

Luminaire

Code 90619L400
Name ROFY 85 D0400 LIGHT+ 830 HO

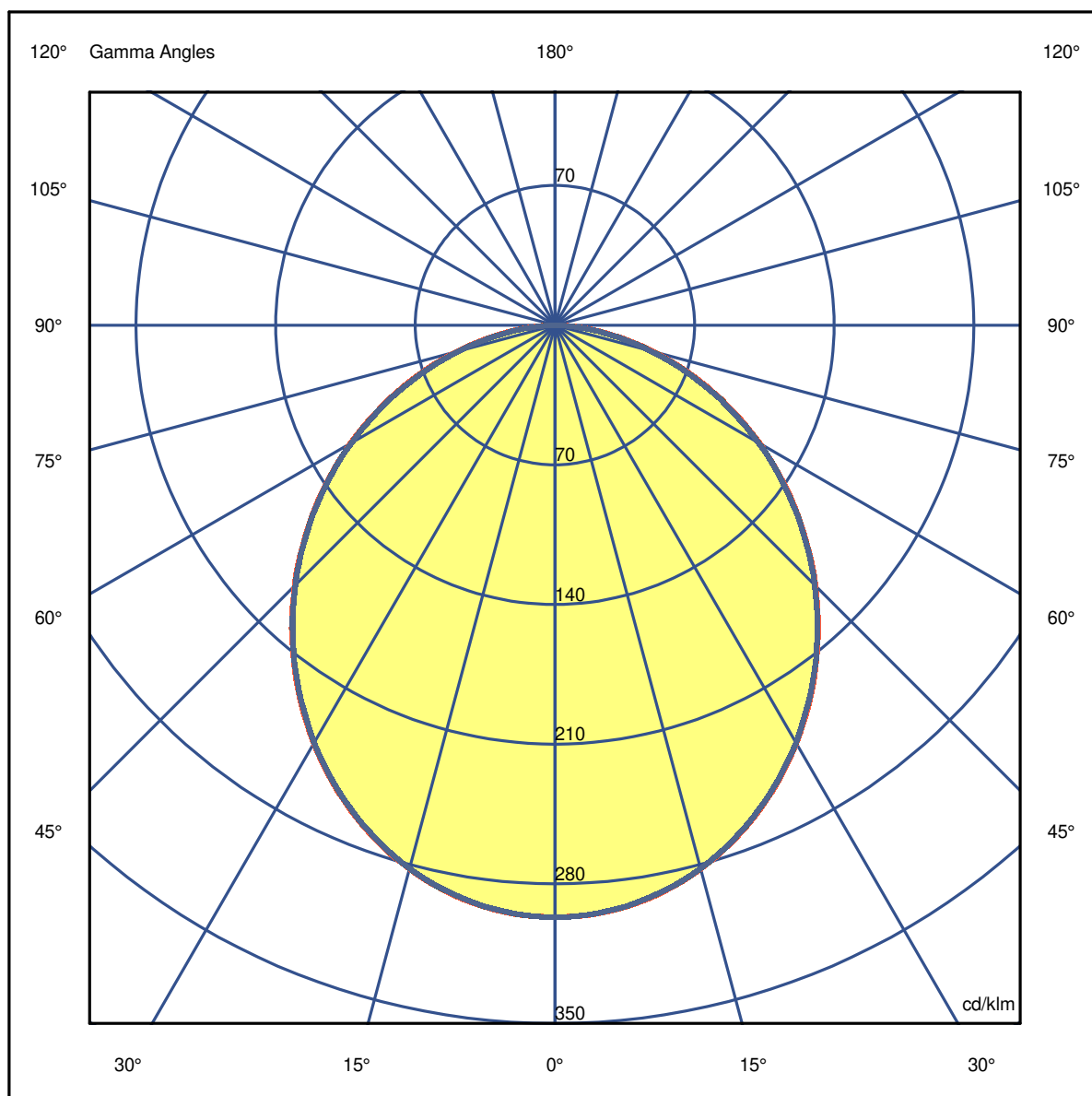
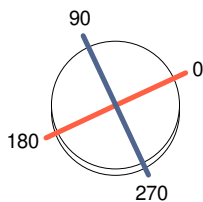
Measur.

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

Luminaire Flux	3257 lm	Luminaire Power	23.9 W	Efficacy	136.555 lm/W	Efficiency	79.57%
Source Flux	4093 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes



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Measurem.

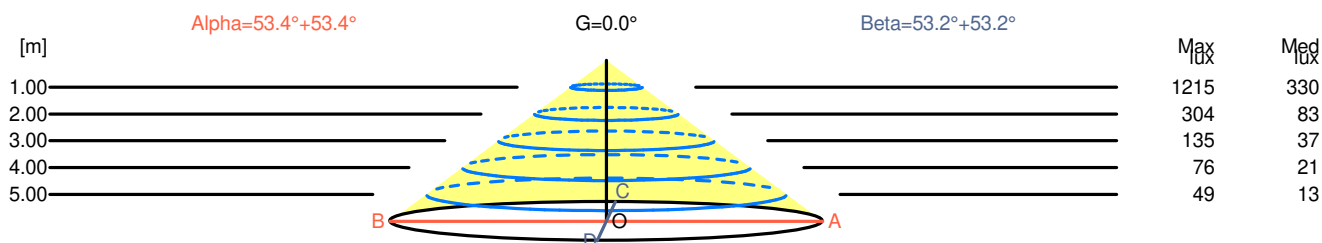
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Width at 50.00 % of Max Intensity

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	1.34	2.69	4.03	5.38	6.72	OC	1.34	2.67	4.01	5.35	6.68
OB	1.34	2.69	4.03	5.38	6.72	OD	1.34	2.67	4.01	5.35	6.68

	0	5	15	25	35	45	55	65	75	85
OA	1214.80	1207.84	1154.23	1054.77	917.65	755.98	577.11	390.88	207.92	51.16
OB	1214.80	1207.84	1154.23	1054.77	917.65	755.98	577.11	390.88	207.92	51.16
OC	1214.80	1206.62	1153.41	1052.31	916.01	753.52	574.66	387.61	202.60	47.07
OD	1214.80	1206.62	1153.41	1052.31	916.01	753.52	574.66	387.61	202.60	47.07



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0	
1.00	2.69	1215	330			
2.00	5.38	304	83			
3.00	8.07	135	37			
4.00	10.76	76	21			
5.00	13.44	49	13			

H[m]	D[m]	Max lux	Med lux	Beta=53.2°+53.2°	G=0.0	
1.00	2.67	1215	330			
2.00	5.35	304	83			
3.00	8.02	135	37			
4.00	10.69	76	21			
5.00	13.36	49	13			

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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	19.0	20.3	19.3	20.5	20.7	19.0	20.3	19.3	20.5	20.7
x=2H y=3H	20.2	21.4	20.6	21.7	22.0	20.2	21.4	20.5	21.7	21.9
x=2H y=4H	20.7	21.8	21.0	22.1	22.4	20.6	21.8	21.0	22.0	22.3
x=2H y=6H	21.0	22.0	21.3	22.3	22.6	20.9	21.9	21.3	22.2	22.5
x=2H y=8H	21.0	22.0	21.4	22.3	22.7	21.0	21.9	21.3	22.3	22.6
x=2H y=12H	21.1	22.0	21.4	22.3	22.7	21.0	21.9	21.3	22.2	22.6
x=4H y=2H	19.5	20.7	19.9	21.0	21.2	19.5	20.6	19.9	20.9	21.2
x=4H y=3H	21.0	22.0	21.4	22.3	22.6	21.0	21.9	21.3	22.2	22.6
x=4H y=4H	21.6	22.4	22.0	22.8	23.1	21.5	22.4	21.9	22.7	23.1
x=4H y=6H	21.9	22.7	22.4	23.0	23.5	21.9	22.6	22.3	23.0	23.4
x=4H y=8H	22.0	22.7	22.5	23.1	23.5	22.0	22.6	22.4	23.0	23.4
x=4H y=12H	22.1	22.7	22.5	23.1	23.5	22.0	22.6	22.4	23.0	23.4
x=8H y=4H	21.8	22.4	22.2	22.8	23.3	21.7	22.4	22.2	22.8	23.2
x=8H y=6H	22.2	22.8	22.7	23.2	23.7	22.2	22.7	22.6	23.2	23.6
x=8H y=8H	22.4	22.9	22.9	23.3	23.8	22.3	22.8	22.8	23.2	23.7
x=8H y=12H	22.5	22.9	23.0	23.4	23.9	22.4	22.8	22.9	23.3	23.8
x=12H y=4H	21.8	22.4	22.2	22.8	23.2	21.7	22.3	22.2	22.7	23.2
x=12H y=6H	22.3	22.7	22.7	23.2	23.7	22.2	22.7	22.7	23.1	23.6
x=12H y=8H	22.4	22.9	22.9	23.3	23.8	22.4	22.8	22.8	23.2	23.7

Luminaire

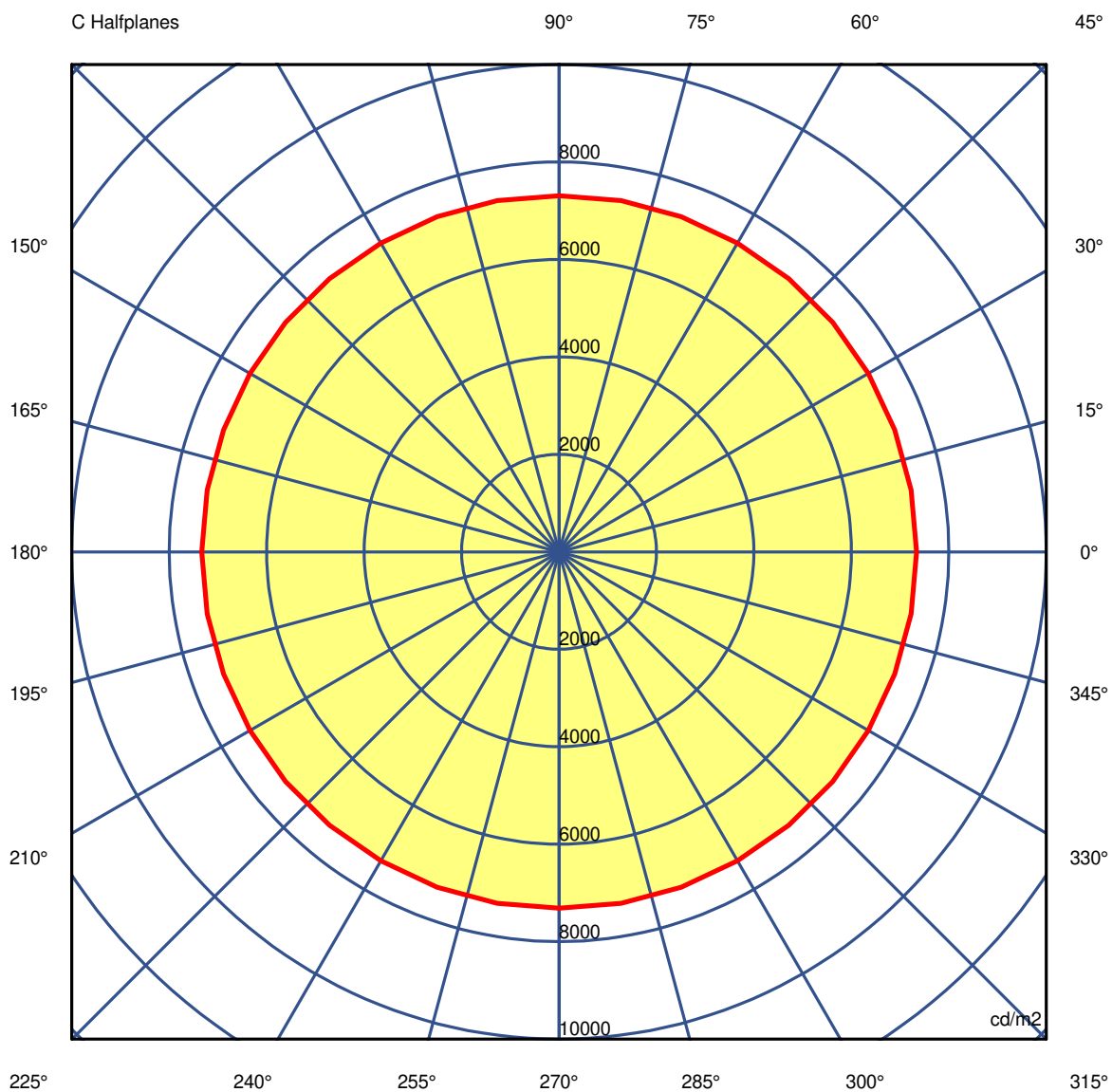
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Luminaire Flux	3257 lm	Luminaire Power	23.9 W	Efficacy	136.555 lm/W	Efficiency	79.57%
Source Flux	4093 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	3257 lm		Luminaire Power		23.9 W		Efficacy		136.555 lm/W		Efficiency		79.57%	
Source Flux	4093 lm		Maximum value		296.80 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	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	
G 5.0	10431	10431	10431	10431	10434	10433	10431	10434	10432	10420	10432	10434	10431	
G 10.0	10126	10130	10128	10123	10124	10128	10130	10129	10123	10112	10123	10129	10130	
G 15.0	9789	9794	9797	9796	9793	9794	9796	9795	9790	9782	9790	9795	9796	
G 20.0	9437	9441	9439	9434	9434	9434	9434	9434	9431	9420	9431	9434	9434	
G 25.0	9059	9056	9055	9055	9055	9054	9052	9050	9045	9038	9045	9050	9052	
G 30.0	8657	8657	8656	8654	8657	8655	8650	8652	8653	8646	8653	8652	8650	
G 35.0	8235	8235	8234	8232	8232	8231	8228	8228	8226	8221	8226	8228	8228	
G 40.0	7795	7795	7792	7787	7790	7791	7787	7787	7785	7776	7785	7787	7787	
G 45.0	7337	7335	7330	7325	7329	7325	7317	7323	7324	7313	7324	7323	7317	
G 50.0	6841	6837	6838	6841	6836	6831	6828	6826	6822	6816	6822	6826	6828	
G 55.0	6307	6307	6304	6298	6293	6295	6298	6293	6285	6280	6285	6293	6298	
G 60.0	5733	5726	5721	5718	5711	5707	5704	5697	5692	5689	5692	5697	5704	
G 65.0	5063	5060	5056	5052	5049	5044	5036	5033	5028	5021	5028	5033	5036	
G 70.0	4321	4308	4302	4298	4282	4268	4262	4259	4253	4244	4253	4259	4262	
G 75.0	3434	3429	3424	3414	3391	3371	3359	3354	3351	3346	3351	3354	3359	
G 80.0	2416	2412	2401	2384	2370	2347	2321	2314	2309	2297	2309	2314	2321	
G 85.0	1216	1227	1219	1197	1177	1157	1139	1131	1126	1119	1126	1131	1139	
G 90.0	152	142	139	139	139	139	139	139	139	139	139	139	139	

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Source Flux		4093 lm		Maximum value		296.80 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	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711	
G 5.0	10433	10434	10431	10431	10431	10431	10431	10431	10431	10431	10431	10431	10431	10431	10434	10433	10431	10434	10433	10431	10434	10433	10431	10434	10433	
G 10.0	10128	10124	10123	10128	10130	10126	10130	10128	10123	10124	10128	10130	10129	10128	10130	10129	10128	10130	10129	10128	10130	10129	10128	10130	10129	10128
G 15.0	9794	9793	9796	9797	9794	9789	9794	9797	9796	9793	9794	9796	9795	9794	9796	9795	9794	9796	9795	9794	9796	9795	9794	9796	9795	9794
G 20.0	9434	9434	9434	9439	9441	9437	9441	9439	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434	9434
G 25.0	9054	9055	9055	9055	9056	9059	9056	9055	9055	9055	9055	9055	9055	9055	9054	9052	9050	9054	9053	9054	9053	9054	9053	9054	9053	9050
G 30.0	8655	8657	8654	8656	8657	8657	8657	8656	8654	8657	8655	8654	8657	8655	8650	8652	8650	8654	8653	8654	8653	8654	8653	8654	8653	8650
G 35.0	8231	8232	8232	8234	8235	8235	8235	8234	8232	8232	8231	8228	8228	8228	8231	8228	8228	8231	8228	8228	8231	8228	8228	8231	8228	8228
G 40.0	7791	7790	7787	7792	7795	7795	7795	7792	7787	7790	7791	7787	7787	7787	7791	7787	7787	7791	7787	7787	7791	7787	7787	7791	7787	7787
G 45.0	7325	7329	7325	7330	7335	7337	7335	7330	7325	7329	7325	7325	7325	7325	7325	7325	7325	7325	7325	7325	7325	7325	7325	7325	7325	7323
G 50.0	6831	6836	6841	6838	6837	6841	6837	6838	6841	6836	6831	6828	6826	6826	6831	6828	6826	6831	6828	6826	6831	6828	6826	6831	6828	6826
G 55.0	6295	6293	6298	6304	6307	6307	6307	6304	6298	6293	6295	6298	6299	6295	6298	6299	6295	6298	6299	6295	6298	6299	6295	6298	6299	6293
G 60.0	5707	5711	5718	5721	5726	5733	5726	5721	5718	5711	5707	5704	5697	5704	5707	5704	5697	5704	5707	5704	5697	5704	5707	5704	5697	5697
G 65.0	5044	5049	5052	5056	5060	5063	5060	5056	5052	5049	5044	5036	5033	5044	5036	5033	5044	5036	5033	5044	5036	5033	5044	5036	5033	5033
G 70.0	4268	4282	4298	4302	4308	4321	4308	4302	4298	4282	4268	4262	4259	4268	4282	4268	4259	4268	4282	4268	4259	4268	4282	4268	4259	4259
G 75.0	3371	3391	3414	3424	3429	3434	3429	3424	3414	3391	3371	3359	3354	3371	3359	3354	3371	3359	3354	3371	3359	3354	3371	3359	3354	3354
G 80.0	2347	2370	2384	2401	2412	2416	2412	2401	2384	2370	2347	2321	2314	2347	2321	2314	2347	2321	2314	2347	2321	2314	2347	2321	2314	2314
G 85.0	1157	1177	1197	1219	1227	1216	1227	1219	1197	1177	1157	1139	1131	1157	1139	1131	1157	1139	1131	1157	1139	1131	1157	1139	1131	1131
G 90.0	139	139	139	139	142	152	142	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139	139

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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	10711	10711	10711	10711	10711	10711	10711	10711	10711	10711
G 5.0	10432	10420	10432	10434	10431	10433	10434	10431	10431	10431
G 10.0	10123	10112	10123	10129	10130	10128	10124	10123	10128	10130
G 15.0	9790	9782	9790	9795	9796	9794	9793	9796	9797	9794
G 20.0	9431	9420	9431	9434	9434	9434	9434	9434	9439	9441
G 25.0	9045	9038	9045	9050	9052	9054	9055	9055	9055	9056
G 30.0	8653	8646	8653	8652	8650	8655	8657	8654	8656	8657
G 35.0	8226	8221	8226	8228	8228	8231	8232	8232	8234	8235
G 40.0	7785	7776	7785	7787	7787	7791	7790	7787	7792	7795
G 45.0	7324	7313	7324	7323	7317	7325	7329	7325	7330	7335
G 50.0	6822	6816	6822	6826	6828	6831	6836	6841	6838	6837
G 55.0	6285	6280	6285	6293	6298	6295	6293	6298	6304	6307
G 60.0	5692	5689	5692	5697	5704	5707	5711	5718	5721	5726
G 65.0	5028	5021	5028	5033	5036	5044	5049	5052	5056	5060
G 70.0	4253	4244	4253	4259	4262	4268	4282	4298	4302	4308
G 75.0	3351	3346	3351	3354	3359	3371	3391	3414	3424	3429
G 80.0	2309	2297	2309	2314	2321	2347	2370	2384	2401	2412
G 85.0	1126	1119	1126	1131	1139	1157	1177	1197	1219	1227
G 90.0	139	139	139	139	139	139	139	139	139	142