

Luminaire

Code 90628L400
Name ROFY 85 D0400 LIGHT+ 830 LO

Measurem.

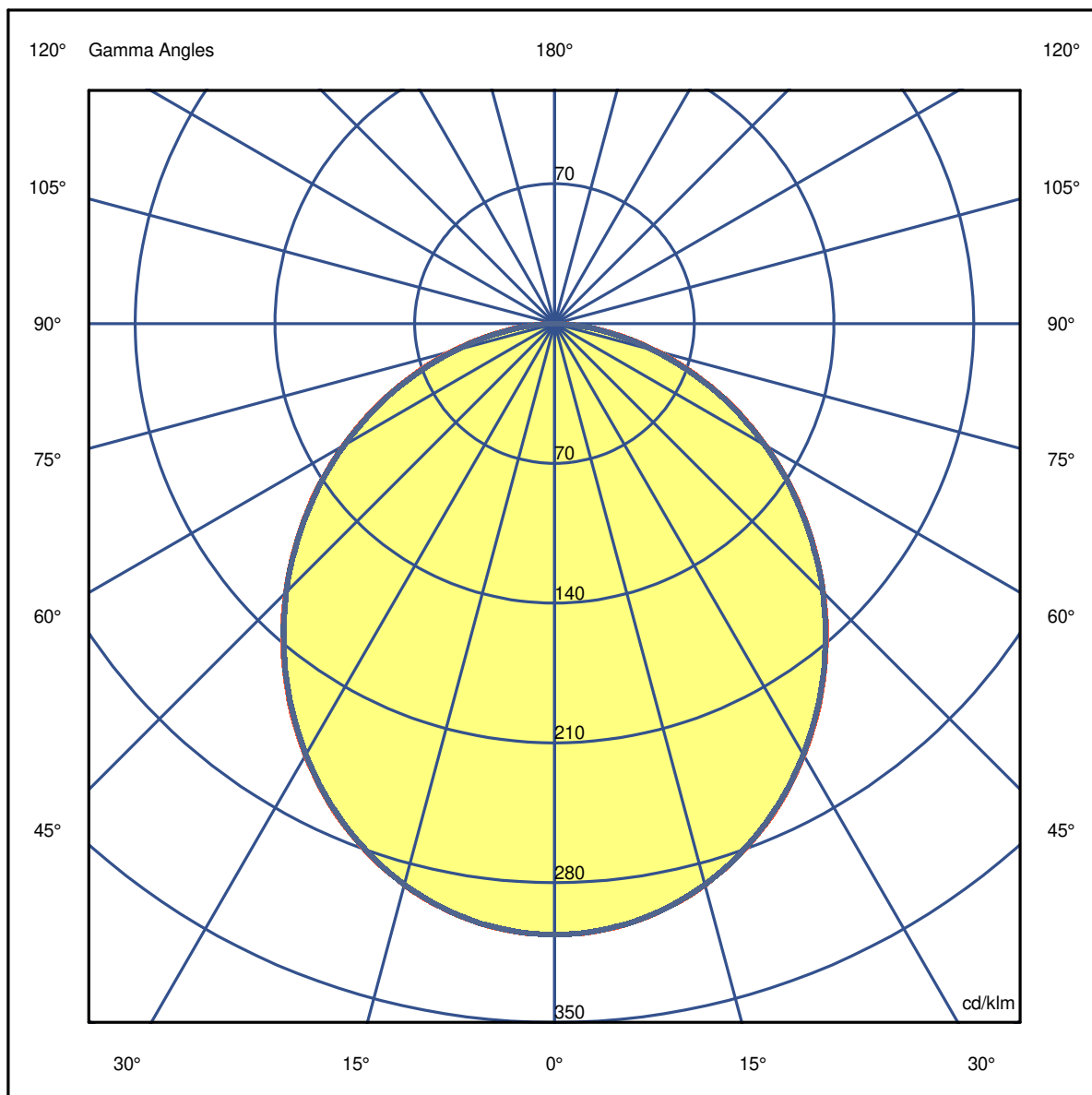
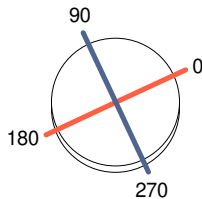
Code 4/8/2023
Name ROFY 85 D0400 LIGHT+ 830 LO

Luminaire Flux	2313 lm	Luminaire Power	16.5 W	Efficacy	140.453 lm/W	Efficiency	82.03%
Source Flux	2820 lm	Maximum value	305.90 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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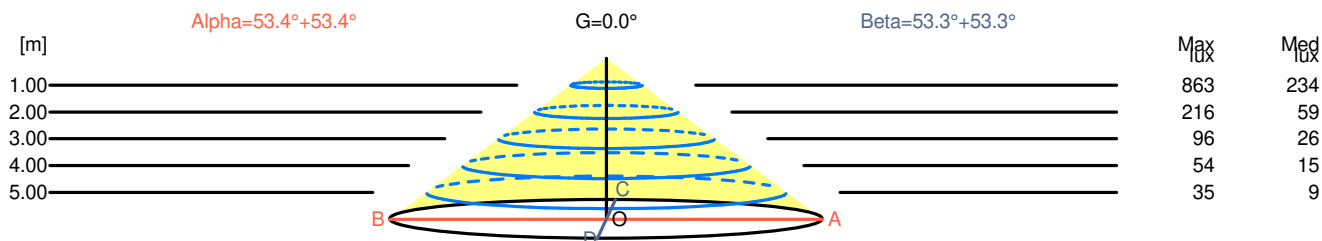
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Name ROFY 85 D0400 LIGHT+ 830 LO

Luminaire Flux	2313 lm	Luminaire Power	16.5 W	Efficacy	140.453 lm/W	Efficiency	82.03%
Source Flux	2820 lm	Maximum value	305.90 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	1.34	2.69	4.03	5.38	6.72	OC	1.34	2.68	4.02	5.36	6.70
OB	1.34	2.69	4.03	5.38	6.72	OD	1.34	2.68	4.02	5.36	6.70

	0	5	15	25	35	45	55	65	75	85
OA	862.64	858.13	820.62	749.56	652.55	536.93	410.31	278.33	148.05	36.38
OB	862.64	858.13	820.62	749.56	652.55	536.93	410.31	278.33	148.05	36.38
OC	862.64	857.56	820.34	748.71	651.14	535.80	408.62	275.51	143.82	33.28
OD	862.64	857.56	820.34	748.71	651.14	535.80	408.62	275.51	143.82	33.28



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0
1.00	2.69	863	234		
2.00	5.38	216	59		
3.00	8.07	96	26		
4.00	10.76	54	15		
5.00	13.45	35	9		

H[m]	D[m]	Max lux	Med lux	Beta=53.3°+53.3°	G=0.0
1.00	2.68	863	234		
2.00	5.36	216	59		
3.00	8.04	96	26		
4.00	10.72	54	15		
5.00	13.39	35	9		

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Luminaire Flux	2313 lm	Luminaire Power	16.5 W	Efficacy	140.453 lm/W	Efficiency	82.03%
Source Flux	2820 lm	Maximum value	305.90 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	17.8	19.1	18.1	19.3	19.6	17.8	19.1	18.1	19.3	19.5
x=2H y=3H	19.1	20.3	19.4	20.5	20.8	19.0	20.2	19.3	20.5	20.7
x=2H y=4H	19.5	20.6	19.9	20.9	21.2	19.5	20.6	19.8	20.9	21.2
x=2H y=6H	19.8	20.8	20.1	21.1	21.4	19.7	20.7	20.1	21.0	21.4
x=2H y=8H	19.8	20.8	20.2	21.1	21.5	19.8	20.8	20.1	21.1	21.4
x=2H y=12H	19.9	20.8	20.2	21.1	21.5	19.8	20.7	20.1	21.0	21.4
x=4H y=2H	18.4	19.5	18.7	19.8	20.1	18.3	19.5	18.7	19.8	20.0
x=4H y=3H	19.8	20.7	20.2	21.1	21.4	19.8	20.7	20.1	21.0	21.4
x=4H y=4H	20.4	21.2	20.8	21.6	21.9	20.3	21.2	20.7	21.5	21.9
x=4H y=6H	20.7	21.5	21.2	21.9	22.3	20.7	21.4	21.1	21.8	22.2
x=4H y=8H	20.8	21.5	21.3	21.9	22.3	20.8	21.4	21.2	21.8	22.2
x=4H y=12H	20.9	21.5	21.3	21.9	22.3	20.8	21.4	21.2	21.8	22.2
x=8H y=4H	20.6	21.3	21.0	21.6	22.1	20.5	21.2	21.0	21.6	22.0
x=8H y=6H	21.1	21.6	21.5	22.0	22.5	21.0	21.5	21.4	22.0	22.4
x=8H y=8H	21.2	21.7	21.7	22.1	22.6	21.1	21.6	21.6	22.0	22.5
x=8H y=12H	21.3	21.7	21.8	22.2	22.7	21.2	21.6	21.7	22.1	22.6
x=12H y=4H	20.6	21.2	21.0	21.6	22.0	20.5	21.1	21.0	21.5	22.0
x=12H y=6H	21.1	21.6	21.6	22.0	22.5	21.0	21.5	21.5	21.9	22.4
x=12H y=8H	21.2	21.7	21.7	22.1	22.6	21.2	21.6	21.6	22.0	22.5

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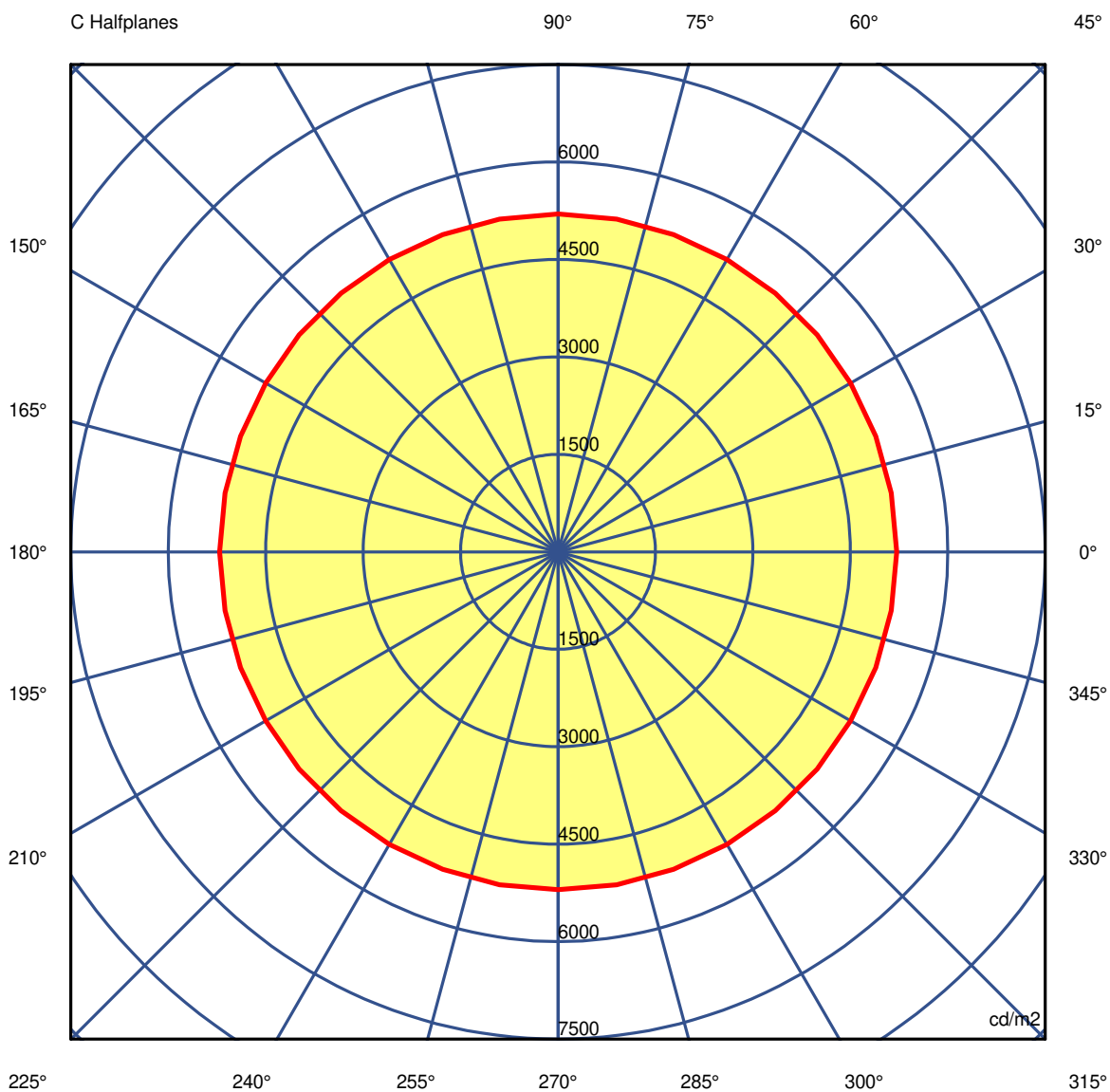
Measurem.

Code 4/8/2023

Name ROFY 85 D0400 LIGHT+ 830 LO

Luminaire Flux	2313 lm	Luminaire Power	16.5 W	Efficacy	140.453 lm/W	Efficiency	82.03%
Source Flux	2820 lm	Maximum value	305.90 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux	2313 lm		Luminaire Power		16.5 W		Efficacy		140.453 lm/W		Efficiency		82.03%	
Source Flux	2820 lm		Maximum value		305.90 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	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	
G 5.0	7411	7410	7406	7403	7407	7408	7408	7410	7410	7406	7410	7410	7408	
G 10.0	7193	7192	7189	7186	7189	7193	7193	7190	7188	7191	7188	7190	7193	
G 15.0	6960	6959	6956	6953	6954	6957	6958	6954	6953	6958	6953	6954	6958	
G 20.0	6706	6705	6702	6699	6702	6703	6701	6701	6701	6699	6701	6701	6701	
G 25.0	6437	6435	6430	6428	6431	6433	6430	6428	6428	6430	6428	6428	6430	
G 30.0	6152	6151	6148	6147	6149	6148	6145	6145	6145	6145	6145	6145	6145	
G 35.0	5856	5850	5849	5849	5846	5848	5851	5846	5844	5844	5844	5846	5851	
G 40.0	5536	5536	5535	5533	5533	5531	5528	5530	5530	5525	5530	5530	5528	
G 45.0	5211	5208	5203	5200	5202	5202	5198	5199	5200	5200	5200	5199	5198	
G 50.0	4858	4856	4854	4852	4852	4852	4852	4850	4849	4849	4849	4850	4852	
G 55.0	4484	4482	4480	4478	4476	4473	4472	4472	4470	4465	4470	4472	4472	
G 60.0	4066	4062	4058	4056	4056	4054	4050	4047	4045	4043	4045	4047	4050	
G 65.0	3605	3598	3590	3583	3583	3580	3572	3569	3569	3569	3569	3569	3572	
G 70.0	3067	3058	3053	3051	3047	3037	3026	3020	3018	3018	3018	3020	3026	
G 75.0	2445	2439	2432	2422	2409	2400	2394	2384	2377	2375	2377	2384	2394	
G 80.0	1719	1717	1708	1692	1673	1657	1648	1644	1641	1637	1641	1644	1648	
G 85.0	865	865	863	858	831	810	805	800	796	791	796	800	805	
G 90.0	105	105	105	105	105	105	105	105	105	105	105	105	105	

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Luminaire Flux	2313 lm		Luminaire Power		16.5 W		Efficacy		140.453 lm/W		Efficiency		82.03%	
Source Flux	2820 lm		Maximum value		305.90 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	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	
G 5.0	7408	7407	7403	7406	7410	7411	7410	7406	7403	7407	7408	7408	7410	
G 10.0	7193	7189	7186	7189	7192	7193	7192	7189	7186	7189	7193	7193	7190	
G 15.0	6957	6954	6953	6956	6959	6960	6959	6956	6953	6954	6957	6958	6954	
G 20.0	6703	6702	6699	6702	6705	6706	6705	6702	6699	6702	6703	6701	6701	
G 25.0	6433	6431	6428	6430	6435	6437	6435	6430	6428	6431	6433	6430	6428	
G 30.0	6148	6149	6147	6148	6151	6152	6151	6148	6147	6149	6148	6145	6145	
G 35.0	5848	5846	5849	5849	5850	5856	5850	5849	5846	5848	5848	5851	5846	
G 40.0	5531	5533	5533	5535	5536	5536	5536	5535	5533	5533	5531	5528	5530	
G 45.0	5202	5202	5200	5203	5208	5211	5208	5203	5200	5202	5202	5198	5199	
G 50.0	4852	4852	4852	4854	4856	4858	4856	4854	4852	4852	4852	4852	4850	
G 55.0	4473	4476	4478	4480	4482	4484	4482	4480	4478	4476	4473	4472	4472	
G 60.0	4054	4056	4056	4058	4062	4066	4062	4058	4056	4056	4054	4050	4047	
G 65.0	3580	3583	3583	3590	3598	3605	3598	3590	3583	3583	3580	3572	3569	
G 70.0	3037	3047	3051	3053	3058	3067	3058	3053	3051	3047	3037	3026	3020	
G 75.0	2400	2409	2422	2432	2439	2445	2439	2432	2422	2409	2400	2394	2384	
G 80.0	1657	1673	1692	1708	1717	1719	1717	1708	1692	1673	1657	1648	1644	
G 85.0	810	831	858	863	865	865	865	863	858	831	810	805	800	
G 90.0	105	105	105	105	105	105	105	105	105	105	105	105	105	

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Source Flux	2820 lm	Maximum value		305.90 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	7606	7606	7606	7606	7606	7606	7606	7606	7606	7606	
G 5.0	7410	7406	7410	7410	7408	7408	7407	7403	7406	7410	
G 10.0	7188	7191	7188	7190	7193	7193	7189	7186	7189	7192	
G 15.0	6953	6958	6953	6954	6958	6957	6954	6953	6956	6959	
G 20.0	6701	6699	6701	6701	6701	6703	6702	6699	6702	6705	
G 25.0	6428	6430	6428	6428	6430	6433	6431	6428	6430	6435	
G 30.0	6145	6145	6145	6145	6145	6148	6149	6147	6148	6151	
G 35.0	5844	5844	5844	5846	5851	5848	5846	5849	5849	5850	
G 40.0	5530	5525	5530	5530	5528	5531	5533	5533	5535	5536	
G 45.0	5200	5200	5200	5199	5198	5202	5202	5200	5203	5208	
G 50.0	4849	4849	4849	4850	4852	4852	4852	4852	4854	4856	
G 55.0	4470	4465	4470	4472	4472	4473	4476	4478	4480	4482	
G 60.0	4045	4043	4045	4047	4050	4054	4056	4056	4058	4062	
G 65.0	3569	3569	3569	3569	3572	3580	3583	3583	3590	3598	
G 70.0	3018	3018	3018	3020	3026	3037	3047	3051	3053	3058	
G 75.0	2377	2375	2377	2384	2394	2400	2409	2422	2432	2439	
G 80.0	1641	1637	1641	1644	1648	1657	1673	1692	1708	1717	
G 85.0	796	791	796	800	805	810	831	858	863	865	
G 90.0	105	105	105	105	105	105	105	105	105	105	