

Luminaire

Code 90630L400

Name ROFY 85 /E D0400 LIGHT+ 830 LO

Measurem.

Code 4/8/2023

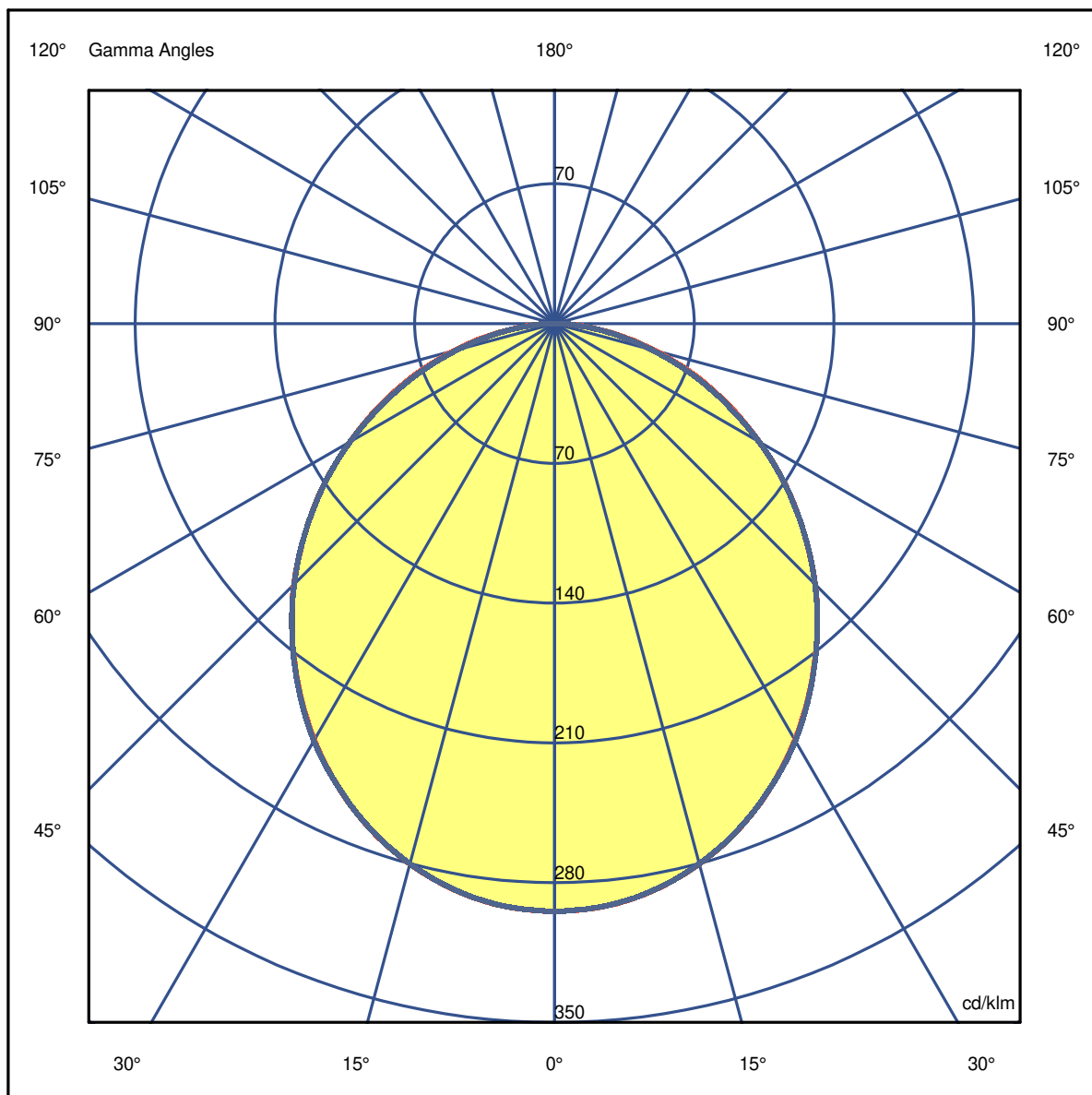
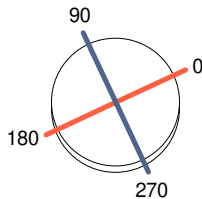
Name ROFY 85 /E D0400 LIGHT+ 830 LO

Luminaire Flux	2253 lm	Luminaire Power	16.5 W	Efficacy	136.768 lm/W	Efficiency	79.88%
Source Flux	2820 lm	Maximum value	294.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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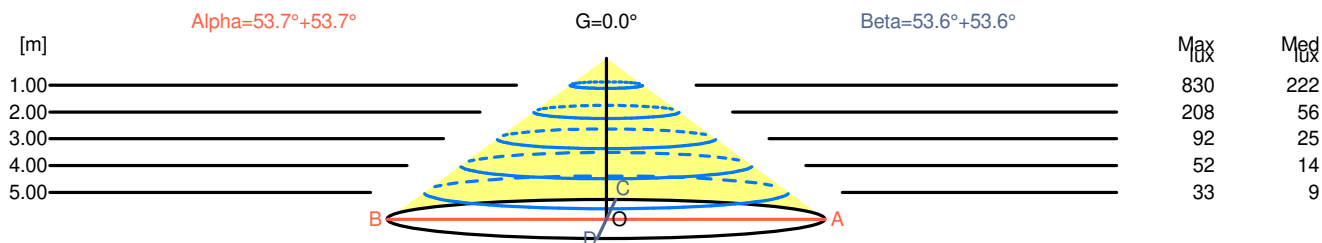
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Width at 50.00 % of Max Intensity

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	1.36	2.72	4.08	5.44	6.80	OC	1.36	2.72	4.07	5.43	6.79
OB	1.36	2.72	4.08	5.44	6.80	OD	1.36	2.72	4.07	5.43	6.79

	0	5	15	25	35	45	55	65	75	85
OA	830.21	825.70	789.88	722.48	629.42	520.85	398.75	270.44	146.08	40.04
OB	830.21	825.70	789.88	722.48	629.42	520.85	398.75	270.44	146.08	40.04
OC	830.21	825.41	789.60	722.48	630.27	520.29	397.90	267.34	141.00	37.22
OD	830.21	825.41	789.60	722.48	630.27	520.29	397.90	267.34	141.00	37.22



H[m]	D[m]	Max lux	Med lux	Alpha=53.7°+53.7°	G=0.0
1.00	2.72	830	222		
2.00	5.44	208	56		
3.00	8.16	92	25		
4.00	10.89	52	14		
5.00	13.61	33	9		

H[m]	D[m]	Max lux	Med lux	Beta=53.6°+53.6°	G=0.0
1.00	2.72	830	222		
2.00	5.43	208	56		
3.00	8.15	92	25		
4.00	10.87	52	14		
5.00	13.58	33	9		

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Source Flux	2820 lm	Maximum value	294.40 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	Lateral View					Viewed Endwise				
x=2H y=2H	17.7	19.0	18.0	19.2	19.5	17.7	19.0	18.0	19.2	19.5
x=2H y=3H	19.0	20.2	19.3	20.4	20.7	18.9	20.1	19.3	20.4	20.7
x=2H y=4H	19.4	20.6	19.8	20.8	21.1	19.4	20.5	19.7	20.8	21.1
x=2H y=6H	19.7	20.8	20.1	21.1	21.4	19.7	20.7	20.0	21.0	21.3
x=2H y=8H	19.8	20.8	20.1	21.1	21.4	19.7	20.7	20.1	21.0	21.3
x=2H y=12H	19.8	20.8	20.2	21.1	21.4	19.7	20.7	20.1	21.0	21.4
x=4H y=2H	18.3	19.4	18.6	19.7	20.0	18.3	19.4	18.6	19.7	20.0
x=4H y=3H	19.7	20.7	20.1	21.0	21.4	19.7	20.7	20.1	21.0	21.3
x=4H y=4H	20.3	21.1	20.7	21.5	21.9	20.3	21.1	20.7	21.5	21.8
x=4H y=6H	20.7	21.4	21.1	21.8	22.2	20.6	21.4	21.0	21.7	22.1
x=4H y=8H	20.8	21.5	21.2	21.9	22.3	20.7	21.4	21.2	21.8	22.2
x=4H y=12H	20.8	21.5	21.3	21.9	22.3	20.8	21.4	21.2	21.8	22.2
x=8H y=4H	20.5	21.2	20.9	21.6	22.0	20.5	21.2	20.9	21.5	22.0
x=8H y=6H	21.0	21.5	21.4	22.0	22.4	20.9	21.5	21.4	21.9	22.4
x=8H y=8H	21.2	21.6	21.6	22.1	22.6	21.1	21.6	21.5	22.0	22.5
x=8H y=12H	21.2	21.7	21.7	22.1	22.6	21.1	21.6	21.6	22.0	22.5
x=12H y=4H	20.5	21.1	21.0	21.5	22.0	20.5	21.1	20.9	21.5	21.9
x=12H y=6H	21.0	21.5	21.5	22.0	22.4	21.0	21.5	21.4	21.9	22.4
x=12H y=8H	21.2	21.6	21.7	22.1	22.6	21.1	21.5	21.6	22.0	22.5

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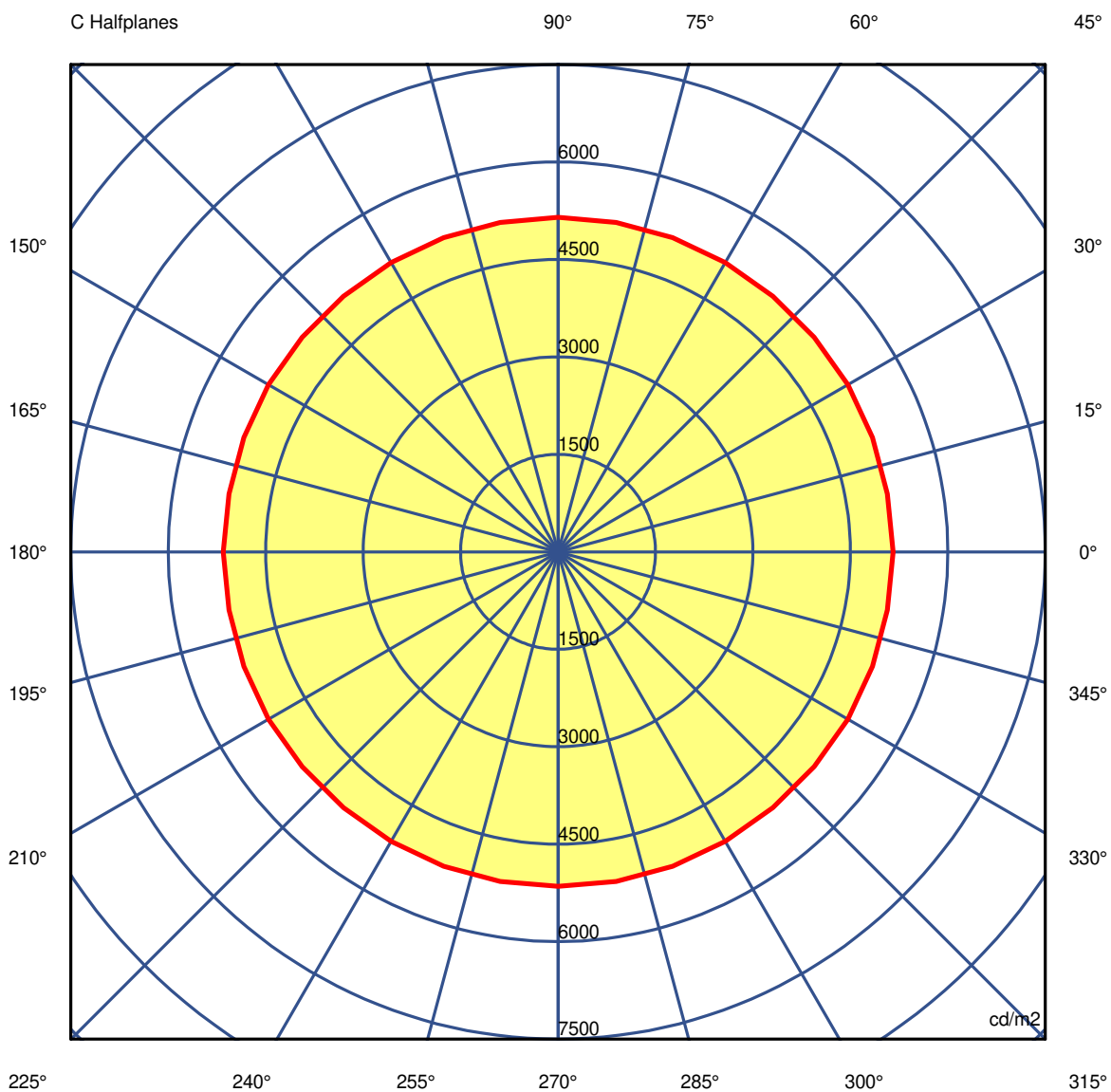
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Luminaire Flux	2253 lm	Luminaire Power	16.5 W	Efficacy	136.768 lm/W	Efficiency	79.88%
Source Flux	2820 lm	Maximum value	294.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Luminaire Flux	2253 lm		Luminaire Power		16.5 W		Efficacy		136.768 lm/W		Efficiency		79.88%	
Source Flux	2820 lm		Maximum value		294.40 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	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639	
G 5.0	7422	7424	7424	7422	7419	7421	7424	7421	7419	7419	7419	7421	7424	
G 10.0	7189	7189	7189	7189	7186	7188	7191	7190	7188	7186	7188	7190	7191	
G 15.0	6938	6940	6941	6941	6939	6940	6943	6941	6937	6936	6937	6941	6943	
G 20.0	6676	6676	6676	6676	6673	6676	6681	6678	6675	6674	6675	6678	6681	
G 25.0	6396	6398	6397	6396	6395	6396	6398	6402	6402	6396	6402	6402	6398	
G 30.0	6102	6104	6105	6105	6103	6102	6105	6106	6109	6115	6109	6106	6105	
G 35.0	5793	5800	5798	5795	5803	5811	5811	5803	5800	5800	5800	5803	5811	
G 40.0	5479	5481	5486	5492	5484	5479	5479	5479	5479	5479	5479	5479	5479	
G 45.0	5154	5147	5148	5151	5144	5140	5146	5148	5149	5149	5149	5148	5146	
G 50.0	4787	4787	4783	4778	4794	4805	4799	4783	4779	4790	4779	4783	4799	
G 55.0	4412	4405	4401	4397	4391	4393	4403	4406	4405	4403	4405	4406	4403	
G 60.0	3972	3980	3984	3982	3980	3980	3982	3984	3978	3966	3978	3984	3982	
G 65.0	3514	3502	3503	3511	3505	3495	3489	3489	3486	3474	3486	3489	3489	
G 70.0	3006	2977	2967	2965	2951	2955	2969	2951	2941	2941	2941	2951	2969	
G 75.0	2387	2379	2367	2355	2347	2346	2346	2332	2316	2304	2316	2332	2346	
G 80.0	1700	1691	1688	1684	1656	1649	1657	1633	1620	1620	1620	1633	1657	
G 85.0	919	919	917	913	889	880	880	868	857	854	857	868	880	
G 90.0	321	277	284	305	261	258	297	272	252	272	252	272	297	

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Source Flux	2820 lm		Maximum value		294.40 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	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639	
G 5.0	7421	7419	7422	7424	7424	7422	7424	7424	7422	7419	7421	7424	7421	
G 10.0	7188	7186	7189	7189	7189	7189	7189	7189	7189	7186	7188	7191	7190	
G 15.0	6940	6939	6941	6941	6940	6938	6940	6941	6941	6939	6940	6943	6941	
G 20.0	6676	6673	6676	6676	6676	6676	6676	6676	6676	6673	6676	6681	6678	
G 25.0	6396	6395	6396	6397	6398	6396	6398	6397	6396	6395	6396	6398	6402	
G 30.0	6102	6103	6105	6105	6104	6102	6104	6105	6105	6103	6102	6105	6106	
G 35.0	5811	5803	5795	5798	5800	5793	5800	5798	5795	5803	5811	5811	5803	
G 40.0	5479	5484	5492	5486	5481	5479	5481	5486	5492	5484	5479	5479	5479	
G 45.0	5140	5144	5151	5148	5147	5154	5147	5148	5151	5144	5140	5146	5148	
G 50.0	4805	4794	4778	4783	4787	4787	4787	4783	4778	4794	4805	4799	4783	
G 55.0	4393	4391	4397	4401	4405	4412	4405	4401	4397	4391	4393	4403	4406	
G 60.0	3980	3980	3982	3984	3980	3972	3980	3984	3982	3980	3980	3982	3984	
G 65.0	3495	3505	3511	3503	3502	3514	3502	3503	3511	3505	3495	3489	3489	
G 70.0	2955	2951	2965	2967	2977	3006	2977	2967	2965	2951	2955	2969	2951	
G 75.0	2346	2347	2355	2367	2379	2387	2379	2367	2355	2347	2346	2346	2332	
G 80.0	1649	1656	1684	1688	1691	1700	1691	1688	1684	1656	1649	1657	1633	
G 85.0	880	889	913	917	919	919	919	917	913	889	880	880	868	
G 90.0	258	261	305	284	277	321	277	284	305	261	258	297	272	

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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	7639	7639	7639	7639	7639	7639	7639	7639	7639	7639
G 5.0	7419	7419	7419	7421	7424	7421	7419	7422	7424	7424
G 10.0	7188	7186	7188	7190	7191	7188	7186	7189	7189	7189
G 15.0	6937	6936	6937	6941	6943	6940	6939	6941	6941	6940
G 20.0	6675	6674	6675	6678	6681	6676	6673	6676	6676	6676
G 25.0	6402	6396	6402	6402	6398	6396	6395	6396	6397	6398
G 30.0	6109	6115	6109	6106	6105	6102	6103	6105	6105	6104
G 35.0	5800	5800	5800	5803	5811	5811	5803	5795	5798	5800
G 40.0	5479	5479	5479	5479	5479	5479	5484	5492	5486	5481
G 45.0	5149	5149	5149	5148	5146	5140	5144	5151	5148	5147
G 50.0	4779	4790	4779	4783	4799	4805	4794	4778	4783	4787
G 55.0	4405	4403	4405	4406	4403	4393	4391	4397	4401	4405
G 60.0	3978	3966	3978	3984	3982	3980	3980	3982	3984	3980
G 65.0	3486	3474	3486	3489	3489	3495	3505	3511	3503	3502
G 70.0	2941	2941	2941	2951	2969	2955	2951	2965	2967	2977
G 75.0	2316	2304	2316	2332	2346	2346	2347	2355	2367	2379
G 80.0	1620	1620	1620	1633	1657	1649	1656	1684	1688	1691
G 85.0	857	854	857	868	880	880	889	913	917	919
G 90.0	252	272	252	272	297	258	261	305	284	277