

Luminaire

Code 90594L400
Name ROFY 60 /T D/I D0400 LIGHT+ 830 LO

Measurem.

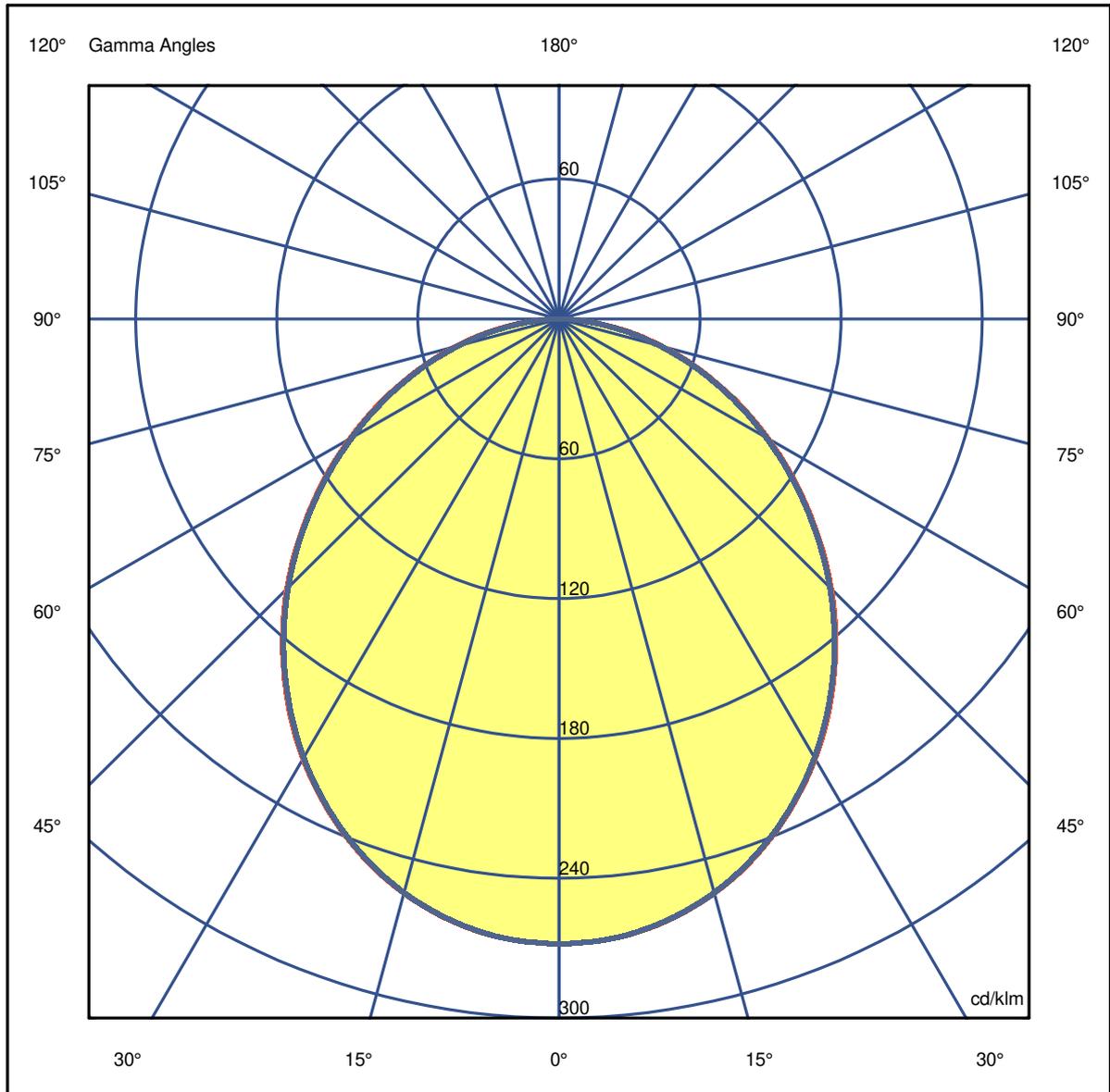
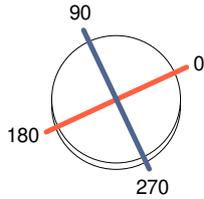
Code 4/8/2023
Name ROFY 60 /T D/I D0400 LIGHT+ 830 LO

Luminaire Flux	2667 lm	Luminaire Power	22.1 W	Efficacy	120.642 lm/W	Efficiency	70.79%
Source Flux	3768 lm	Maximum value	268.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=518mm

C Halfplanes

180.0  0.0
270.0  90.0



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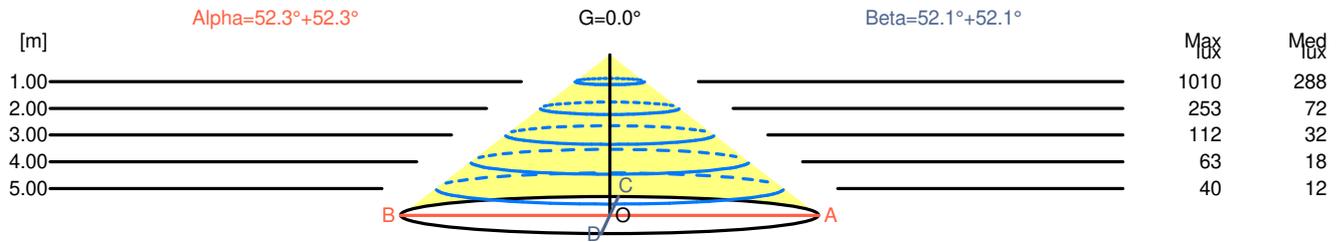
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Width at 50.00 % of Max Intensity

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	1.29	2.58	3.87	5.17	6.46	OC	1.28	2.57	3.85	5.14	6.42
OB	1.29	2.58	3.87	5.17	6.46	OD	1.28	2.57	3.85	5.14	6.42

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1010.20	1004.93	960.84	875.68	757.74	616.82	462.71	311.24	169.56	42.20
OB	1010.20	1004.93	960.84	875.68	757.74	616.82	462.71	311.24	169.56	42.20
OC	1010.20	1004.93	960.46	874.18	755.48	614.18	460.07	308.60	166.55	41.07
OD	1010.20	1004.93	960.46	874.18	755.48	614.18	460.07	308.60	166.55	41.07



H[m]	D[m]	Max lux	Med lux	Alpha=52.3°+52.3°	G=0.0	
1.00	2.58	1010	288			
2.00	5.17	253	72			
3.00	7.75	112	32			
4.00	10.33	63	18			
5.00	12.92	40	12			

H[m]	D[m]	Max lux	Med lux	Beta=52.1°+52.1°	G=0.0	
1.00	2.57	1010	288			
2.00	5.14	253	72			
3.00	7.70	112	32			
4.00	10.27	63	18			
5.00	12.84	40	12			

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Source Flux	3768 lm	Maximum value	268.10 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	16.1	17.4	16.4	17.6	17.8	16.0	17.3	16.3	17.6	17.8
x=2H y=3H	17.3	18.5	17.6	18.8	19.0	17.3	18.4	17.6	18.7	19.0
x=2H y=4H	17.8	18.9	18.1	19.2	19.4	17.7	18.8	18.1	19.1	19.4
x=2H y=6H	18.0	19.1	18.4	19.4	19.7	18.0	19.0	18.3	19.3	19.6
x=2H y=8H	18.1	19.1	18.5	19.4	19.7	18.0	19.0	18.4	19.3	19.7
x=2H y=12H	18.1	19.1	18.5	19.4	19.7	18.1	19.0	18.4	19.3	19.7
x=4H y=2H	16.6	17.7	17.0	18.0	18.3	16.6	17.7	17.0	18.0	18.3
x=4H y=3H	18.1	19.0	18.4	19.3	19.7	18.0	19.0	18.4	19.3	19.6
x=4H y=4H	18.6	19.5	19.0	19.8	20.2	18.6	19.4	19.0	19.7	20.1
x=4H y=6H	19.0	19.7	19.4	20.1	20.5	18.9	19.7	19.4	20.0	20.4
x=4H y=8H	19.1	19.8	19.5	20.2	20.6	19.1	19.7	19.5	20.1	20.5
x=4H y=12H	19.1	19.8	19.6	20.2	20.6	19.1	19.7	19.5	20.1	20.5
x=8H y=4H	18.8	19.5	19.3	19.9	20.3	18.8	19.5	19.2	19.9	20.3
x=8H y=6H	19.3	19.9	19.8	20.3	20.7	19.3	19.8	19.7	20.2	20.7
x=8H y=8H	19.5	19.9	19.9	20.4	20.9	19.4	19.9	19.9	20.3	20.8
x=8H y=12H	19.5	19.9	20.0	20.4	20.9	19.5	19.9	20.0	20.3	20.9
x=12H y=4H	18.8	19.4	19.3	19.8	20.3	18.8	19.4	19.2	19.8	20.2
x=12H y=6H	19.3	19.8	19.8	20.3	20.7	19.3	19.8	19.8	20.2	20.7
x=12H y=8H	19.5	19.9	20.0	20.4	20.9	19.4	19.9	19.9	20.3	20.8

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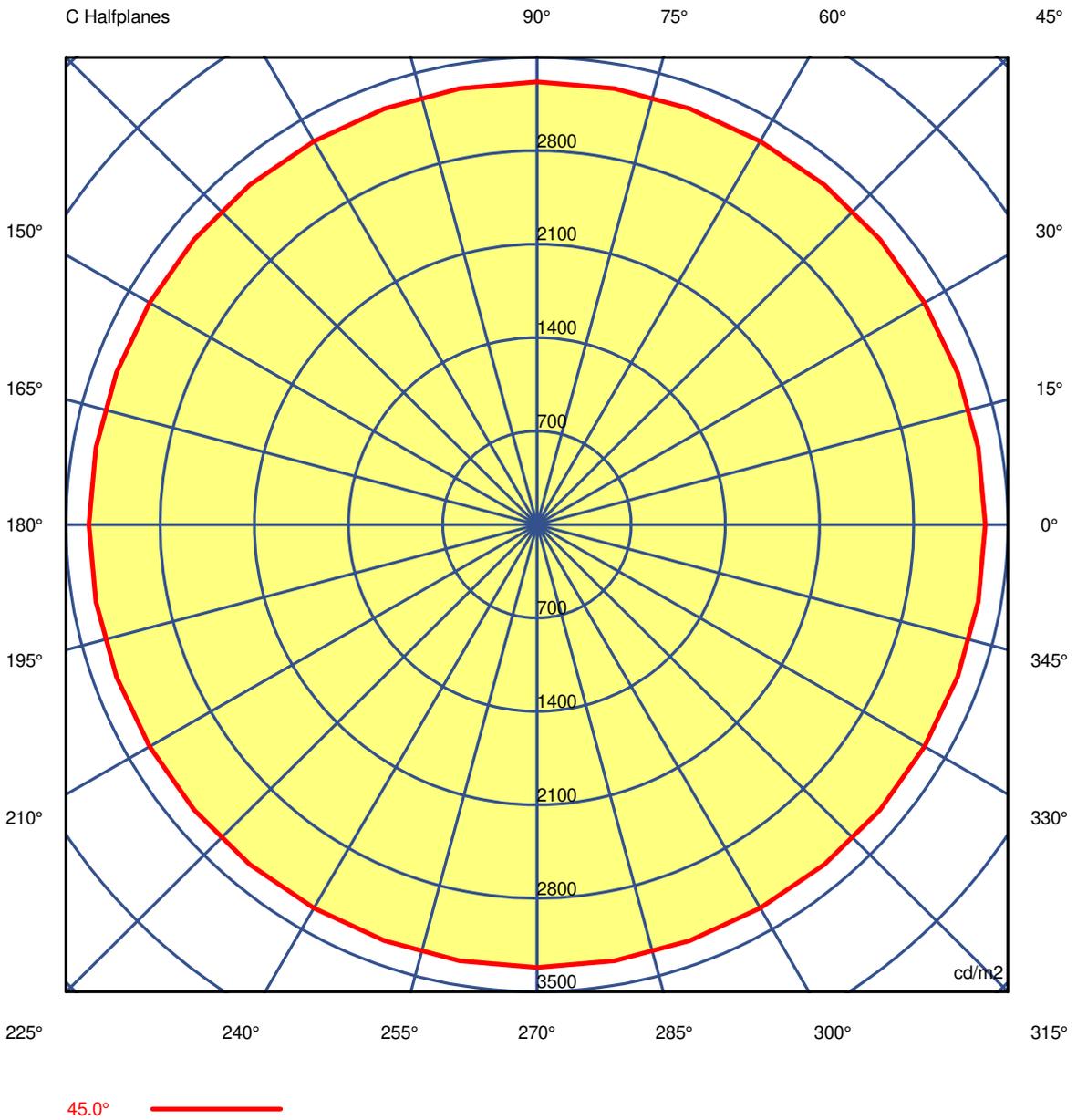
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Source Flux	3768 lm	Maximum value	268.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145
G 5.0	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992
G 10.0	4827	4826	4825	4825	4825	4825	4825	4825	4825	4825	4825	4825	4825
G 15.0	4650	4649	4649	4649	4649	4648	4647	4647	4647	4649	4647	4647	4647
G 20.0	4462	4462	4461	4460	4460	4459	4458	4458	4458	4456	4458	4458	4458
G 25.0	4258	4257	4257	4257	4254	4253	4253	4253	4252	4251	4252	4253	4253
G 30.0	4047	4046	4044	4043	4042	4041	4039	4038	4038	4038	4038	4038	4039
G 35.0	3819	3819	3818	3815	3814	3812	3810	3810	3809	3808	3809	3810	3810
G 40.0	3580	3580	3578	3576	3576	3574	3570	3570	3569	3568	3569	3570	3570
G 45.0	3331	3329	3327	3325	3325	3323	3317	3317	3317	3317	3317	3317	3317
G 50.0	3061	3060	3058	3057	3054	3051	3048	3048	3048	3046	3048	3048	3048
G 55.0	2783	2779	2778	2778	2774	2771	2771	2770	2768	2767	2768	2770	2771
G 60.0	2493	2492	2490	2486	2483	2480	2479	2477	2476	2474	2476	2477	2479
G 65.0	2187	2187	2185	2181	2178	2174	2171	2168	2168	2168	2168	2168	2171
G 70.0	1856	1854	1852	1847	1843	1841	1841	1835	1832	1836	1832	1835	1841
G 75.0	1486	1484	1482	1480	1479	1472	1463	1463	1462	1460	1462	1463	1463
G 80.0	1047	1052	1047	1039	1039	1038	1032	1029	1027	1024	1027	1029	1032
G 85.0	512	516	517	517	515	509	503	503	502	499	502	503	503
G 90.0	81	81	81	81	81	81	81	81	81	81	81	81	81

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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	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145
G 5.0	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992
G 10.0	4825	4825	4825	4825	4825	4826	4827	4826	4825	4825	4825	4825	4825
G 15.0	4648	4649	4649	4649	4649	4650	4649	4649	4649	4649	4648	4647	4647
G 20.0	4459	4460	4460	4461	4462	4462	4462	4461	4460	4460	4459	4458	4458
G 25.0	4253	4254	4257	4257	4257	4258	4257	4257	4257	4254	4253	4253	4253
G 30.0	4041	4042	4043	4044	4046	4047	4046	4044	4043	4042	4041	4039	4038
G 35.0	3812	3814	3815	3818	3819	3819	3819	3818	3815	3814	3812	3810	3810
G 40.0	3574	3576	3576	3578	3580	3580	3580	3578	3576	3576	3574	3570	3570
G 45.0	3323	3325	3325	3327	3329	3331	3329	3327	3325	3325	3323	3317	3317
G 50.0	3051	3054	3057	3058	3060	3061	3060	3058	3057	3054	3051	3048	3048
G 55.0	2771	2774	2778	2778	2779	2783	2779	2778	2778	2774	2771	2771	2770
G 60.0	2480	2483	2486	2490	2492	2493	2492	2490	2486	2483	2480	2479	2477
G 65.0	2174	2178	2181	2185	2187	2187	2187	2185	2181	2178	2174	2171	2168
G 70.0	1841	1843	1847	1852	1854	1856	1854	1852	1847	1843	1841	1841	1835
G 75.0	1472	1479	1480	1482	1484	1486	1484	1482	1480	1479	1472	1463	1463
G 80.0	1038	1039	1039	1047	1052	1047	1052	1047	1039	1039	1038	1032	1029
G 85.0	509	515	517	517	516	512	516	517	517	515	509	503	503
G 90.0	81	81	81	81	81	81	81	81	81	81	81	81	81

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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	5145	5145	5145	5145	5145	5145	5145	5145	5145	5145
G 5.0	4992	4992	4992	4992	4992	4992	4992	4992	4992	4992
G 10.0	4825	4825	4825	4825	4825	4825	4825	4825	4825	4825
G 15.0	4647	4649	4647	4647	4647	4648	4649	4649	4649	4649
G 20.0	4458	4456	4458	4458	4458	4459	4460	4460	4461	4462
G 25.0	4252	4251	4252	4253	4253	4253	4254	4257	4257	4257
G 30.0	4038	4038	4038	4038	4039	4041	4042	4043	4044	4046
G 35.0	3809	3808	3809	3810	3810	3812	3814	3815	3818	3819
G 40.0	3569	3568	3569	3570	3570	3574	3576	3576	3578	3580
G 45.0	3317	3317	3317	3317	3317	3323	3325	3325	3327	3329
G 50.0	3048	3046	3048	3048	3048	3051	3054	3057	3058	3060
G 55.0	2768	2767	2768	2770	2771	2771	2774	2778	2778	2779
G 60.0	2476	2474	2476	2477	2479	2480	2483	2486	2490	2492
G 65.0	2168	2168	2168	2168	2171	2174	2178	2181	2185	2187
G 70.0	1832	1836	1832	1835	1841	1841	1843	1847	1852	1854
G 75.0	1462	1460	1462	1463	1463	1472	1479	1480	1482	1484
G 80.0	1027	1024	1027	1029	1032	1038	1039	1039	1047	1052
G 85.0	502	499	502	503	503	509	515	517	517	516
G 90.0	81	81	81	81	81	81	81	81	81	81