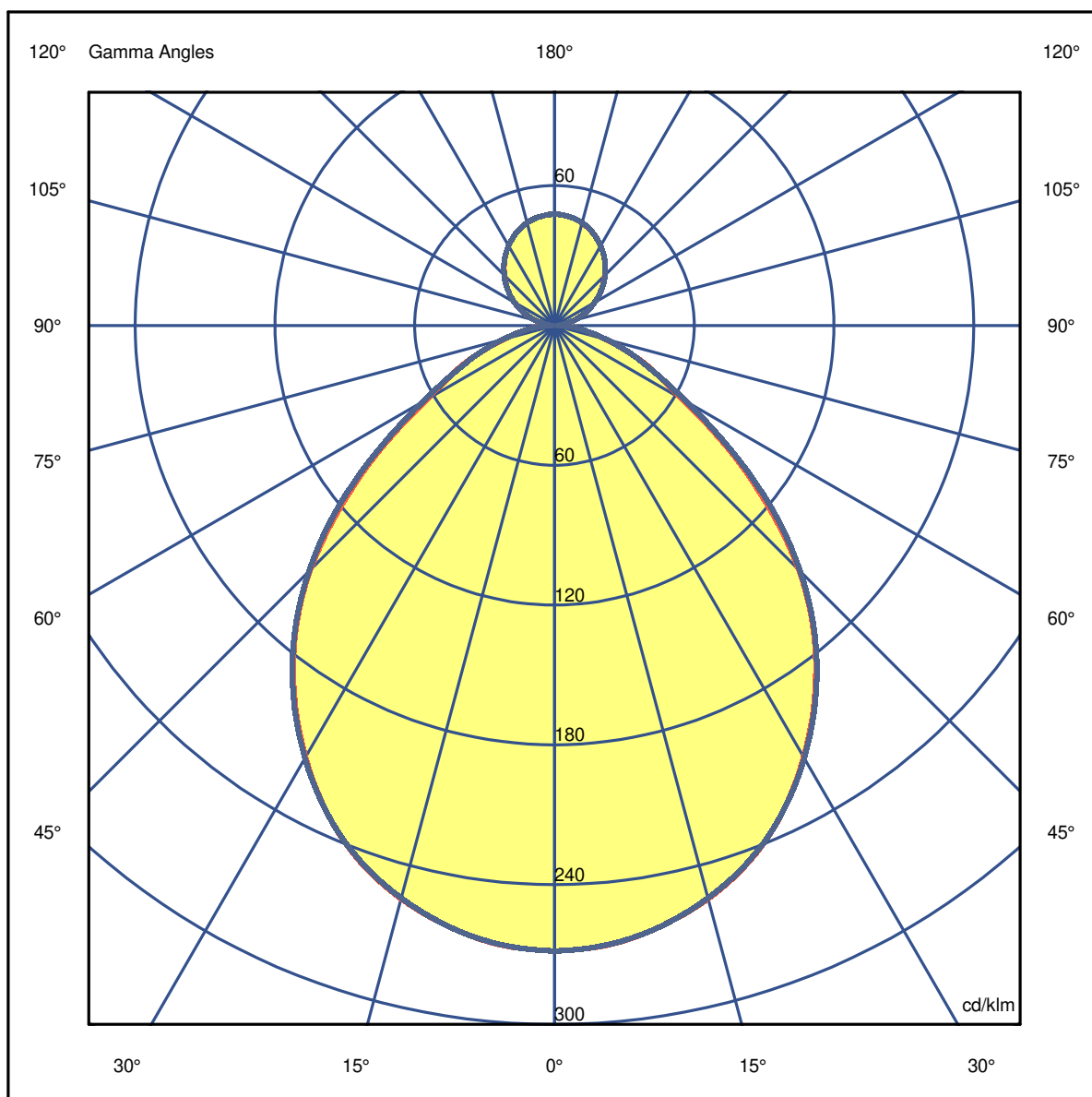
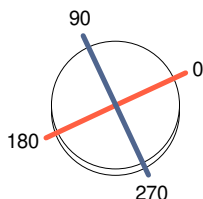
Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3821 lm	Luminaire Power	31.7 W	Efficacy	120.383 lm/W	Efficiency	71.65%
Source Flux	5333 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 90624L400

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Measurem.

Code 26/7/2023

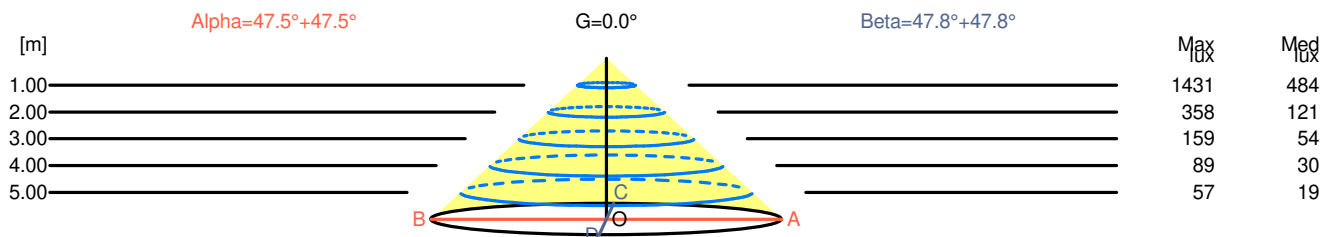
Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3821 lm	Luminaire Power	31.7 W	Efficacy	120.383 lm/W	Efficiency	71.65%
Source Flux	5333 lm	Maximum value	268.40 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	1.09	2.18	3.27	4.36	5.45	OC	1.10	2.20	3.30	4.40	5.51
OB	1.09	2.18	3.27	4.36	5.45	OD	1.10	2.20	3.30	4.40	5.51

	0	5	15	25	35	45	55	65	75	85
OA	1431.38	1422.84	1358.32	1231.92	1038.34	791.42	477.84	253.85	120.53	38.93
OB	1431.38	1422.84	1358.32	1231.92	1038.34	791.42	477.84	253.85	120.53	38.93
OC	1431.38	1422.31	1356.72	1231.92	1042.07	795.15	487.97	252.25	122.13	37.86
OD	1431.38	1422.31	1356.72	1231.92	1042.07	795.15	487.97	252.25	122.13	37.86



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0
1.00	2.18	1431	484		
2.00	4.36	358	121		
3.00	6.54	159	54		
4.00	8.72	89	30		
5.00	10.90	57	19		

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0
1.00	2.20	1431	484		
2.00	4.40	358	121		
3.00	6.61	159	54		
4.00	8.81	89	30		
5.00	11.01	57	19		

Luminaire

Code 90624L400

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Measurem.

Code 26/7/2023

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3821 lm	Luminaire Power	31.7 W	Efficacy	120.383 lm/W	Efficiency	71.65%
Source Flux	5333 lm	Maximum value	268.40 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.8	17.8	17.3	18.3	18.8	16.5	17.4	17.0	17.9	18.5
x=2H y=3H	17.4	18.3	18.0	18.8	19.4	16.9	17.8	17.5	18.4	19.0
x=2H y=4H	17.6	18.4	18.2	19.0	19.6	17.1	17.9	17.7	18.5	19.1
x=2H y=6H	17.7	18.5	18.4	19.1	19.7	17.2	18.0	17.9	18.6	19.2
x=2H y=8H	17.8	18.5	18.4	19.1	19.7	17.3	18.0	17.9	18.6	19.2
x=2H y=12H	17.8	18.4	18.4	19.1	19.7	17.3	18.0	17.9	18.6	19.3
x=4H y=2H	16.8	17.6	17.4	18.2	18.8	16.6	17.4	17.1	17.9	18.6
x=4H y=3H	17.6	18.3	18.2	18.9	19.6	17.2	17.9	17.8	18.5	19.2
x=4H y=4H	17.9	18.4	18.5	19.1	19.8	17.4	18.0	18.1	18.7	19.4
x=4H y=6H	18.1	18.6	18.7	19.2	20.0	17.6	18.2	18.3	18.8	19.6
x=4H y=8H	18.1	18.6	18.8	19.3	20.1	17.7	18.2	18.4	18.9	19.6
x=4H y=12H	18.2	18.6	18.9	19.3	20.1	17.8	18.2	18.5	18.9	19.7
x=8H y=4H	17.9	18.3	18.5	19.0	19.8	17.5	17.9	18.2	18.6	19.4
x=8H y=6H	18.2	18.5	18.9	19.2	20.1	17.8	18.1	18.5	18.8	19.7
x=8H y=8H	18.3	18.6	19.0	19.3	20.2	17.9	18.2	18.6	18.9	19.8
x=8H y=12H	18.3	18.6	19.1	19.4	20.2	18.0	18.3	18.7	19.0	19.9
x=12H y=4H	17.8	18.2	18.5	18.9	19.7	17.4	17.9	18.1	18.5	19.3
x=12H y=6H	18.1	18.5	18.9	19.2	20.0	17.8	18.1	18.5	18.8	19.7
x=12H y=8H	18.3	18.6	19.0	19.3	20.2	17.9	18.2	18.7	18.9	19.8

Luminaire

Code 90624L400

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

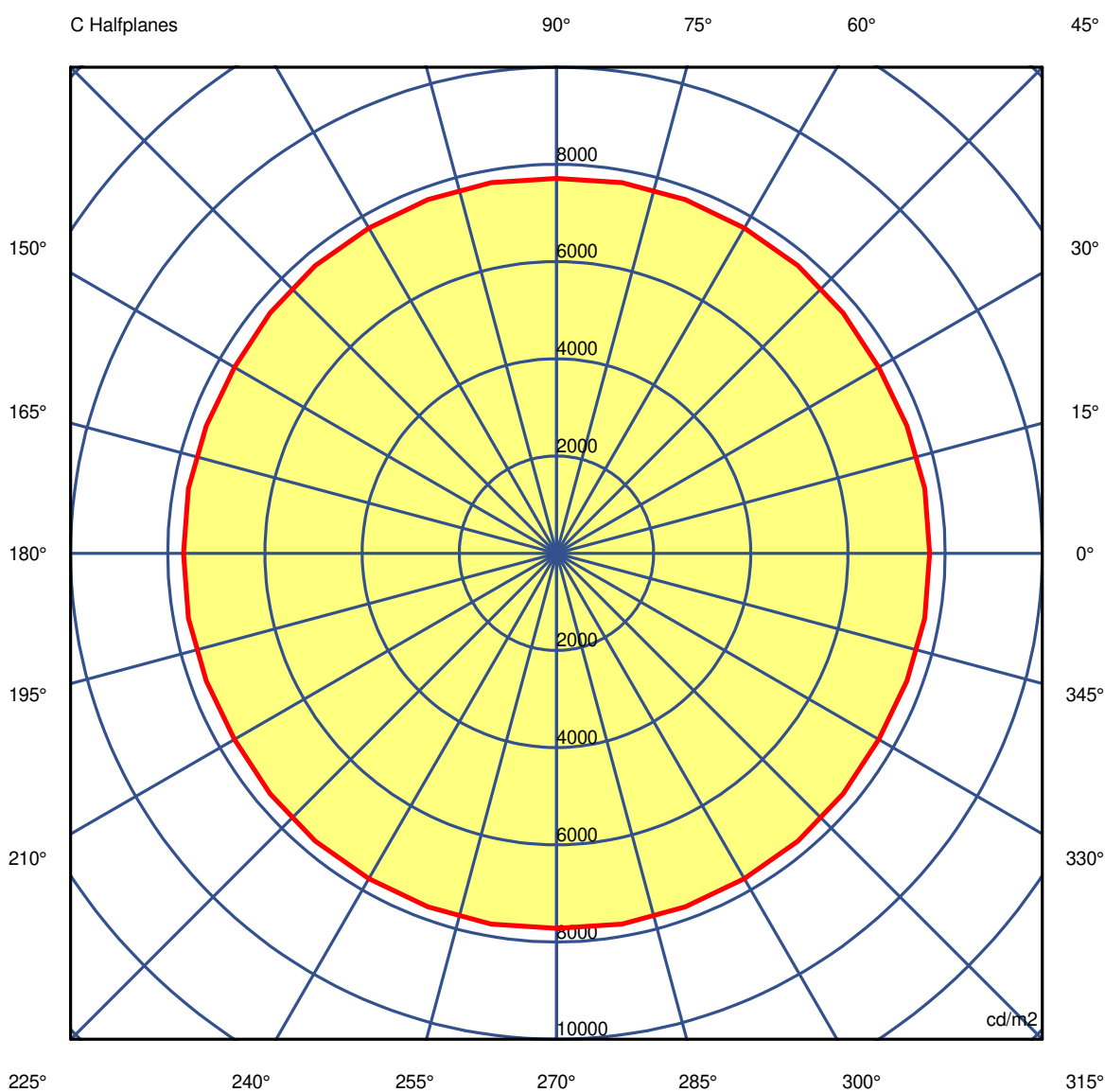
Measurem.

Code 26/7/2023

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3821 lm	Luminaire Power	31.7 W	Efficacy	120.383 lm/W	Efficiency	71.65%
Source Flux	5333 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90624L400

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Measurement

Code 26/7/2023

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3821 lm			Luminaire Power			31.7 W			Efficacy			120.383 lm/W			Efficiency		71.65%	
Source Flux	5333 lm			Maximum value			268.40 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	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621				12621		
G 5.0	12288	12284	12283	12283	12283	12283	12283	12283	12283	12283	12283	12283	12283				12283		
G 10.0	11907	11911	11913	11912	11909	11907	11907	11907	11907	11907	11907	11907	11907				11907		
G 15.0	11520	11518	11513	11507	11500	11495	11493	11495	11500	11507	11500	11495	11493				11493		
G 20.0	11095	11101	11092	11068	11044	11032	11032	11038	11055	11081	11055	11038	11032				11032		
G 25.0	10580	10591	10581	10557	10545	10543	10544	10548	10560	10580	10560	10548	10544				10544		
G 30.0	9974	9987	9986	9984	10004	10025	10026	10006	9998	9998	9998	10006	10026				10026		
G 35.0	9318	9326	9330	9347	9395	9434	9433	9396	9363	9352	9363	9396	9433				9433		
G 40.0	8586	8586	8592	8621	8670	8699	8695	8682	8655	8616	8655	8682	8695				8695		
G 45.0	7681	7696	7676	7655	7695	7726	7728	7744	7744	7717	7744	7744	7728				7728		
G 50.0	6494	6494	6486	6390	6137	5884	5850	6144	6453	6631	6453	6144	5850				5850		
G 55.0	5222	5156	5080	4994	4410	3844	3823	4505	5113	5332	5113	4505	3823				3823		
G 60.0	3993	3956	3836	3577	3220	3085	3199	3325	3621	4119	3621	3325	3199				3199		
G 65.0	3288	3237	3044	2639	2454	2534	2625	2466	2628	3267	2628	2466	2625				2625		
G 70.0	2653	2597	2390	2036	2088	2145	2098	1997	2167	2646	2167	1997	2098				2098		
G 75.0	1990	1942	1718	1497	1624	1728	1638	1564	1693	2017	1693	1564	1638				1638		
G 80.0	1481	1516	1455	1356	1377	1391	1356	1311	1350	1481	1350	1311	1356				1356		
G 85.0	926	876	899	976	1007	948	888	957	984	900	984	957	888				888		
G 90.0	462	475	479	446	356	286	248	189	165	165	165	189	248				248		

Luminaire

Code 90624L400

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Measurement

Code 26/7/2023

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3821 lm		Luminaire Power		31.7 W		Efficacy		120.383 lm/W		Efficiency		71.65%	
Source Flux	5333 lm		Maximum value		268.40 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	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621	
G 5.0	12283	12283	12283	12283	12284	12288	12284	12283	12283	12283	12283	12283	12283	
G 10.0	11907	11909	11912	11913	11911	11907	11911	11913	11912	11909	11907	11907	11907	
G 15.0	11495	11500	11507	11513	11518	11520	11518	11513	11507	11500	11495	11493	11495	
G 20.0	11032	11044	11068	11092	11101	11095	11101	11092	11068	11044	11032	11032	11038	
G 25.0	10543	10545	10557	10581	10591	10580	10591	10581	10557	10545	10543	10544	10548	
G 30.0	10025	10004	9984	9986	9987	9974	9987	9986	9984	10004	10025	10026	10006	
G 35.0	9434	9395	9347	9330	9326	9318	9326	9330	9347	9395	9434	9433	9396	
G 40.0	8699	8670	8621	8592	8586	8586	8586	8592	8621	8670	8699	8695	8682	
G 45.0	7726	7695	7655	7676	7696	7681	7696	7676	7655	7695	7726	7728	7744	
G 50.0	5884	6137	6390	6486	6494	6494	6494	6486	6390	6137	5884	5850	6144	
G 55.0	3844	4410	4994	5080	5156	5222	5156	5080	4994	4410	3844	3823	4505	
G 60.0	3085	3220	3577	3836	3956	3993	3956	3836	3577	3220	3085	3199	3325	
G 65.0	2534	2454	2639	3044	3237	3288	3237	3044	2639	2454	2534	2625	2466	
G 70.0	2145	2088	2036	2390	2597	2653	2597	2390	2036	2088	2145	2098	1997	
G 75.0	1728	1624	1497	1718	1942	1990	1942	1718	1497	1624	1728	1638	1564	
G 80.0	1391	1377	1356	1455	1516	1481	1516	1455	1356	1377	1391	1356	1311	
G 85.0	948	1007	976	899	876	926	876	899	976	1007	948	888	957	
G 90.0	286	356	446	479	475	462	475	479	446	356	286	248	189	

Luminaire

Code 90624L400

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Measurem.

Code 26/7/2023

Name ROFY 85 D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3821 lm	Luminaire Power	31.7 W	Efficacy	120.383 lm/W	Efficiency	71.65%
Source Flux	5333 lm	Maximum value	268.40 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	12621	12621	12621	12621	12621	12621	12621	12621	12621	12621
G 5.0	12283	12283	12283	12283	12283	12283	12283	12283	12283	12284
G 10.0	11907	11907	11907	11907	11907	11907	11909	11912	11913	11911
G 15.0	11500	11507	11500	11495	11493	11495	11500	11507	11513	11518
G 20.0	11055	11081	11055	11038	11032	11032	11044	11068	11092	11101
G 25.0	10560	10580	10560	10548	10544	10543	10545	10557	10581	10591
G 30.0	9998	9998	9998	10006	10026	10025	10004	9984	9986	9987
G 35.0	9363	9352	9363	9396	9433	9434	9395	9347	9330	9326
G 40.0	8655	8616	8655	8682	8695	8699	8670	8621	8592	8586
G 45.0	7744	7717	7744	7744	7728	7726	7695	7655	7676	7696
G 50.0	6453	6631	6453	6144	5850	5884	6137	6390	6486	6494
G 55.0	5113	5332	5113	4505	3823	3844	4410	4994	5080	5156
G 60.0	3621	4119	3621	3325	3199	3085	3220	3577	3836	3956
G 65.0	2628	3267	2628	2466	2625	2534	2454	2639	3044	3237
G 70.0	2167	2646	2167	1997	2098	2145	2088	2036	2390	2597
G 75.0	1693	2017	1693	1564	1638	1728	1624	1497	1718	1942
G 80.0	1350	1481	1350	1311	1356	1391	1377	1356	1455	1516
G 85.0	984	900	984	957	888	948	1007	976	899	876
G 90.0	165	165	165	189	248	286	356	446	479	475