

Luminaire

Code 90721L552

Name ROFY 60 SQ L0550W286 LIGHT+ 830 LO

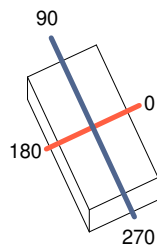
Measurem.

Code 9/8/2023

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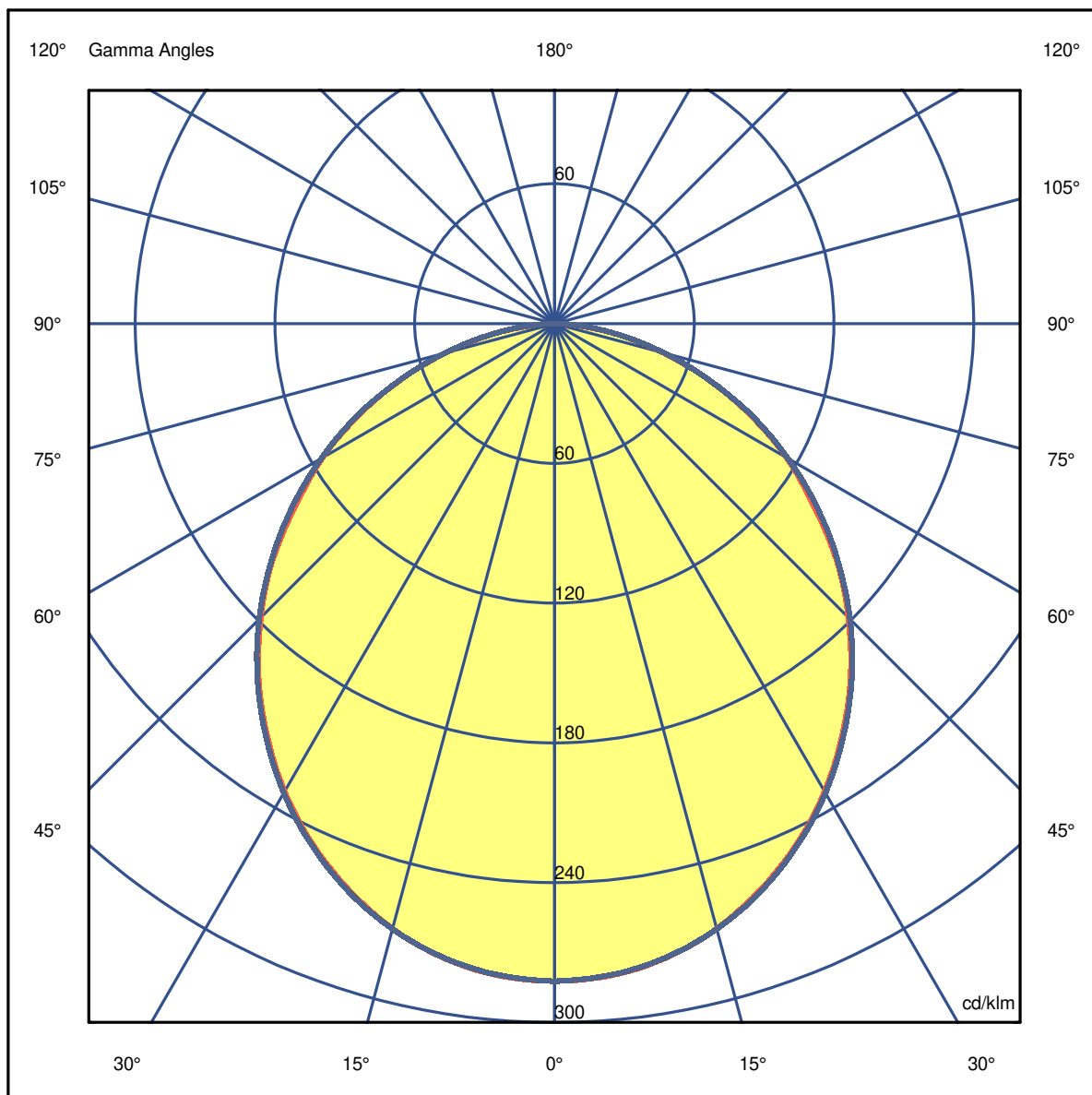
Luminaire Flux	2180 lm	Luminaire Power	17.8 W	Efficacy	122.418 lm/W	Efficiency	76.99%
Source Flux	2832 lm	Maximum value	282.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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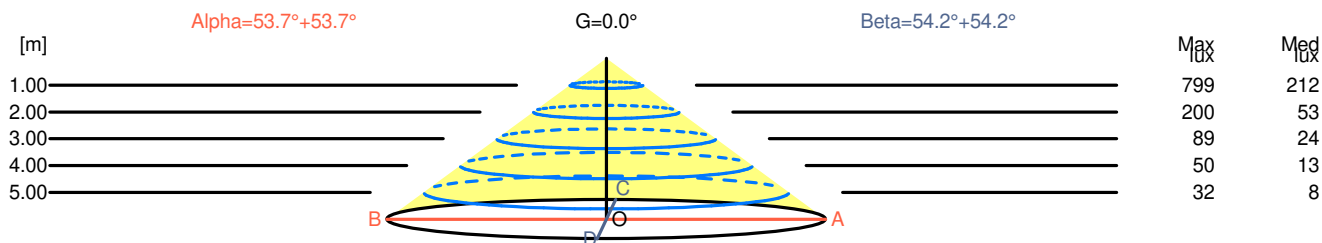
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Source Flux	2832 lm	Maximum value	282.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.36	2.73	4.09	5.45	6.82	OC	1.39	2.77	4.16	5.55	6.93
OB	1.36	2.73	4.09	5.45	6.82	OD	1.39	2.77	4.16	5.55	6.93

	0	5	15	25	35	45	55	65	75	85
OA	799.47	795.23	761.52	697.52	610.01	505.23	384.02	262.81	137.64	31.72
OB	799.47	795.23	761.52	697.52	610.01	505.23	384.02	262.81	137.64	31.72
OC	799.47	794.66	761.81	699.22	612.28	508.06	389.97	264.51	138.77	33.42
OD	799.47	794.66	761.81	699.22	612.28	508.06	389.97	264.51	138.77	33.42



H[m]	D[m]	Max lux	Med lux	Alpha=53.7°+53.7°	G=0.0	
1.00	2.73	799	212			
2.00	5.45	200	53			
3.00	8.18	89	24			
4.00	10.91	50	13			
5.00	13.64	32	8			

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0	
1.00	2.77	799	212			
2.00	5.55	200	53			
3.00	8.32	89	24			
4.00	11.09	50	13			
5.00	13.87	32	8			

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Luminaire Flux	2180 lm	Luminaire Power	17.8 W	Efficacy	122.418 lm/W	Efficiency	76.99%
Source Flux	2832 lm	Maximum value	282.30 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	16.6	17.9	16.9	18.2	18.4	17.0	18.3	17.3	18.5	18.8
x=2H y=3H	17.9	19.1	18.2	19.3	19.6	18.4	19.6	18.7	19.8	20.1
x=2H y=4H	18.3	19.4	18.6	19.7	20.0	18.8	20.0	19.2	20.3	20.5
x=2H y=6H	18.6	19.6	18.9	19.9	20.2	19.2	20.2	19.5	20.5	20.8
x=2H y=8H	18.6	19.6	19.0	19.9	20.2	19.2	20.2	19.6	20.5	20.9
x=2H y=12H	18.6	19.6	19.0	19.9	20.2	19.3	20.2	19.6	20.5	20.9
x=4H y=2H	17.2	18.3	17.5	18.6	18.9	17.5	18.6	17.8	18.9	19.2
x=4H y=3H	18.6	19.6	19.0	19.9	20.2	19.0	20.0	19.4	20.3	20.6
x=4H y=4H	19.2	20.0	19.6	20.4	20.7	19.6	20.5	20.0	20.8	21.2
x=4H y=6H	19.5	20.2	19.9	20.6	21.0	20.0	20.8	20.4	21.1	21.5
x=4H y=8H	19.6	20.3	20.0	20.6	21.1	20.1	20.8	20.6	21.2	21.6
x=4H y=12H	19.6	20.2	20.1	20.6	21.1	20.2	20.8	20.6	21.2	21.7
x=8H y=4H	19.4	20.0	19.8	20.4	20.9	19.8	20.5	20.2	20.9	21.3
x=8H y=6H	19.8	20.4	20.3	20.8	21.2	20.3	20.8	20.7	21.3	21.7
x=8H y=8H	19.9	20.4	20.4	20.9	21.3	20.4	20.9	20.9	21.4	21.8
x=8H y=12H	20.0	20.4	20.5	20.9	21.4	20.5	20.9	21.0	21.4	21.9
x=12H y=4H	19.4	20.0	19.8	20.4	20.8	19.8	20.4	20.2	20.8	21.3
x=12H y=6H	19.8	20.3	20.3	20.8	21.2	20.3	20.8	20.8	21.2	21.7
x=12H y=8H	20.0	20.4	20.5	20.9	21.3	20.5	20.9	21.0	21.4	21.9

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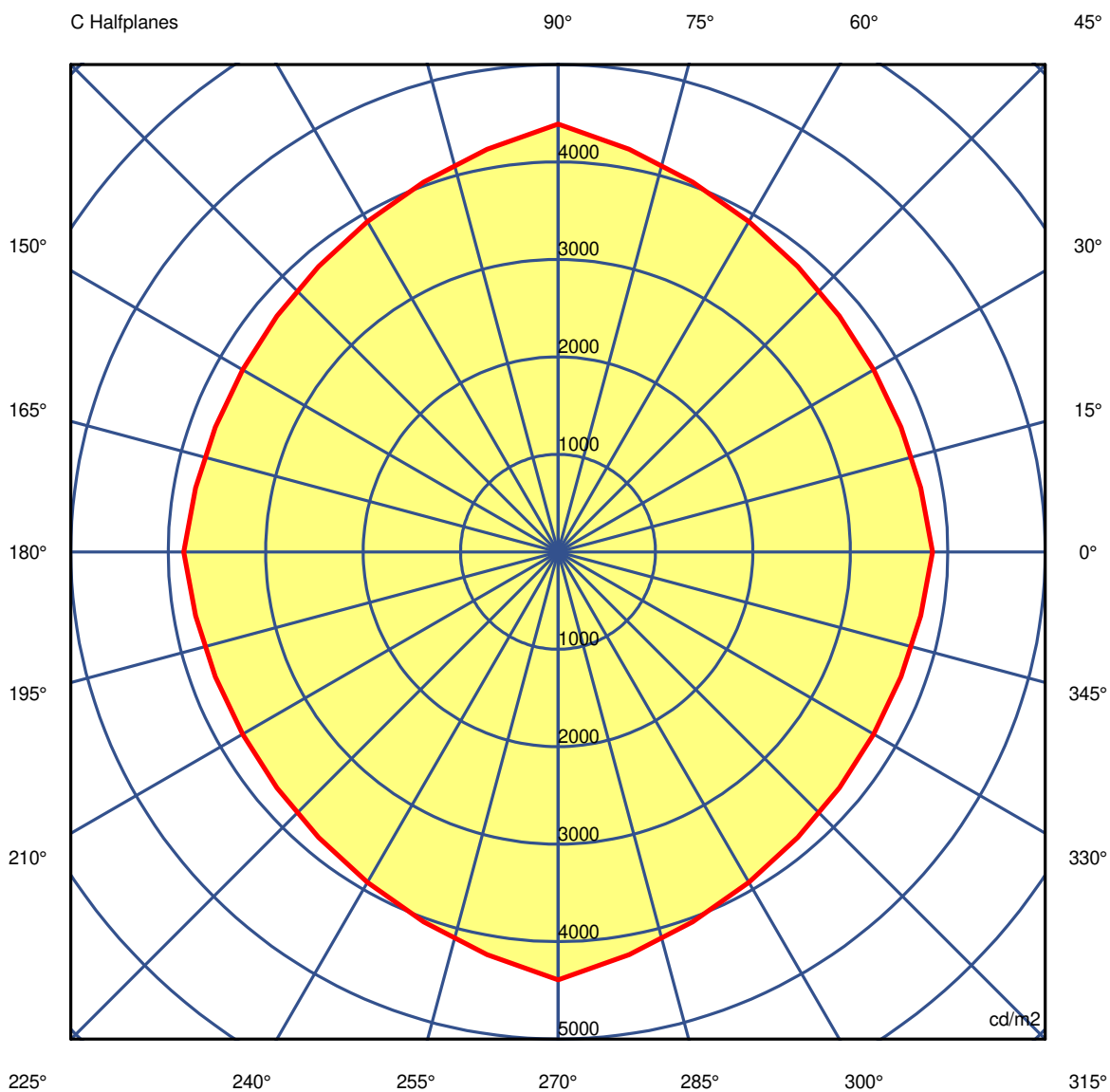
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Luminaire Flux	2180 lm	Luminaire Power	17.8 W	Efficacy	122.418 lm/W	Efficiency	76.99%
Source Flux	2832 lm	Maximum value	282.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Measurement.

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Luminaire Flux	2180 lm	Luminaire Power	17.8 W	Efficacy	122.418 lm/W	Efficiency	76.99%						
Source Flux	2832 lm	Maximum value	282.30 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	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671
G 5.0	5508	5499	5493	5491	5493	5502	5518	5538	5559	5580	5559	5538	5518
G 10.0	5335	5316	5306	5304	5314	5330	5354	5389	5431	5479	5431	5389	5354
G 15.0	5151	5122	5106	5104	5115	5140	5178	5229	5292	5364	5292	5229	5178
G 20.0	4952	4920	4901	4898	4914	4946	4994	5062	5144	5235	5144	5062	4994
G 25.0	4751	4710	4687	4684	4702	4741	4800	4881	4979	5092	4979	4881	4800
G 30.0	4541	4494	4468	4464	4483	4527	4596	4686	4800	4938	4800	4686	4596
G 35.0	4316	4263	4235	4232	4256	4301	4373	4481	4613	4767	4613	4481	4373
G 40.0	4088	4027	3993	3987	4016	4072	4154	4270	4415	4588	4415	4270	4154
G 45.0	3841	3778	3744	3739	3767	3826	3916	4039	4197	4392	4197	4039	3916
G 50.0	3578	3509	3473	3471	3499	3560	3655	3786	3955	4169	3955	3786	3655
G 55.0	3261	3217	3172	3148	3198	3266	3346	3499	3692	3924	3692	3499	3346
G 60.0	2977	2900	2862	2860	2892	2956	3056	3198	3389	3635	3389	3198	3056
G 65.0	2617	2545	2507	2501	2531	2594	2695	2842	3041	3303	3041	2842	2695
G 70.0	2202	2130	2093	2091	2121	2184	2281	2419	2614	2882	2614	2419	2281
G 75.0	1720	1658	1626	1624	1653	1710	1798	1927	2113	2379	2113	1927	1798
G 80.0	1176	1128	1100	1094	1118	1164	1237	1353	1518	1751	1518	1353	1237
G 85.0	555	525	508	504	519	552	601	675	787	960	787	675	601
G 90.0	63	59	57	56	58	61	67	77	94	125	94	77	67

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Source Flux	2832 lm		Maximum value		282.30 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	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671	
G 5.0	5502	5493	5491	5493	5499	5508	5499	5493	5491	5493	5502	5518	5538	
G 10.0	5330	5314	5304	5306	5316	5335	5316	5306	5304	5314	5330	5354	5389	
G 15.0	5140	5115	5104	5106	5122	5151	5122	5106	5104	5115	5140	5178	5229	
G 20.0	4946	4914	4898	4901	4920	4952	4920	4901	4898	4914	4946	4994	5062	
G 25.0	4741	4702	4684	4687	4710	4751	4710	4687	4684	4702	4741	4800	4881	
G 30.0	4527	4483	4464	4468	4494	4541	4494	4468	4464	4483	4527	4596	4686	
G 35.0	4301	4256	4232	4235	4263	4316	4263	4235	4232	4256	4301	4373	4481	
G 40.0	4072	4016	3987	3993	4027	4088	4027	3993	3987	4016	4072	4154	4270	
G 45.0	3826	3767	3739	3744	3778	3841	3778	3744	3739	3767	3826	3916	4039	
G 50.0	3560	3499	3471	3473	3509	3578	3509	3473	3471	3499	3560	3655	3786	
G 55.0	3266	3198	3148	3172	3217	3261	3217	3172	3148	3198	3266	3346	3499	
G 60.0	2956	2892	2860	2862	2900	2977	2900	2862	2860	2892	2956	3056	3198	
G 65.0	2594	2531	2501	2507	2545	2617	2545	2507	2501	2531	2594	2695	2842	
G 70.0	2184	2121	2091	2093	2130	2202	2130	2093	2091	2121	2184	2281	2419	
G 75.0	1710	1653	1624	1626	1658	1720	1658	1626	1624	1653	1710	1798	1927	
G 80.0	1164	1118	1094	1100	1128	1176	1128	1100	1094	1118	1164	1237	1353	
G 85.0	552	519	504	508	525	555	525	508	504	519	552	601	675	
G 90.0	61	58	56	57	59	63	59	57	56	58	61	67	77	

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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	5671	5671	5671	5671	5671	5671	5671	5671	5671	5671
G 5.0	5559	5580	5559	5538	5518	5502	5493	5491	5493	5499
G 10.0	5431	5479	5431	5389	5354	5330	5314	5304	5306	5316
G 15.0	5292	5364	5292	5229	5178	5140	5115	5104	5106	5122
G 20.0	5144	5235	5144	5062	4994	4946	4914	4898	4901	4920
G 25.0	4979	5092	4979	4881	4800	4741	4702	4684	4687	4710
G 30.0	4800	4938	4800	4686	4596	4527	4483	4464	4468	4494
G 35.0	4613	4767	4613	4481	4373	4301	4256	4232	4235	4263
G 40.0	4415	4588	4415	4270	4154	4072	4016	3987	3993	4027
G 45.0	4197	4392	4197	4039	3916	3826	3767	3739	3744	3778
G 50.0	3955	4169	3955	3786	3655	3560	3499	3471	3473	3509
G 55.0	3692	3924	3692	3499	3346	3266	3198	3148	3172	3217
G 60.0	3389	3635	3389	3198	3056	2956	2892	2860	2862	2900
G 65.0	3041	3303	3041	2842	2695	2594	2531	2501	2507	2545
G 70.0	2614	2882	2614	2419	2281	2184	2121	2091	2093	2130
G 75.0	2113	2379	2113	1927	1798	1710	1653	1624	1626	1658
G 80.0	1518	1751	1518	1353	1237	1164	1118	1094	1100	1128
G 85.0	787	960	787	675	601	552	519	504	508	525
G 90.0	94	125	94	77	67	61	58	56	57	59