

Luminaire

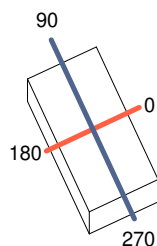
Code 90715L552
Name ROFY 60 SQ D/I L0550W286 GCONTROL+ 840 LO

Measurem.

Code 9/8/2023
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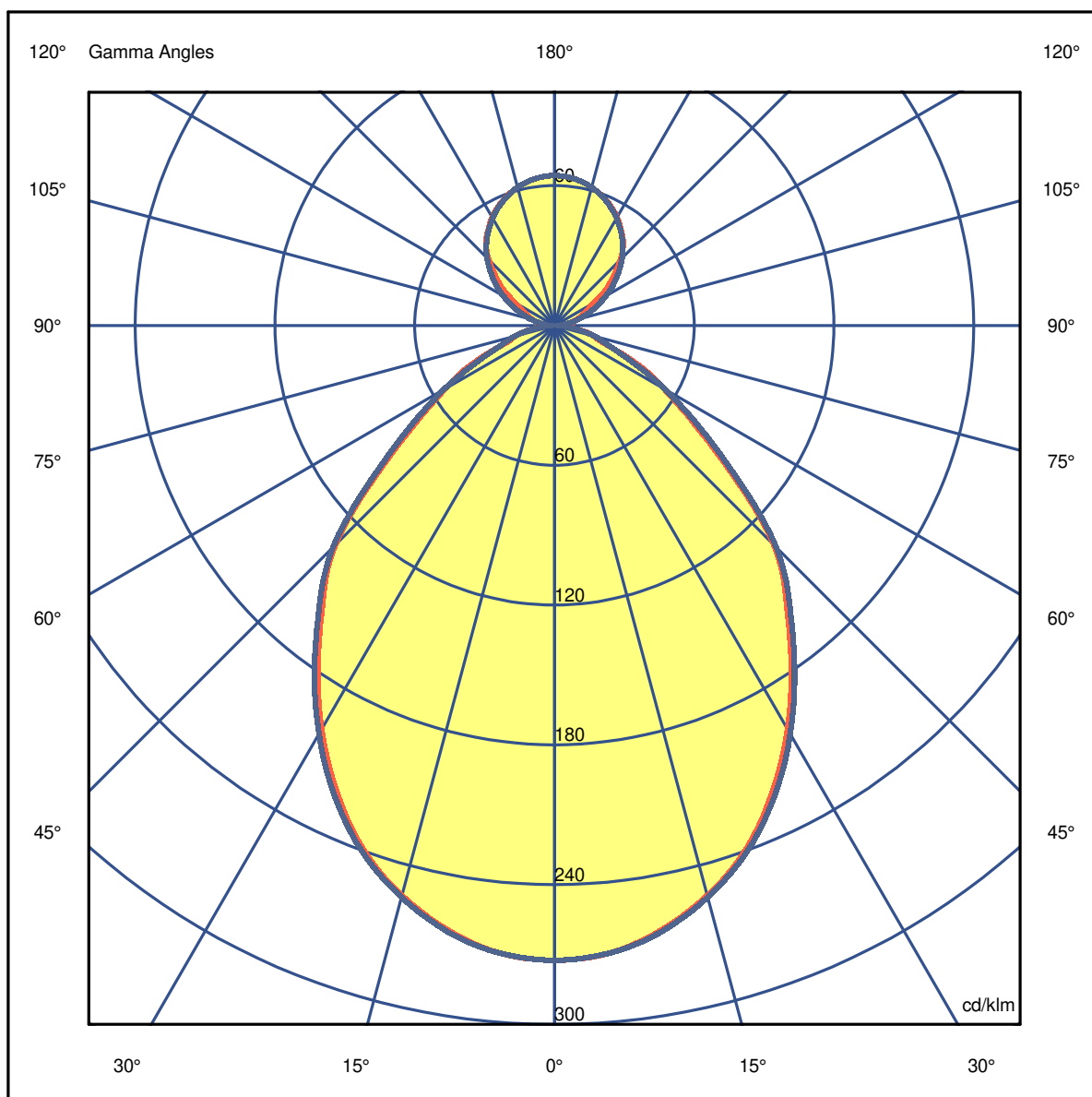
Luminaire Flux	2878 lm	Luminaire Power	26.0 W	Efficacy	110.674 lm/W	Efficiency	70.98%
Source Flux	4054 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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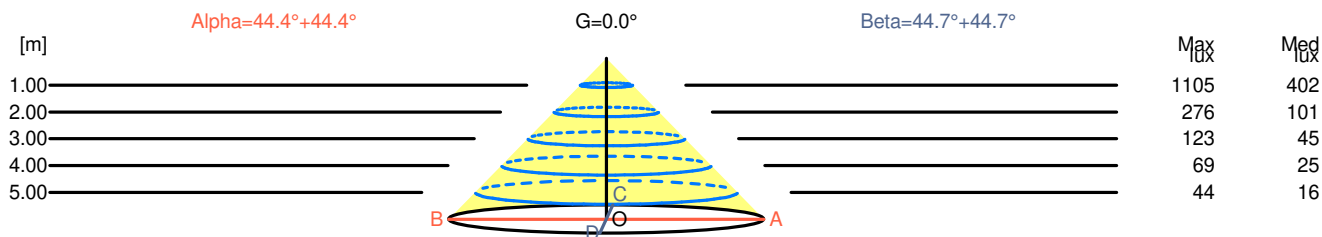
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Width at 50.00 % of Max Intensity

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	0.98	1.96	2.94	3.92	4.90	OC	0.99	1.98	2.97	3.95	4.94
OB	0.98	1.96	2.94	3.92	4.90	OD	0.99	1.98	2.97	3.95	4.94

	0	5	15	25	35	45	55	65	75	85
OA	1105.12	1096.20	1026.88	896.34	718.37	539.99	296.35	158.92	70.95	24.73
OB	1105.12	1096.20	1026.88	896.34	718.37	539.99	296.35	158.92	70.95	24.73
OC	1105.12	1096.20	1029.72	904.85	728.50	545.67	306.89	147.97	72.97	20.68
OD	1105.12	1096.20	1029.72	904.85	728.50	545.67	306.89	147.97	72.97	20.68



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	1105	402			
2.00	3.92	276	101			
3.00	5.88	123	45			
4.00	7.83	69	25			
5.00	9.79	44	16			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	1105	402			
2.00	3.95	276	101			
3.00	5.93	123	45			
4.00	7.91	69	25			
5.00	9.89	44	16			

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Source Flux	4054 lm	Maximum value	272.60 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	13.8	14.7	14.4	15.3	16.0	14.2	15.2	14.9	15.7	16.4
x=2H y=3H	14.3	15.1	14.9	15.7	16.5	14.8	15.6	15.4	16.2	16.9
x=2H y=4H	14.5	15.2	15.1	15.9	16.6	14.9	15.7	15.6	16.3	17.1
x=2H y=6H	14.5	15.2	15.2	15.9	16.7	15.1	15.8	15.7	16.4	17.2
x=2H y=8H	14.6	15.2	15.2	15.9	16.7	15.1	15.7	15.8	16.4	17.2
x=2H y=12H	14.5	15.2	15.3	15.9	16.6	15.1	15.7	15.8	16.4	17.2
x=4H y=2H	13.8	14.6	14.5	15.2	16.0	14.2	15.0	14.9	15.6	16.4
x=4H y=3H	14.5	15.1	15.2	15.8	16.6	14.9	15.5	15.6	16.2	17.0
x=4H y=4H	14.7	15.3	15.4	15.9	16.8	15.1	15.7	15.9	16.4	17.2
x=4H y=6H	14.9	15.4	15.6	16.1	16.9	15.4	15.8	16.1	16.6	17.4
x=4H y=8H	14.9	15.4	15.7	16.1	17.0	15.4	15.9	16.2	16.6	17.5
x=4H y=12H	15.0	15.3	15.7	16.1	17.0	15.5	15.9	16.2	16.6	17.5
x=8H y=4H	14.7	15.1	15.4	15.9	16.7	15.1	15.6	15.9	16.3	17.2
x=8H y=6H	15.0	15.3	15.7	16.1	17.0	15.4	15.8	16.2	16.5	17.4
x=8H y=8H	15.1	15.4	15.9	16.2	17.1	15.6	15.9	16.4	16.6	17.6
x=8H y=12H	15.1	15.4	15.9	16.2	17.2	15.6	15.9	16.4	16.7	17.6
x=12H y=4H	14.7	15.1	15.4	15.8	16.7	15.1	15.5	15.9	16.2	17.1
x=12H y=6H	15.0	15.3	15.8	16.1	17.0	15.4	15.7	16.2	16.5	17.4
x=12H y=8H	15.1	15.4	15.9	16.1	17.1	15.6	15.8	16.4	16.6	17.6

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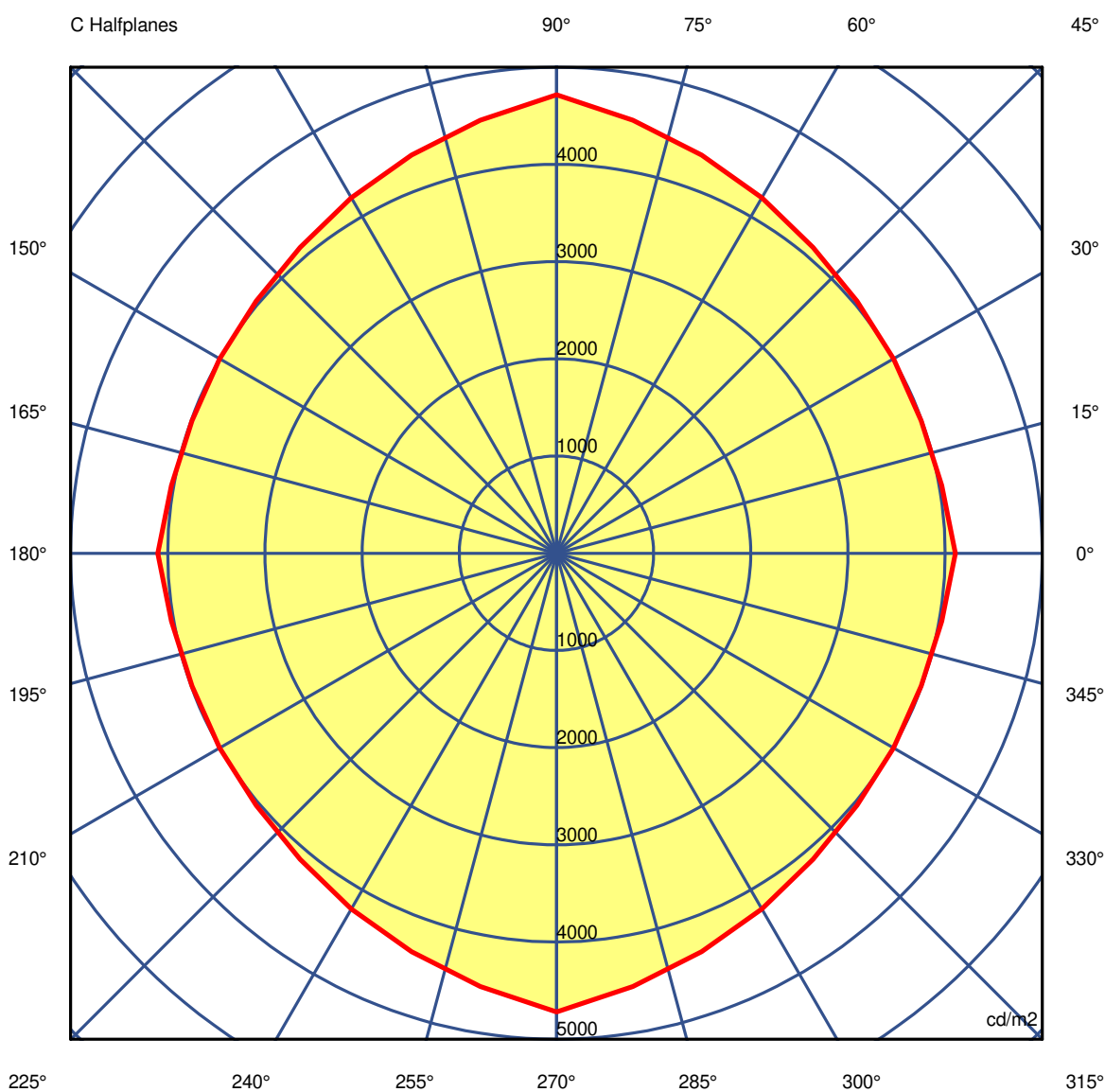
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Luminaire Flux	2878 lm	Luminaire Power	26.0 W	Efficacy	110.674 lm/W	Efficiency	70.98%
Source Flux	4054 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux	2878 lm		Luminaire Power		26.0 W		Efficacy		110.674 lm/W		Efficiency		70.98%	
Source Flux	4054 lm		Maximum value		272.60 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	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839	
G 5.0	7593	7575	7568	7569	7571	7583	7607	7634	7664	7697	7664	7634	7607	
G 10.0	7284	7257	7245	7244	7252	7279	7323	7373	7432	7502	7432	7373	7323	
G 15.0	6946	6900	6878	6877	6891	6928	6993	7070	7155	7250	7155	7070	6993	
G 20.0	6568	6506	6470	6459	6474	6523	6608	6711	6828	6959	6828	6711	6608	
G 25.0	6105	6044	6014	6011	6035	6090	6183	6301	6437	6589	6437	6301	6183	
G 30.0	5607	5511	5488	5525	5573	5639	5729	5839	5978	6151	5978	5839	5729	
G 35.0	5083	5021	5006	5030	5071	5144	5243	5349	5490	5671	5490	5349	5243	
G 40.0	4582	4522	4499	4512	4559	4634	4733	4855	5007	5198	5007	4855	4733	
G 45.0	4105	4025	3994	4004	4036	4109	4224	4362	4524	4717	4524	4362	4224	
G 50.0	3250	3248	3262	3233	3132	3216	3474	3619	3718	3857	3718	3619	3474	
G 55.0	2516	2697	2582	2225	1972	1973	2291	2857	3173	3088	3173	2857	2291	
G 60.0	2003	1953	1776	1471	1538	1600	1656	2061	2400	2471	2400	2061	1656	
G 65.0	1583	1517	1354	1125	1245	1310	1277	1539	1790	1848	1790	1539	1277	
G 70.0	1034	1126	1132	1040	929	961	1131	1270	1352	1406	1352	1270	1131	
G 75.0	887	894	836	762	796	832	867	995	1137	1251	1137	995	867	
G 80.0	642	663	675	679	691	718	762	814	862	911	862	814	762	
G 85.0	433	464	479	468	446	463	523	578	601	594	601	578	523	
G 90.0	324	292	268	250	235	223	212	199	191	197	191	199	212	

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Source Flux	4054 lm		Maximum value		272.60 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	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839	
G 5.0	7583	7571	7569	7568	7575	7593	7575	7568	7569	7571	7583	7607	7634	
G 10.0	7279	7252	7244	7245	7257	7284	7257	7245	7244	7252	7279	7323	7373	
G 15.0	6928	6891	6877	6878	6900	6946	6900	6878	6877	6891	6928	6993	7070	
G 20.0	6523	6474	6459	6470	6506	6568	6506	6470	6459	6474	6523	6608	6711	
G 25.0	6090	6035	6011	6014	6044	6105	6044	6014	6011	6035	6090	6183	6301	
G 30.0	5639	5573	5525	5488	5511	5607	5511	5488	5525	5573	5639	5729	5839	
G 35.0	5144	5071	5030	5006	5021	5083	5021	5006	5030	5071	5144	5243	5349	
G 40.0	4634	4559	4512	4499	4522	4582	4522	4499	4512	4559	4634	4733	4855	
G 45.0	4109	4036	4004	3994	4025	4105	4025	3994	4004	4036	4109	4224	4362	
G 50.0	3216	3132	3233	3262	3248	3250	3248	3262	3233	3132	3216	3474	3619	
G 55.0	1973	1972	2225	2582	2697	2516	2697	2582	2225	1972	1973	2291	2857	
G 60.0	1600	1538	1471	1776	1953	2003	1953	1776	1471	1538	1600	1656	2061	
G 65.0	1310	1245	1125	1354	1517	1583	1517	1354	1125	1245	1310	1277	1539	
G 70.0	961	929	1040	1132	1126	1034	1126	1132	1040	929	961	1131	1270	
G 75.0	832	796	762	836	894	887	894	836	762	796	832	867	995	
G 80.0	718	691	679	675	663	642	663	675	679	691	718	762	814	
G 85.0	463	446	468	479	464	433	464	479	468	446	463	523	578	
G 90.0	223	235	250	268	292	324	292	268	250	235	223	212	199	

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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	7839	7839	7839	7839	7839	7839	7839	7839	7839	7839
G 5.0	7664	7697	7664	7634	7607	7583	7571	7569	7568	7575
G 10.0	7432	7502	7432	7373	7323	7279	7252	7244	7245	7257
G 15.0	7155	7250	7155	7070	6993	6928	6891	6877	6878	6900
G 20.0	6828	6959	6828	6711	6608	6523	6474	6459	6470	6506
G 25.0	6437	6589	6437	6301	6183	6090	6035	6011	6014	6044
G 30.0	5978	6151	5978	5839	5729	5639	5573	5525	5488	5511
G 35.0	5490	5671	5490	5349	5243	5144	5071	5030	5006	5021
G 40.0	5007	5198	5007	4855	4733	4634	4559	4512	4499	4522
G 45.0	4524	4717	4524	4362	4224	4109	4036	4004	3994	4025
G 50.0	3718	3857	3718	3619	3474	3216	3132	3233	3262	3248
G 55.0	3173	3088	3173	2857	2291	1973	1972	2225	2582	2697
G 60.0	2400	2471	2400	2061	1656	1600	1538	1471	1776	1953
G 65.0	1790	1848	1790	1539	1277	1310	1245	1125	1354	1517
G 70.0	1352	1406	1352	1270	1131	961	929	1040	1132	1126
G 75.0	1137	1251	1137	995	867	832	796	762	836	894
G 80.0	862	911	862	814	762	718	691	679	675	663
G 85.0	601	594	601	578	523	463	446	468	479	464
G 90.0	191	197	191	199	212	223	235	250	268	292