

**Luminaire**

Code 90628L115  
Name ROFY 85 D1150 LIGHT+ 840 LO

**Measurem.**

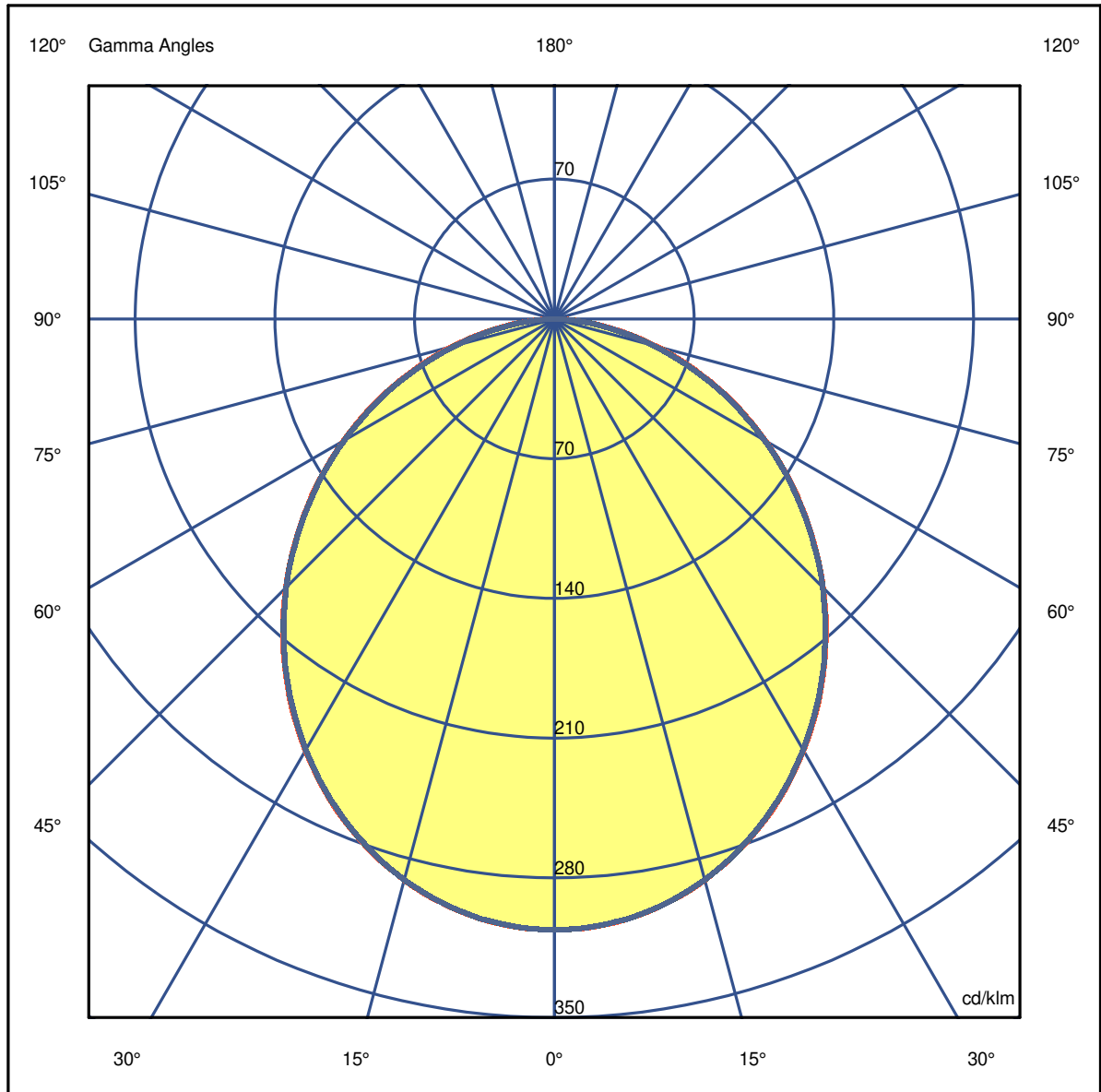
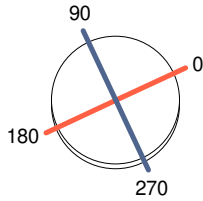
Code 4/8/2023  
Name ROFY 85 D1150 LIGHT+ 840 LO

Luminaire Flux	13880 lm	Luminaire Power	89.2 W	Efficacy	155.530 lm/W	Efficiency	82.03%
Source Flux	16920 lm	Maximum value	305.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ———— 0.0  
270.0 ———— 90.0



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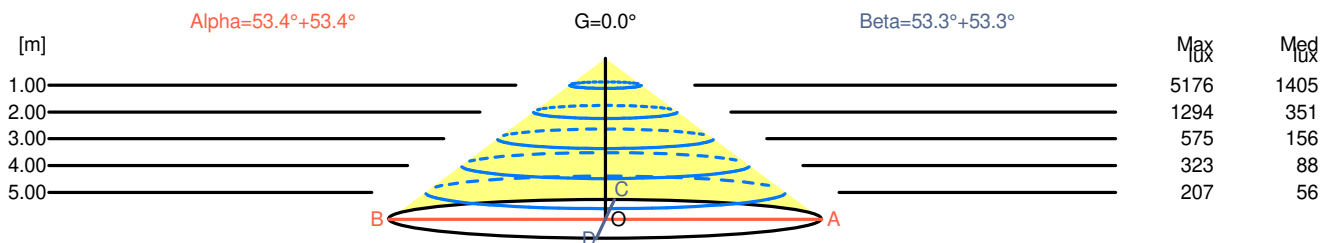
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Width at 50.00 % of Max Intensity

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	1.34	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

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5175.83	5148.76	4923.72	4497.34	3915.29	3221.57	2461.86	1670.00	888.30	218.27
OB	5175.83	5148.76	4923.72	4497.34	3915.29	3221.57	2461.86	1670.00	888.30	218.27
OC	5175.83	5145.37	4922.03	4492.26	3906.83	3214.80	2451.71	1653.08	862.92	199.66
OD	5175.83	5145.37	4922.03	4492.26	3906.83	3214.80	2451.71	1653.08	862.92	199.66



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0
1.00	2.69	5176	1405		
2.00	5.38	1294	351		
3.00	8.07	575	156		
4.00	10.76	323	88		
5.00	13.45	207	56		

H[m]	D[m]	Max lux	Med lux	Beta=53.3°+53.3°	G=0.0
1.00	2.68	5176	1405		
2.00	5.36	1294	351		
3.00	8.04	575	156		
4.00	10.72	323	88		
5.00	13.39	207	56		

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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	17.2	18.5	17.5	18.7	18.9	17.2	18.5	17.4	18.7	18.9
x=2H y=3H	18.6	19.8	18.9	20.0	20.3	18.6	19.7	18.9	20.0	20.3
x=2H y=4H	19.1	20.2	19.5	20.5	20.8	19.1	20.2	19.4	20.5	20.8
x=2H y=6H	19.5	20.5	19.8	20.8	21.1	19.4	20.4	19.7	20.7	21.0
x=2H y=8H	19.6	20.6	19.9	20.9	21.2	19.5	20.5	19.8	20.8	21.1
x=2H y=12H	19.6	20.5	20.0	20.9	21.2	19.5	20.4	19.9	20.8	21.1
x=4H y=2H	17.8	18.9	18.1	19.2	19.5	17.8	18.9	18.1	19.2	19.5
x=4H y=3H	19.4	20.3	19.8	20.7	21.0	19.4	20.3	19.7	20.6	21.0
x=4H y=4H	20.0	20.9	20.4	21.2	21.6	20.0	20.8	20.4	21.2	21.5
x=4H y=6H	20.5	21.2	20.9	21.6	22.0	20.4	21.2	20.8	21.5	21.9
x=4H y=8H	20.6	21.3	21.1	21.7	22.1	20.5	21.2	21.0	21.6	22.0
x=4H y=12H	20.7	21.3	21.2	21.7	22.2	20.6	21.2	21.0	21.6	22.1
x=8H y=4H	20.3	21.0	20.7	21.4	21.8	20.2	20.9	20.7	21.3	21.7
x=8H y=6H	20.9	21.4	21.3	21.8	22.3	20.8	21.3	21.2	21.8	22.2
x=8H y=8H	21.1	21.6	21.5	22.0	22.5	21.0	21.5	21.4	21.9	22.4
x=8H y=12H	21.2	21.6	21.7	22.1	22.6	21.1	21.5	21.6	21.9	22.5
x=12H y=4H	20.3	20.9	20.7	21.3	21.7	20.2	20.9	20.7	21.3	21.7
x=12H y=6H	20.9	21.4	21.4	21.8	22.3	20.8	21.3	21.3	21.7	22.2
x=12H y=8H	21.1	21.5	21.6	22.0	22.5	21.0	21.4	21.5	21.9	22.4

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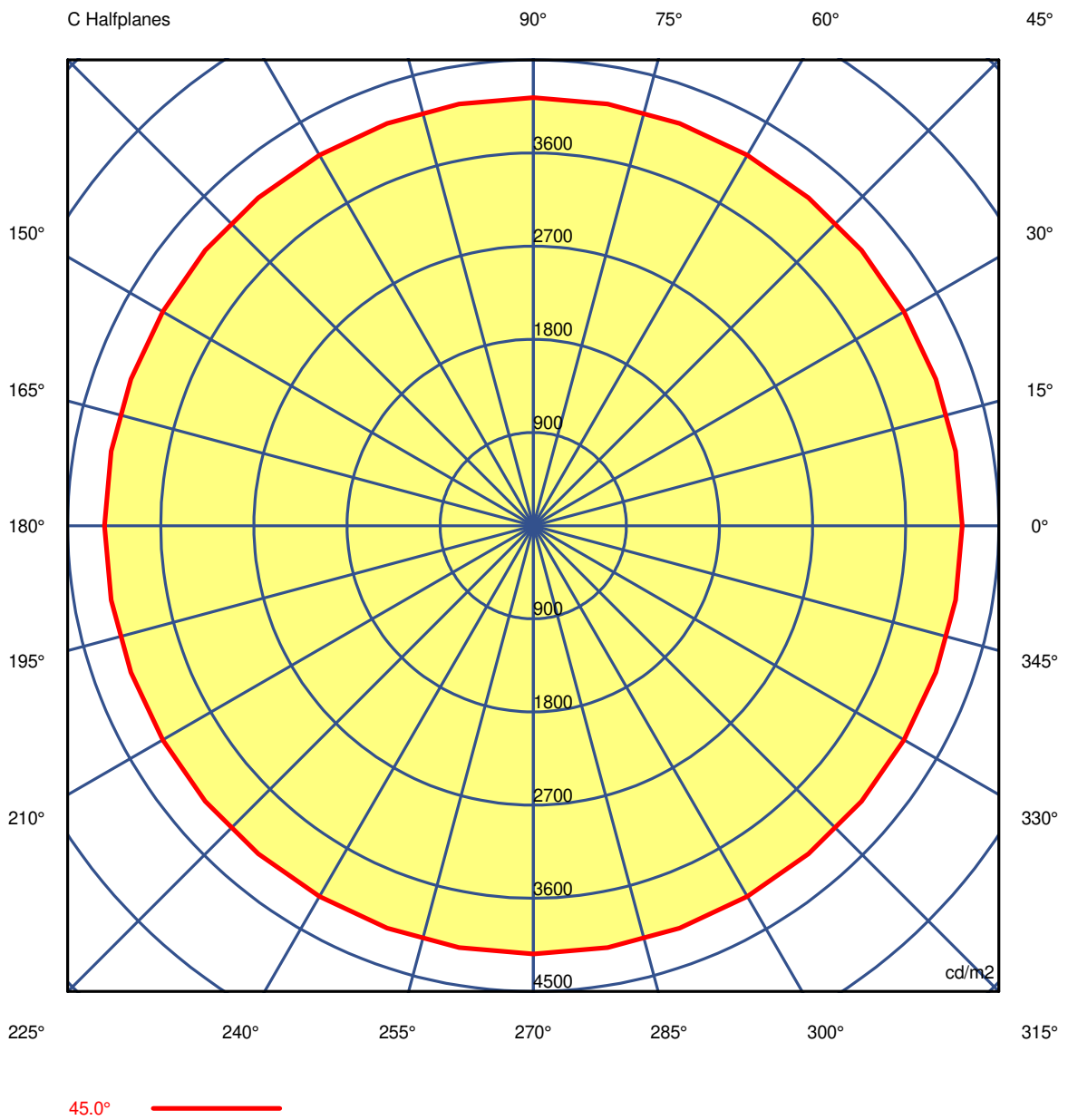
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Luminance



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**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	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161
G 5.0	5111	5110	5108	5106	5108	5109	5109	5110	5110	5107	5110	5110	5109
G 10.0	5041	5040	5038	5036	5037	5040	5041	5038	5037	5039	5037	5038	5041
G 15.0	4956	4955	4953	4951	4951	4953	4954	4951	4951	4954	4951	4951	4954
G 20.0	4853	4852	4849	4847	4850	4851	4849	4849	4849	4847	4849	4849	4849
G 25.0	4737	4734	4731	4729	4732	4733	4731	4730	4730	4731	4730	4730	4731
G 30.0	4606	4605	4603	4602	4604	4603	4600	4600	4600	4600	4600	4600	4600
G 35.0	4466	4462	4461	4461	4459	4460	4463	4459	4457	4457	4457	4459	4463
G 40.0	4308	4308	4307	4305	4305	4304	4301	4303	4303	4299	4303	4303	4301
G 45.0	4146	4143	4140	4137	4139	4138	4135	4136	4137	4137	4137	4136	4135
G 50.0	3963	3961	3959	3958	3958	3958	3958	3956	3955	3955	3955	3956	3958
G 55.0	3765	3763	3761	3760	3758	3756	3755	3755	3753	3749	3753	3755	3755
G 60.0	3534	3530	3527	3525	3525	3524	3519	3517	3516	3514	3516	3517	3519
G 65.0	3269	3263	3255	3249	3249	3246	3239	3236	3236	3236	3236	3236	3239
G 70.0	2937	2928	2923	2921	2917	2908	2898	2891	2890	2890	2890	2891	2898
G 75.0	2521	2515	2508	2497	2484	2474	2468	2458	2451	2449	2451	2458	2468
G 80.0	1977	1974	1964	1945	1924	1906	1895	1890	1887	1883	1887	1890	1895
G 85.0	1192	1192	1189	1183	1146	1117	1109	1103	1097	1090	1097	1103	1109
G 90.0	211	211	211	211	211	211	211	211	211	211	211	211	211

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**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	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161
G 5.0	5109	5108	5106	5108	5110	5111	5110	5108	5106	5108	5109	5109	5110
G 10.0	5040	5037	5036	5038	5040	5041	5040	5038	5036	5037	5040	5041	5038
G 15.0	4953	4951	4951	4953	4955	4956	4955	4953	4951	4951	4953	4954	4951
G 20.0	4851	4850	4847	4849	4852	4853	4852	4849	4847	4850	4851	4849	4849
G 25.0	4733	4732	4729	4731	4734	4737	4734	4731	4729	4732	4733	4731	4730
G 30.0	4603	4604	4602	4603	4605	4606	4605	4603	4602	4604	4603	4600	4600
G 35.0	4460	4459	4461	4461	4462	4466	4462	4461	4461	4459	4460	4463	4459
G 40.0	4304	4305	4305	4307	4308	4308	4308	4307	4305	4305	4304	4301	4303
G 45.0	4138	4139	4137	4140	4143	4146	4143	4140	4137	4139	4138	4135	4136
G 50.0	3958	3958	3958	3959	3961	3963	3961	3959	3958	3958	3958	3958	3956
G 55.0	3756	3758	3760	3761	3763	3765	3763	3761	3760	3758	3756	3755	3755
G 60.0	3524	3525	3525	3527	3530	3534	3530	3527	3525	3525	3524	3519	3517
G 65.0	3246	3249	3249	3255	3263	3269	3263	3255	3249	3249	3246	3239	3236
G 70.0	2908	2917	2921	2923	2928	2937	2928	2923	2921	2917	2908	2898	2891
G 75.0	2474	2484	2497	2508	2515	2521	2515	2508	2497	2484	2474	2468	2458
G 80.0	1906	1924	1945	1964	1974	1977	1974	1964	1945	1924	1906	1895	1890
G 85.0	1117	1146	1183	1189	1192	1192	1192	1189	1183	1146	1117	1109	1103
G 90.0	211	211	211	211	211	211	211	211	211	211	211	211	211

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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	5161	5161	5161	5161	5161	5161	5161	5161	5161	5161
G 5.0	5110	5107	5110	5110	5109	5109	5108	5106	5108	5110
G 10.0	5037	5039	5037	5038	5041	5040	5037	5036	5038	5040
G 15.0	4951	4954	4951	4951	4954	4953	4951	4951	4953	4955
G 20.0	4849	4847	4849	4849	4849	4851	4850	4847	4849	4852
G 25.0	4730	4731	4730	4730	4731	4733	4732	4729	4731	4734
G 30.0	4600	4600	4600	4600	4600	4603	4604	4602	4603	4605
G 35.0	4457	4457	4457	4459	4463	4460	4459	4461	4461	4462
G 40.0	4303	4299	4303	4303	4301	4304	4305	4305	4307	4308
G 45.0	4137	4137	4137	4136	4135	4138	4139	4137	4140	4143
G 50.0	3955	3955	3955	3956	3958	3958	3958	3958	3959	3961
G 55.0	3753	3749	3753	3755	3755	3756	3758	3760	3761	3763
G 60.0	3516	3514	3516	3517	3519	3524	3525	3525	3527	3530
G 65.0	3236	3236	3236	3236	3239	3246	3249	3249	3255	3263
G 70.0	2890	2890	2890	2891	2898	2908	2917	2921	2923	2928
G 75.0	2451	2449	2451	2458	2468	2474	2484	2497	2508	2515
G 80.0	1887	1883	1887	1890	1895	1906	1924	1945	1964	1974
G 85.0	1097	1090	1097	1103	1109	1117	1146	1183	1189	1192
G 90.0	211	211	211	211	211	211	211	211	211	211