

**Luminaire**

Code 90715L552

Name ROFY 60 SQ D/I L0550W286 GCONTROL+ 830 LO

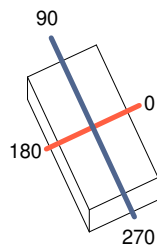
**Measurem.**

Code 9/8/2023

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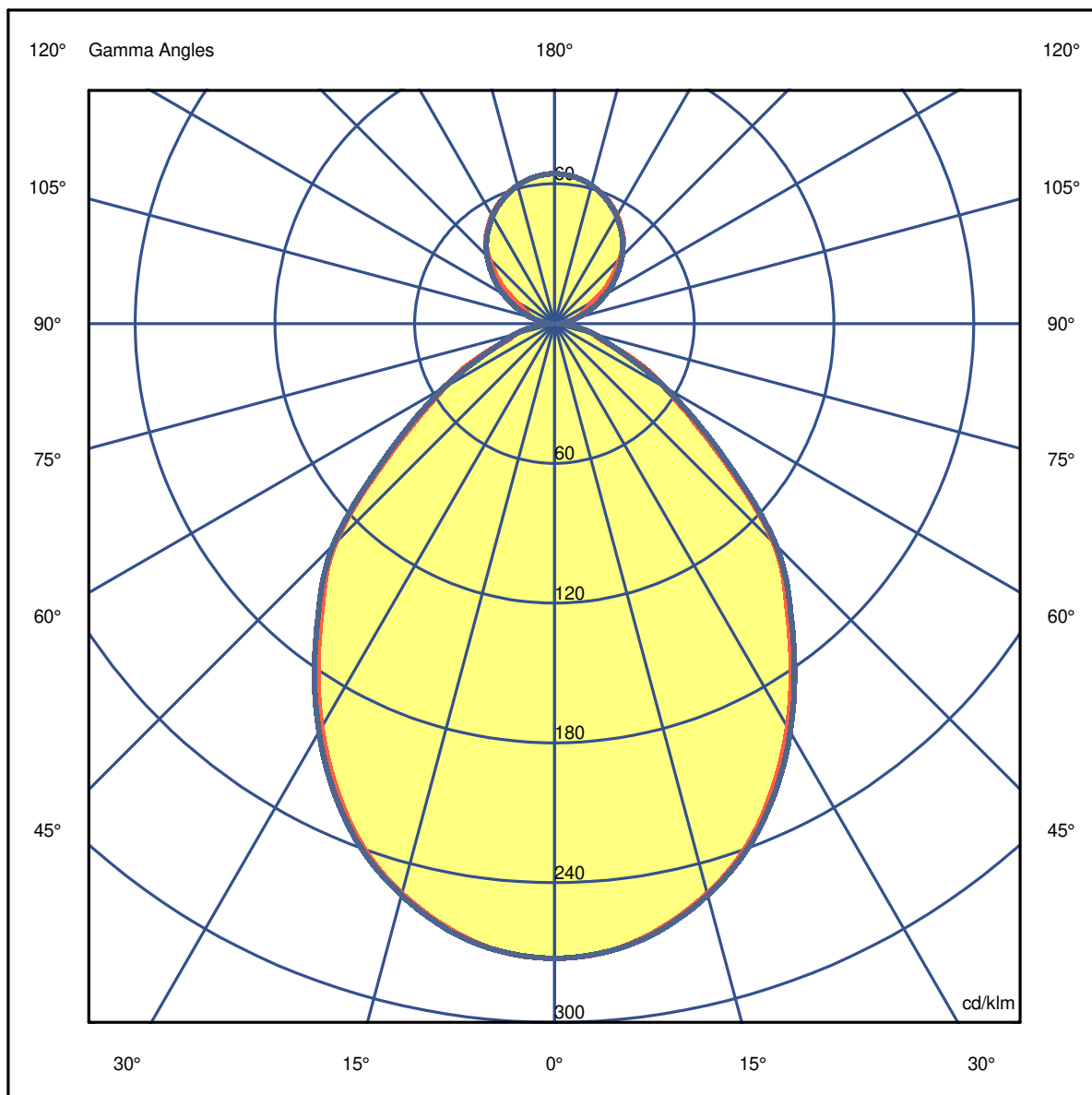
Luminaire Flux	2748 lm	Luminaire Power	26.0 W	Efficacy	105.706 lm/W	Efficiency	70.98%
Source Flux	3872 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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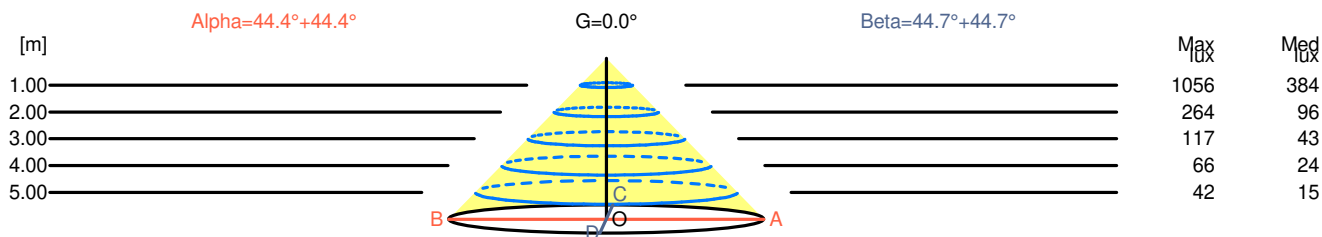
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Width at 50.00 % of Max Intensity

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	1055.51	1046.99	980.78	856.10	686.12	515.75	283.04	151.78	67.76	23.62
OB	1055.51	1046.99	980.78	856.10	686.12	515.75	283.04	151.78	67.76	23.62
OC	1055.51	1046.99	983.49	864.23	695.80	521.17	293.11	141.33	69.70	19.75
OD	1055.51	1046.99	983.49	864.23	695.80	521.17	293.11	141.33	69.70	19.75



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	1056	384			
2.00	3.92	264	96			
3.00	5.88	117	43			
4.00	7.83	66	24			
5.00	9.79	42	15			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	1056	384			
2.00	3.95	264	96			
3.00	5.93	117	43			
4.00	7.91	66	24			
5.00	9.89	42	15			

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Source Flux	3872 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	13.7	14.6	14.3	15.2	15.8	14.1	15.0	14.7	15.6	16.3
x=2H y=3H	14.2	15.0	14.8	15.6	16.3	14.6	15.4	15.2	16.0	16.7
x=2H y=4H	14.3	15.1	14.9	15.7	16.4	14.8	15.5	15.4	16.2	16.9
x=2H y=6H	14.4	15.1	15.1	15.7	16.5	14.9	15.6	15.6	16.2	17.0
x=2H y=8H	14.4	15.1	15.1	15.7	16.5	14.9	15.6	15.6	16.2	17.0
x=2H y=12H	14.4	15.0	15.1	15.7	16.5	14.9	15.5	15.6	16.2	17.0
x=4H y=2H	13.7	14.4	14.3	15.1	15.8	14.1	14.8	14.7	15.5	16.2
x=4H y=3H	14.3	14.9	15.0	15.6	16.4	14.7	15.3	15.4	16.0	16.8
x=4H y=4H	14.5	15.1	15.3	15.8	16.6	15.0	15.5	15.7	16.2	17.0
x=4H y=6H	14.7	15.2	15.5	15.9	16.8	15.2	15.7	16.0	16.4	17.3
x=4H y=8H	14.8	15.2	15.5	15.9	16.8	15.3	15.7	16.0	16.4	17.3
x=4H y=12H	14.8	15.2	15.6	15.9	16.8	15.3	15.7	16.1	16.4	17.3
x=8H y=4H	14.5	15.0	15.3	15.7	16.6	15.0	15.4	15.7	16.1	17.0
x=8H y=6H	14.8	15.1	15.6	15.9	16.8	15.3	15.6	16.0	16.4	17.3
x=8H y=8H	14.9	15.2	15.7	16.0	16.9	15.4	15.7	16.2	16.5	17.4
x=8H y=12H	15.0	15.2	15.8	16.0	17.0	15.5	15.7	16.3	16.5	17.5
x=12H y=4H	14.5	14.9	15.3	15.6	16.5	14.9	15.3	15.7	16.1	17.0
x=12H y=6H	14.8	15.1	15.6	15.9	16.8	15.3	15.6	16.1	16.3	17.3
x=12H y=8H	14.9	15.2	15.7	16.0	16.9	15.4	15.7	16.2	16.4	17.4

**Luminaire**

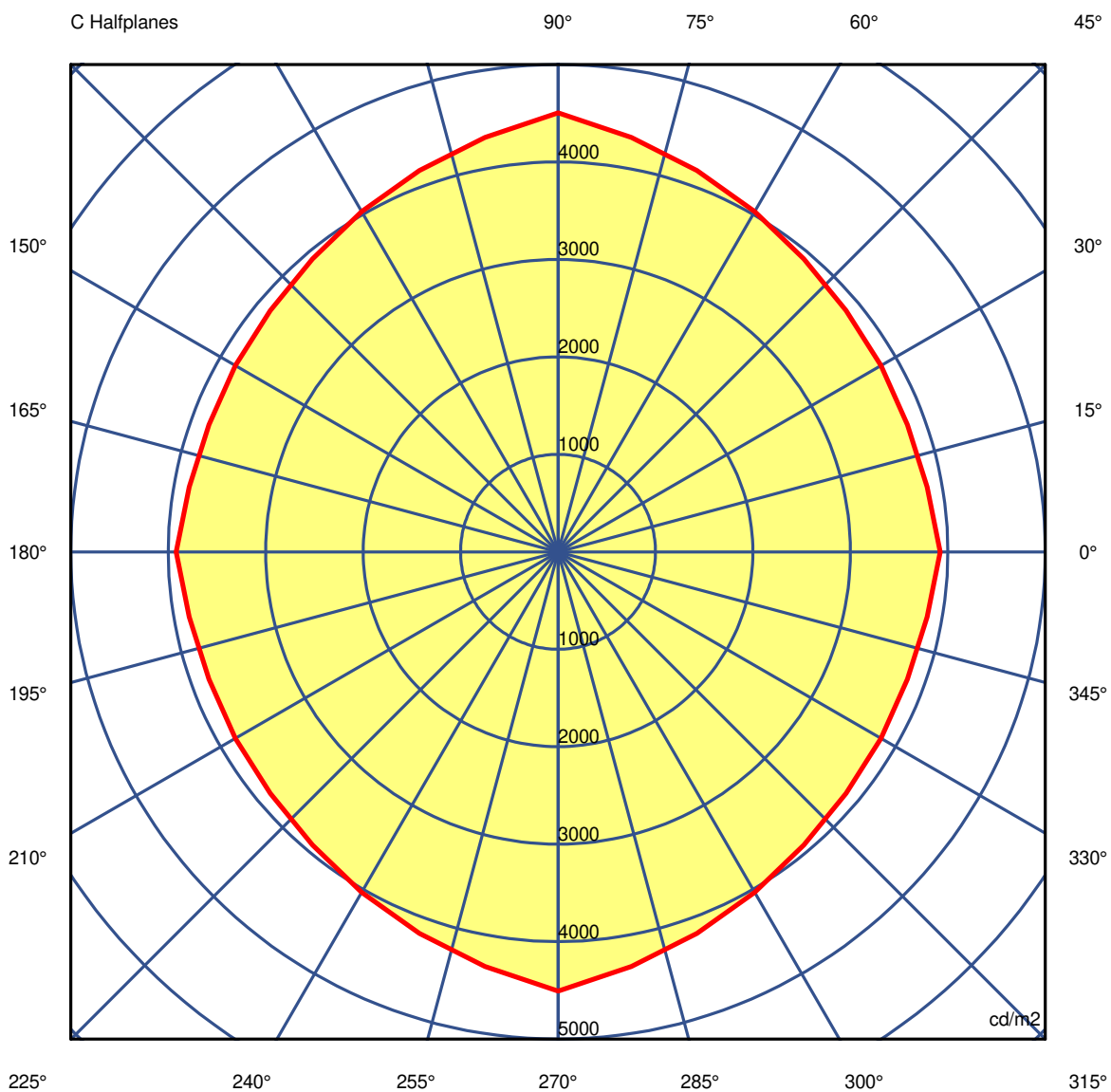
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**Measurem.**

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Luminaire Flux	2748 lm	Luminaire Power	26.0 W	Efficacy	105.706 lm/W	Efficiency	70.98%
Source Flux	3872 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	2748 lm		Luminaire Power		26.0 W		Efficacy		105.706 lm/W		Efficiency		70.98%	
Source Flux	3872 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	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487	
G 5.0	7252	7235	7229	7229	7231	7242	7265	7292	7320	7352	7320	7292	7265	
G 10.0	6957	6932	6920	6919	6926	6952	6994	7042	7099	7166	7099	7042	6994	
G 15.0	6634	6590	6569	6568	6581	6617	6679	6753	6834	6925	6834	6753	6679	
G 20.0	6273	6214	6179	6169	6183	6231	6311	6410	6522	6647	6522	6410	6311	
G 25.0	5831	5773	5744	5742	5764	5817	5905	6018	6148	6293	6148	6018	5905	
G 30.0	5355	5263	5241	5277	5323	5386	5472	5577	5710	5875	5710	5577	5472	
G 35.0	4855	4796	4781	4804	4844	4913	5008	5109	5244	5417	5244	5109	5008	
G 40.0	4377	4319	4297	4310	4354	4426	4521	4637	4783	4964	4783	4637	4521	
G 45.0	3921	3844	3815	3824	3855	3924	4035	4166	4320	4505	4320	4166	4035	
G 50.0	3104	3102	3115	3088	2991	3072	3318	3456	3551	3684	3551	3456	3318	
G 55.0	2403	2576	2466	2125	1884	1884	2189	2729	3031	2949	3031	2729	2189	
G 60.0	1913	1865	1697	1405	1469	1528	1582	1968	2292	2360	2292	1968	1582	
G 65.0	1512	1449	1293	1075	1189	1251	1220	1470	1710	1765	1710	1470	1220	
G 70.0	988	1075	1081	993	888	918	1081	1213	1292	1343	1292	1213	1081	
G 75.0	847	854	799	728	760	794	828	950	1086	1195	1086	950	828	
G 80.0	613	633	645	649	660	685	728	778	824	870	824	778	728	
G 85.0	413	444	457	447	426	442	500	552	574	567	574	552	500	
G 90.0	309	279	256	239	224	213	202	190	183	188	183	190	202	

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Source Flux	3872 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	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487	
G 5.0	7242	7231	7229	7229	7235	7252	7235	7229	7229	7231	7242	7265	7292	
G 10.0	6952	6926	6919	6920	6932	6957	6932	6920	6919	6926	6952	6994	7042	
G 15.0	6617	6581	6568	6569	6590	6634	6590	6569	6568	6581	6617	6679	6753	
G 20.0	6231	6183	6169	6179	6214	6273	6214	6179	6169	6183	6231	6311	6410	
G 25.0	5817	5764	5742	5744	5773	5831	5773	5744	5742	5764	5817	5905	6018	
G 30.0	5386	5323	5277	5241	5263	5355	5263	5241	5277	5323	5386	5472	5577	
G 35.0	4913	4844	4804	4781	4796	4855	4796	4781	4804	4844	4913	5008	5109	
G 40.0	4426	4354	4310	4297	4319	4377	4319	4297	4310	4354	4426	4521	4637	
G 45.0	3924	3855	3824	3815	3844	3921	3844	3815	3824	3855	3924	4035	4166	
G 50.0	3072	2991	3088	3115	3102	3104	3102	3115	3088	2991	3072	3318	3456	
G 55.0	1884	1884	2125	2466	2576	2403	2576	2466	2125	1884	1884	2189	2729	
G 60.0	1528	1469	1405	1697	1865	1913	1865	1697	1405	1469	1528	1582	1968	
G 65.0	1251	1189	1075	1293	1449	1512	1449	1293	1075	1189	1251	1220	1470	
G 70.0	918	888	993	1081	1075	988	1075	1081	993	888	918	1081	1213	
G 75.0	794	760	728	799	854	847	854	799	728	760	794	828	950	
G 80.0	685	660	649	645	633	613	633	645	649	660	685	728	778	
G 85.0	442	426	447	457	444	413	444	457	447	426	442	500	552	
G 90.0	213	224	239	256	279	309	279	256	239	224	213	202	190	

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Source Flux	3872 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**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	7487	7487	7487	7487	7487	7487	7487	7487	7487	7487
G 5.0	7320	7352	7320	7292	7265	7242	7231	7229	7229	7235
G 10.0	7099	7166	7099	7042	6994	6952	6926	6919	6920	6932
G 15.0	6834	6925	6834	6753	6679	6617	6581	6568	6569	6590
G 20.0	6522	6647	6522	6410	6311	6231	6183	6169	6179	6214
G 25.0	6148	6293	6148	6018	5905	5817	5764	5742	5744	5773
G 30.0	5710	5875	5710	5577	5472	5386	5323	5277	5241	5263
G 35.0	5244	5417	5244	5109	5008	4913	4844	4804	4781	4796
G 40.0	4783	4964	4783	4637	4521	4426	4354	4310	4297	4319
G 45.0	4320	4505	4320	4166	4035	3924	3855	3824	3815	3844
G 50.0	3551	3684	3551	3456	3318	3072	2991	3088	3115	3102
G 55.0	3031	2949	3031	2729	2189	1884	1884	2125	2466	2576
G 60.0	2292	2360	2292	1968	1582	1528	1469	1405	1697	1865
G 65.0	1710	1765	1710	1470	1220	1251	1189	1075	1293	1449
G 70.0	1292	1343	1292	1213	1081	918	888	993	1081	1075
G 75.0	1086	1195	1086	950	828	794	760	728	799	854
G 80.0	824	870	824	778	728	685	660	649	645	633
G 85.0	574	567	574	552	500	442	426	447	457	444
G 90.0	183	188	183	190	202	213	224	239	256	279