

Luminaire

Code 90584L115
Name ROFY 60 D1150 GCONTROL+ 840 LO

Measurem.

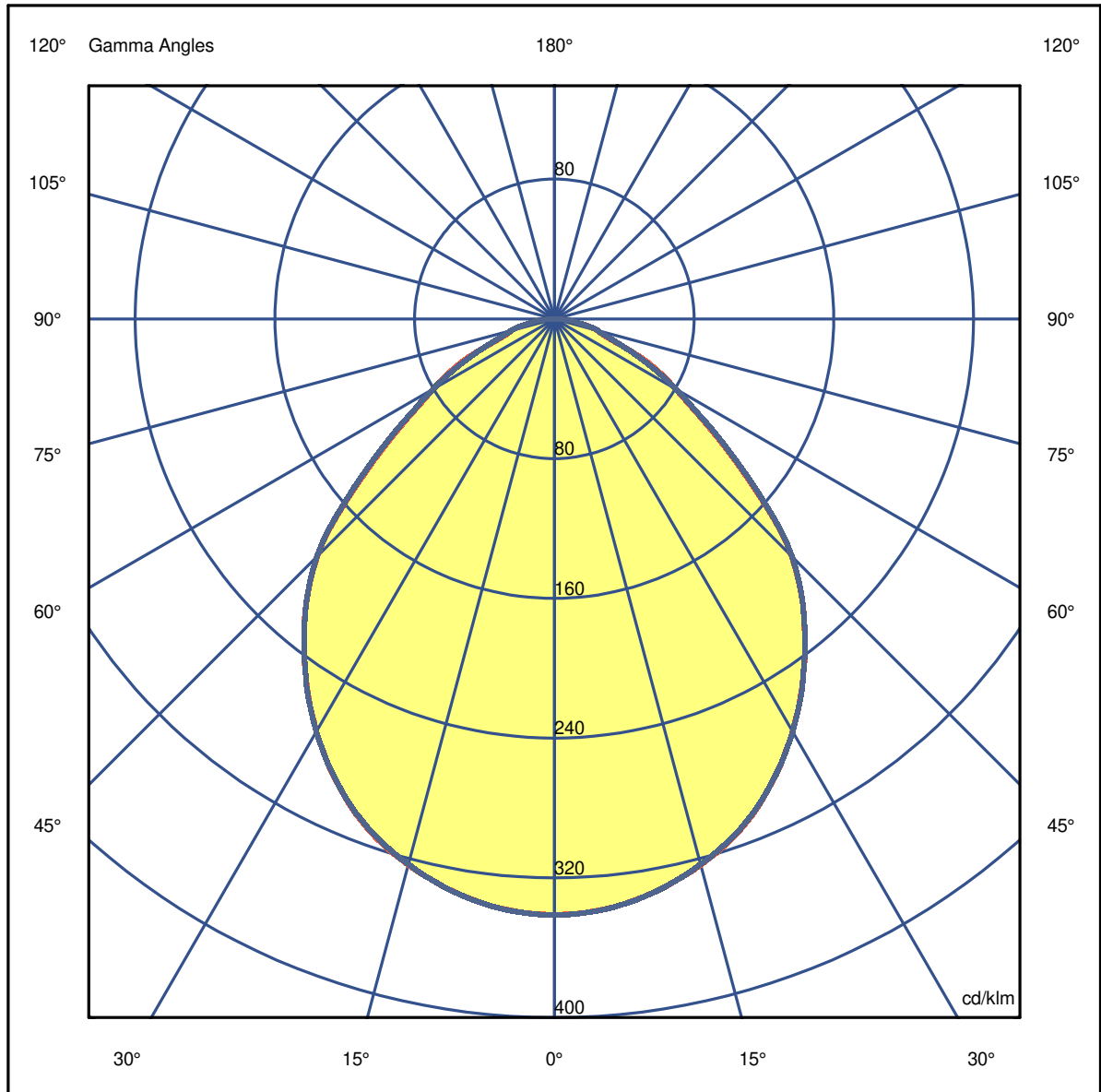
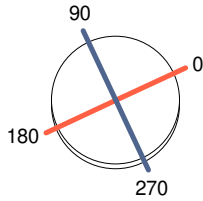
Code 4/8/2023
Name ROFY 60 D1150 GCONTROL+ 840 LO

Luminaire Flux	12551 lm	Luminaire Power	89.2 W	Efficacy	140.647 lm/W	Efficiency	74.18%
Source Flux	16920 lm	Maximum value	341.10 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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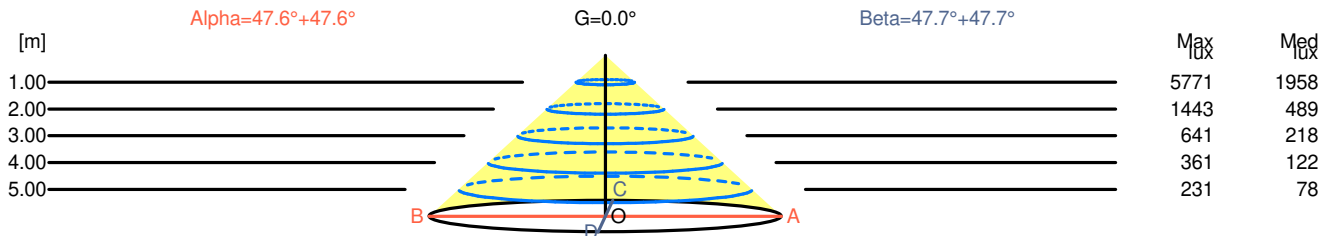
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Luminaire Flux	12551 lm	Luminaire Power	89.2 W	Efficacy	140.647 lm/W	Efficiency	74.18%
Source Flux	16920 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical


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	1.10	2.19	3.29	4.38	5.48	OC	1.10	2.20	3.30	4.40	5.50
OB	1.10	2.19	3.29	4.38	5.48	OD	1.10	2.20	3.30	4.40	5.50

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5771.41	5735.88	5475.31	4969.40	4204.62	3248.64	1829.05	998.28	433.15	121.82
OB	5771.41	5735.88	5475.31	4969.40	4204.62	3248.64	1829.05	998.28	433.15	121.82
OC	5771.41	5737.57	5468.54	4967.71	4204.62	3253.72	1861.20	952.60	436.54	123.52
OD	5771.41	5737.57	5468.54	4967.71	4204.62	3253.72	1861.20	952.60	436.54	123.52



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	5771	1958			
2.00	4.38	1443	489			
3.00	6.57	641	218			
4.00	8.76	361	122			
5.00	10.95	231	78			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	5771	1958			
2.00	4.40	1443	489			
3.00	6.60	641	218			
4.00	8.80	361	122			
5.00	10.99	231	78			

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Luminaire Flux	12551 lm	Luminaire Power	89.2 W	Efficacy	140.647 lm/W	Efficiency	74.18%
Source Flux	16920 lm	Maximum value	341.10 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	15.8	17.0	16.1	17.2	17.4	15.8	17.0	16.1	17.2	17.4
x=2H y=3H	16.5	17.5	16.8	17.8	18.0	16.4	17.5	16.8	17.7	18.0
x=2H y=4H	16.7	17.7	17.0	18.0	18.2	16.7	17.6	17.0	17.9	18.2
x=2H y=6H	16.9	17.8	17.2	18.1	18.4	16.9	17.8	17.2	18.1	18.4
x=2H y=8H	16.9	17.8	17.3	18.1	18.4	16.9	17.8	17.3	18.1	18.4
x=2H y=12H	17.0	17.8	17.3	18.1	18.5	17.0	17.8	17.3	18.1	18.4
x=4H y=2H	16.0	16.9	16.3	17.2	17.5	16.0	17.0	16.3	17.2	17.5
x=4H y=3H	16.8	17.6	17.2	18.0	18.3	16.8	17.6	17.2	17.9	18.3
x=4H y=4H	17.2	17.9	17.6	18.2	18.6	17.1	17.9	17.5	18.2	18.6
x=4H y=6H	17.5	18.1	17.9	18.5	18.9	17.4	18.1	17.9	18.4	18.9
x=4H y=8H	17.5	18.1	18.0	18.5	18.9	17.5	18.1	18.0	18.5	18.9
x=4H y=12H	17.6	18.1	18.1	18.5	19.0	17.6	18.1	18.0	18.5	19.0
x=8H y=4H	17.2	17.8	17.7	18.2	18.6	17.2	17.8	17.7	18.2	18.6
x=8H y=6H	17.7	18.1	18.1	18.6	19.0	17.7	18.1	18.1	18.5	19.0
x=8H y=8H	17.8	18.3	18.3	18.7	19.2	17.8	18.2	18.3	18.7	19.2
x=8H y=12H	18.0	18.3	18.5	18.8	19.3	17.9	18.3	18.4	18.8	19.3
x=12H y=4H	17.2	17.8	17.7	18.2	18.6	17.2	17.7	17.7	18.1	18.6
x=12H y=6H	17.7	18.1	18.2	18.5	19.0	17.7	18.1	18.1	18.5	19.0
x=12H y=8H	17.9	18.3	18.4	18.7	19.2	17.9	18.2	18.4	18.7	19.2

Luminaire

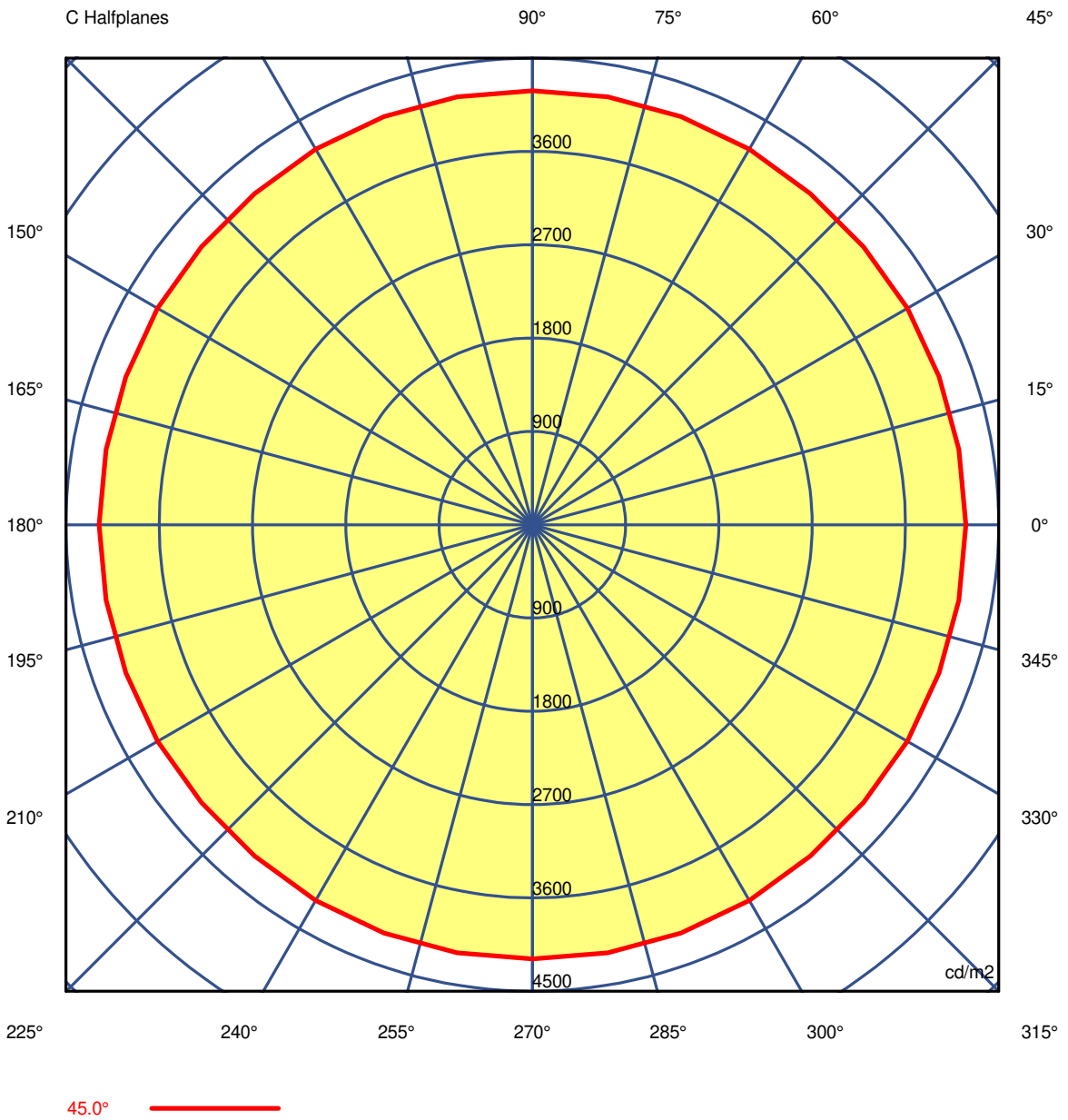
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Luminaire Flux	12551 lm	Luminaire Power	89.2 W	Efficacy	140.647 lm/W	Efficiency	74.18%
Source Flux	16920 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux	12551 lm	Luminaire Power	89.2 W	Efficacy	140.647 lm/W	Efficiency	74.18%
Source Flux	16920 lm	Maximum value	341.10 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	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755
G 5.0	5694	5692	5692	5692	5692	5692	5692	5690	5691	5695	5691	5690	5692
G 10.0	5607	5608	5608	5605	5605	5605	5605	5604	5604	5608	5604	5604	5605
G 15.0	5511	5509	5505	5501	5496	5496	5497	5498	5500	5504	5500	5498	5497
G 20.0	5397	5392	5381	5368	5361	5358	5361	5372	5383	5390	5383	5372	5361
G 25.0	5234	5230	5222	5214	5213	5212	5212	5216	5223	5232	5223	5216	5212
G 30.0	5034	5029	5030	5038	5048	5050	5042	5030	5028	5038	5028	5030	5042
G 35.0	4797	4799	4806	4822	4835	4839	4829	4809	4799	4797	4799	4809	4829
G 40.0	4532	4534	4539	4548	4556	4559	4554	4545	4536	4530	4536	4545	4554
G 45.0	4181	4177	4176	4176	4169	4171	4183	4190	4191	4187	4191	4190	4183
G 50.0	3480	3542	3576	3529	3385	3387	3536	3592	3569	3522	3569	3592	3536
G 55.0	2797	3004	2912	2562	2285	2264	2523	2908	3037	2846	3037	2908	2523
G 60.0	2321	2313	2139	1794	1841	1862	1858	2160	2311	2321	2311	2160	1858
G 65.0	1954	1903	1732	1484	1596	1620	1520	1706	1834	1865	1834	1706	1520
G 70.0	1336	1466	1499	1414	1283	1273	1382	1456	1454	1398	1454	1456	1382
G 75.0	1229	1269	1204	1105	1132	1133	1105	1196	1262	1239	1262	1196	1105
G 80.0	970	1026	1073	1089	1064	1066	1096	1084	1038	976	1038	1084	1096
G 85.0	665	761	839	850	769	771	850	824	747	675	747	824	850
G 90.0	141	141	141	141	141	141	141	141	141	141	141	141	141

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Source Flux	16920 lm	Maximum value	341.10 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	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755
G 5.0	5692	5692	5692	5692	5692	5694	5692	5692	5692	5692	5692	5692	5690
G 10.0	5605	5605	5605	5608	5608	5607	5608	5608	5605	5605	5605	5605	5604
G 15.0	5496	5496	5501	5505	5509	5511	5509	5505	5501	5496	5496	5497	5498
G 20.0	5358	5361	5368	5381	5392	5397	5392	5381	5368	5361	5358	5361	5372
G 25.0	5212	5213	5214	5222	5230	5234	5230	5222	5214	5213	5212	5212	5216
G 30.0	5050	5048	5038	5030	5029	5034	5029	5030	5038	5048	5050	5042	5030
G 35.0	4839	4835	4822	4806	4799	4797	4799	4806	4822	4835	4839	4829	4809
G 40.0	4559	4556	4548	4539	4534	4532	4534	4539	4548	4556	4559	4554	4545
G 45.0	4171	4169	4176	4176	4177	4181	4177	4176	4176	4169	4171	4183	4190
G 50.0	3387	3385	3529	3576	3542	3480	3542	3576	3529	3385	3387	3536	3592
G 55.0	2264	2285	2562	2912	3004	2797	3004	2912	2562	2285	2264	2523	2908
G 60.0	1862	1841	1794	2139	2313	2321	2313	2139	1794	1841	1862	1858	2160
G 65.0	1620	1596	1484	1732	1903	1954	1903	1732	1484	1596	1620	1520	1706
G 70.0	1273	1283	1414	1499	1466	1336	1466	1499	1414	1283	1273	1382	1456
G 75.0	1133	1132	1105	1204	1269	1229	1269	1204	1105	1132	1133	1105	1196
G 80.0	1066	1064	1089	1073	1026	970	1026	1073	1089	1064	1066	1096	1084
G 85.0	771	769	850	839	761	665	761	839	850	769	771	850	824
G 90.0	141	141	141	141	141	141	141	141	141	141	141	141	141

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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	5755	5755	5755	5755	5755	5755	5755	5755	5755	5755
G 5.0	5691	5695	5691	5690	5692	5692	5692	5692	5692	5692
G 10.0	5604	5608	5604	5604	5605	5605	5605	5605	5608	5608
G 15.0	5500	5504	5500	5498	5497	5496	5496	5501	5505	5509
G 20.0	5383	5390	5383	5372	5361	5358	5361	5368	5381	5392
G 25.0	5223	5232	5223	5216	5212	5212	5213	5214	5222	5230
G 30.0	5028	5038	5028	5030	5042	5050	5048	5038	5030	5029
G 35.0	4799	4797	4799	4809	4829	4839	4835	4822	4806	4799
G 40.0	4536	4530	4536	4545	4554	4559	4556	4548	4539	4534
G 45.0	4191	4187	4191	4190	4183	4171	4169	4176	4176	4177
G 50.0	3569	3522	3569	3592	3536	3387	3385	3529	3576	3542
G 55.0	3037	2846	3037	2908	2523	2264	2285	2562	2912	3004
G 60.0	2311	2321	2311	2160	1858	1862	1841	1794	2139	2313
G 65.0	1834	1865	1834	1706	1520	1620	1596	1484	1732	1903
G 70.0	1454	1398	1454	1456	1382	1273	1283	1414	1499	1466
G 75.0	1262	1239	1262	1196	1105	1133	1132	1105	1204	1269
G 80.0	1038	976	1038	1084	1096	1066	1064	1089	1073	1026
G 85.0	747	675	747	824	850	771	769	850	839	761
G 90.0	141	141	141	141	141	141	141	141	141	141