

**Luminaire**

Code 90714L550

Name ROFY 60 SQ D/I L0550W550 GCONTROL+ 830 HO

**Measurem.**

Code 8/8/2023

Name ROFY 60 SQ D/I L0550W550 GCONTROL+ 830 HO

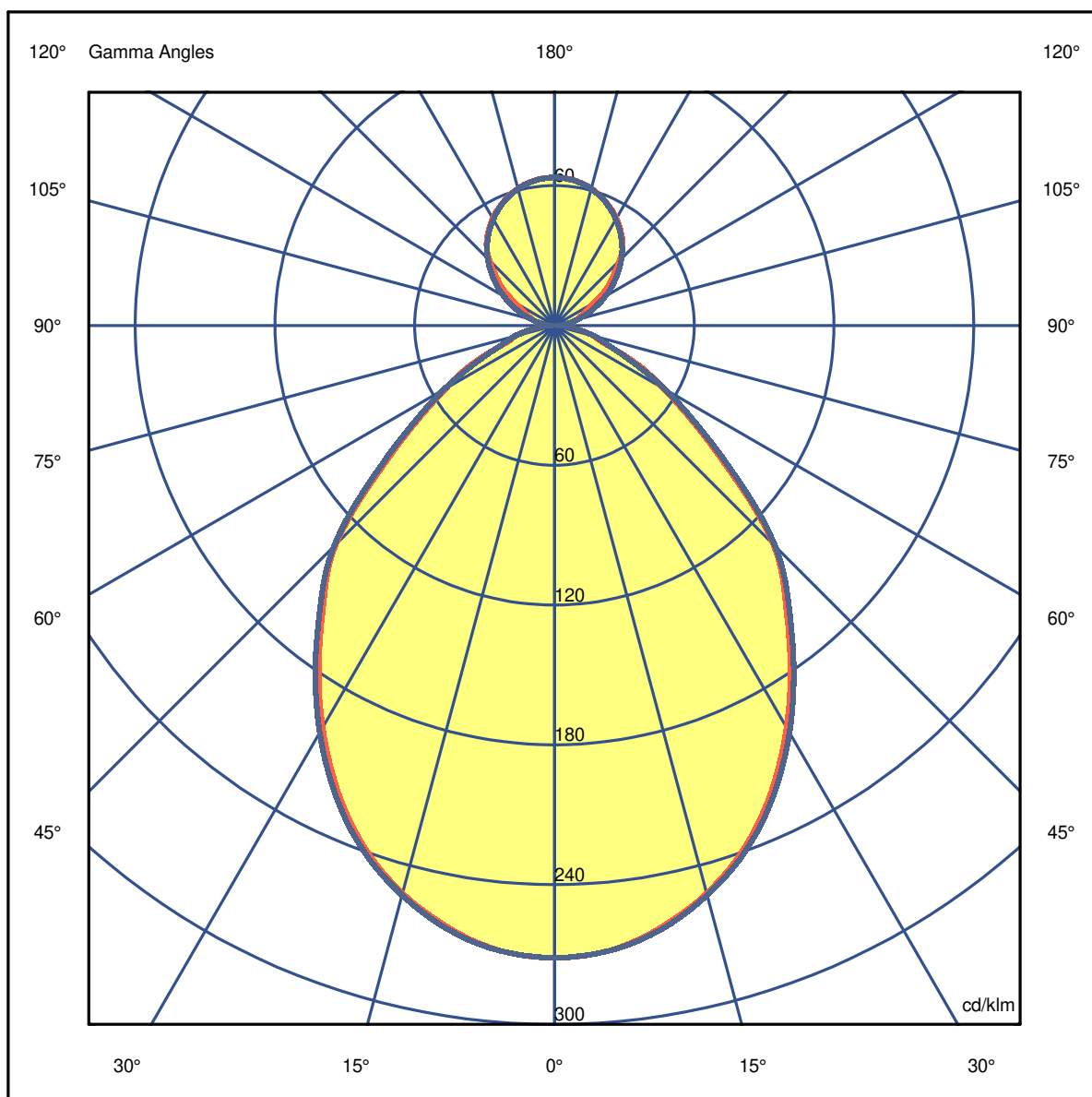
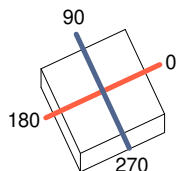
Luminaire Flux	7363 lm	Luminaire Power	60.1 W	Efficacy	122.506 lm/W	Efficiency	70.58%
Source Flux	10432 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 550mm

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



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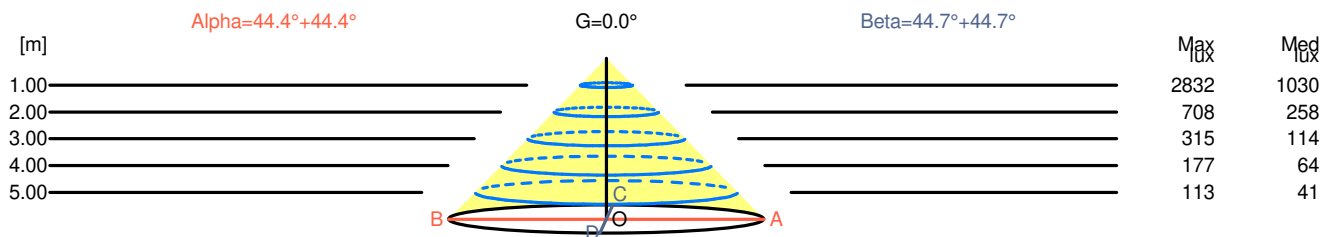
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Luminaire Flux	7363 lm	Luminaire Power	60.1 W	Efficacy	122.506 lm/W	Efficiency	70.58%
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Width at 50.00 % of Max Intensity

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	3.96	4.94
OB	0.98	1.96	2.94	3.92	4.90	OD	0.99	1.98	2.97	3.96	4.94

	0	5	15	25	35	45	55	65	75	85
OA	2832.29	2809.34	2631.99	2299.21	1842.29	1385.37	763.62	408.93	182.56	64.68
OB	2832.29	2809.34	2631.99	2299.21	1842.29	1385.37	763.62	408.93	182.56	64.68
OC	2832.29	2810.38	2640.34	2321.12	1867.33	1398.93	785.53	381.81	186.73	53.20
OD	2832.29	2810.38	2640.34	2321.12	1867.33	1398.93	785.53	381.81	186.73	53.20



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	2832	1030			
2.00	3.92	708	258			
3.00	5.88	315	114			
4.00	7.84	177	64			
5.00	9.80	113	41			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	2832	1030			
2.00	3.96	708	258			
3.00	5.93	315	114			
4.00	7.91	177	64			
5.00	9.89	113	41			

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Source Flux	10432 lm	Maximum value	271.50 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	15.2	16.1	15.8	16.7	17.3	15.3	16.2	15.9	16.8	17.4
x=2H y=3H	15.7	16.6	16.4	17.2	17.9	15.8	16.6	16.4	17.2	17.9
x=2H y=4H	15.9	16.7	16.6	17.3	18.1	16.0	16.7	16.6	17.4	18.1
x=2H y=6H	16.1	16.8	16.7	17.4	18.2	16.1	16.8	16.8	17.5	18.2
x=2H y=8H	16.1	16.8	16.8	17.4	18.2	16.1	16.8	16.8	17.4	18.2
x=2H y=12H	16.1	16.7	16.8	17.4	18.2	16.1	16.7	16.8	17.4	18.2
x=4H y=2H	15.2	16.0	15.9	16.6	17.4	15.3	16.1	15.9	16.7	17.4
x=4H y=3H	15.9	16.5	16.6	17.2	18.0	15.9	16.6	16.6	17.2	18.0
x=4H y=4H	16.2	16.7	16.9	17.4	18.3	16.2	16.8	16.9	17.5	18.3
x=4H y=6H	16.4	16.9	17.1	17.6	18.5	16.4	16.9	17.2	17.7	18.5
x=4H y=8H	16.5	16.9	17.2	17.7	18.5	16.5	16.9	17.3	17.7	18.6
x=4H y=12H	16.5	16.9	17.3	17.7	18.6	16.5	16.9	17.3	17.7	18.6
x=8H y=4H	16.2	16.6	16.9	17.4	18.2	16.2	16.7	17.0	17.4	18.3
x=8H y=6H	16.5	16.9	17.3	17.6	18.6	16.6	16.9	17.3	17.7	18.6
x=8H y=8H	16.7	17.0	17.5	17.8	18.7	16.7	17.0	17.5	17.8	18.7
x=8H y=12H	16.8	17.0	17.6	17.8	18.8	16.7	17.0	17.6	17.8	18.8
x=12H y=4H	16.2	16.5	16.9	17.3	18.2	16.2	16.6	17.0	17.3	18.2
x=12H y=6H	16.5	16.8	17.3	17.6	18.5	16.5	16.8	17.3	17.6	18.6
x=12H y=8H	16.7	16.9	17.5	17.7	18.7	16.7	17.0	17.5	17.7	18.7

**Luminaire**

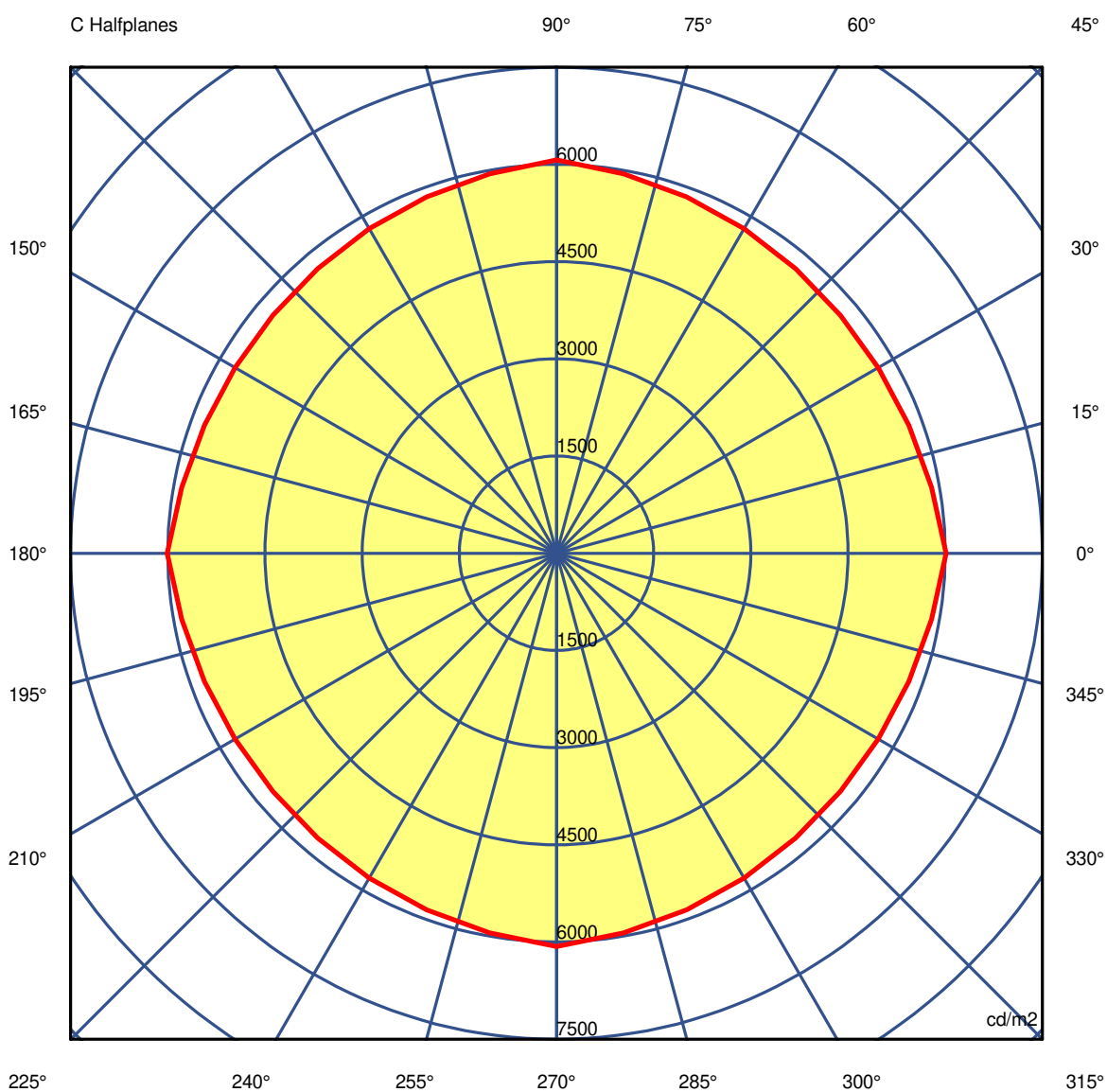
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Luminaire Flux	7363 lm	Luminaire Power	60.1 W	Efficacy	122.506 lm/W	Efficiency	70.58%
Source Flux	10432 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	7363 lm		Luminaire Power		60.1 W		Efficacy		122.506 lm/W		Efficiency		70.58%	
Source Flux	10432 lm		Maximum value		271.50 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	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083	
G 5.0	9900	9886	9867	9851	9848	9846	9843	9850	9871	9904	9871	9850	9843	
G 10.0	9623	9600	9568	9538	9534	9538	9542	9559	9597	9652	9597	9559	9542	
G 15.0	9301	9240	9189	9152	9146	9150	9163	9202	9261	9330	9261	9202	9163	
G 20.0	8906	8826	8756	8697	8677	8683	8711	8769	8853	8958	8853	8769	8711	
G 25.0	8403	8309	8230	8172	8160	8180	8220	8285	8373	8483	8373	8285	8220	
G 30.0	7818	7711	7634	7598	7609	7626	7655	7706	7791	7916	7791	7706	7655	
G 35.0	7198	7095	7023	6993	7008	7036	7063	7108	7185	7296	7185	7108	7063	
G 40.0	6589	6487	6415	6376	6374	6394	6429	6488	6571	6683	6571	6488	6429	
G 45.0	6011	5877	5785	5734	5715	5734	5786	5857	5949	6070	5949	5857	5786	
G 50.0	4851	4823	4800	4701	4487	4527	4792	4848	4905	4977	4905	4848	4792	
G 55.0	3856	4092	3876	3294	2851	2761	3132	3873	4219	3967	4219	3873	3132	
G 60.0	3133	3128	2729	2229	2285	2317	2326	2828	3206	3191	3206	2828	2326	
G 65.0	2563	2426	2130	1740	1891	1939	1829	2139	2407	2393	2407	2139	1829	
G 70.0	1741	1869	1846	1661	1448	1457	1661	1792	1828	1816	1828	1792	1661	
G 75.0	1571	1548	1412	1255	1274	1289	1295	1424	1549	1607	1549	1424	1295	
G 80.0	1221	1226	1215	1183	1154	1157	1183	1195	1189	1176	1189	1195	1183	
G 85.0	932	945	938	888	803	796	863	881	841	767	841	881	863	
G 90.0	810	674	581	509	449	407	373	327	279	232	279	327	373	

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Source Flux	10432 lm		Maximum value		271.50 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	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083	
G 5.0	9846	9848	9851	9867	9886	9900	9886	9867	9851	9848	9846	9843	9850	
G 10.0	9538	9534	9538	9568	9600	9623	9600	9568	9538	9534	9538	9542	9559	
G 15.0	9150	9146	9152	9189	9240	9301	9240	9189	9152	9146	9150	9163	9202	
G 20.0	8683	8677	8697	8756	8826	8906	8826	8756	8697	8677	8683	8711	8769	
G 25.0	8180	8160	8172	8230	8309	8403	8309	8230	8172	8160	8180	8220	8285	
G 30.0	7626	7609	7598	7634	7711	7818	7711	7634	7598	7609	7626	7655	7706	
G 35.0	7036	7008	6993	7023	7095	7198	7095	7023	6993	7008	7036	7063	7108	
G 40.0	6394	6374	6376	6415	6487	6589	6487	6415	6376	6374	6394	6429	6488	
G 45.0	5734	5715	5734	5785	5877	6011	5877	5785	5734	5715	5734	5786	5857	
G 50.0	4527	4487	4701	4800	4823	4851	4823	4800	4701	4487	4527	4792	4848	
G 55.0	2761	2851	3294	3876	4092	3856	4092	3876	3294	2851	2761	3132	3873	
G 60.0	2317	2285	2229	2729	3128	3133	3128	2729	2229	2285	2317	2326	2828	
G 65.0	1939	1891	1740	2130	2426	2563	2426	2130	1740	1891	1939	1829	2139	
G 70.0	1457	1448	1661	1846	1869	1741	1869	1846	1661	1448	1457	1661	1792	
G 75.0	1289	1274	1255	1412	1548	1571	1548	1412	1255	1274	1289	1295	1424	
G 80.0	1157	1154	1183	1215	1226	1221	1226	1215	1183	1154	1157	1183	1195	
G 85.0	796	803	888	938	945	932	945	938	888	803	796	863	881	
G 90.0	407	449	509	581	674	810	674	581	509	449	407	373	327	

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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	10083	10083	10083	10083	10083	10083	10083	10083	10083	10083
G 5.0	9871	9904	9871	9850	9843	9846	9848	9851	9867	9886
G 10.0	9597	9652	9597	9559	9542	9538	9534	9538	9568	9600
G 15.0	9261	9330	9261	9202	9163	9150	9146	9152	9189	9240
G 20.0	8853	8958	8853	8769	8711	8683	8677	8697	8756	8826
G 25.0	8373	8483	8373	8285	8220	8180	8160	8172	8230	8309
G 30.0	7791	7916	7791	7706	7655	7626	7609	7598	7634	7711
G 35.0	7185	7296	7185	7108	7063	7036	7008	6993	7023	7095
G 40.0	6571	6683	6571	6488	6429	6394	6374	6376	6415	6487
G 45.0	5949	6070	5949	5857	5786	5734	5715	5734	5785	5877
G 50.0	4905	4977	4905	4848	4792	4527	4487	4701	4800	4823
G 55.0	4219	3967	4219	3873	3132	2761	2851	3294	3876	4092
G 60.0	3206	3191	3206	2828	2326	2317	2285	2229	2729	3128
G 65.0	2407	2393	2407	2139	1829	1939	1891	1740	2130	2426
G 70.0	1828	1816	1828	1792	1661	1457	1448	1661	1846	1869
G 75.0	1549	1607	1549	1424	1295	1289	1274	1255	1412	1548
G 80.0	1189	1176	1189	1195	1183	1157	1154	1183	1215	1226
G 85.0	841	767	841	881	863	796	803	888	938	945
G 90.0	279	232	279	327	373	407	449	509	581	674