

Luminaire

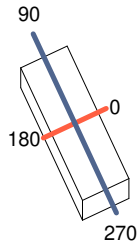
Code 90717L812
Name ROFY 60 SQ D/I L0814W286 LIGHT+ 830 LO

Measurem.

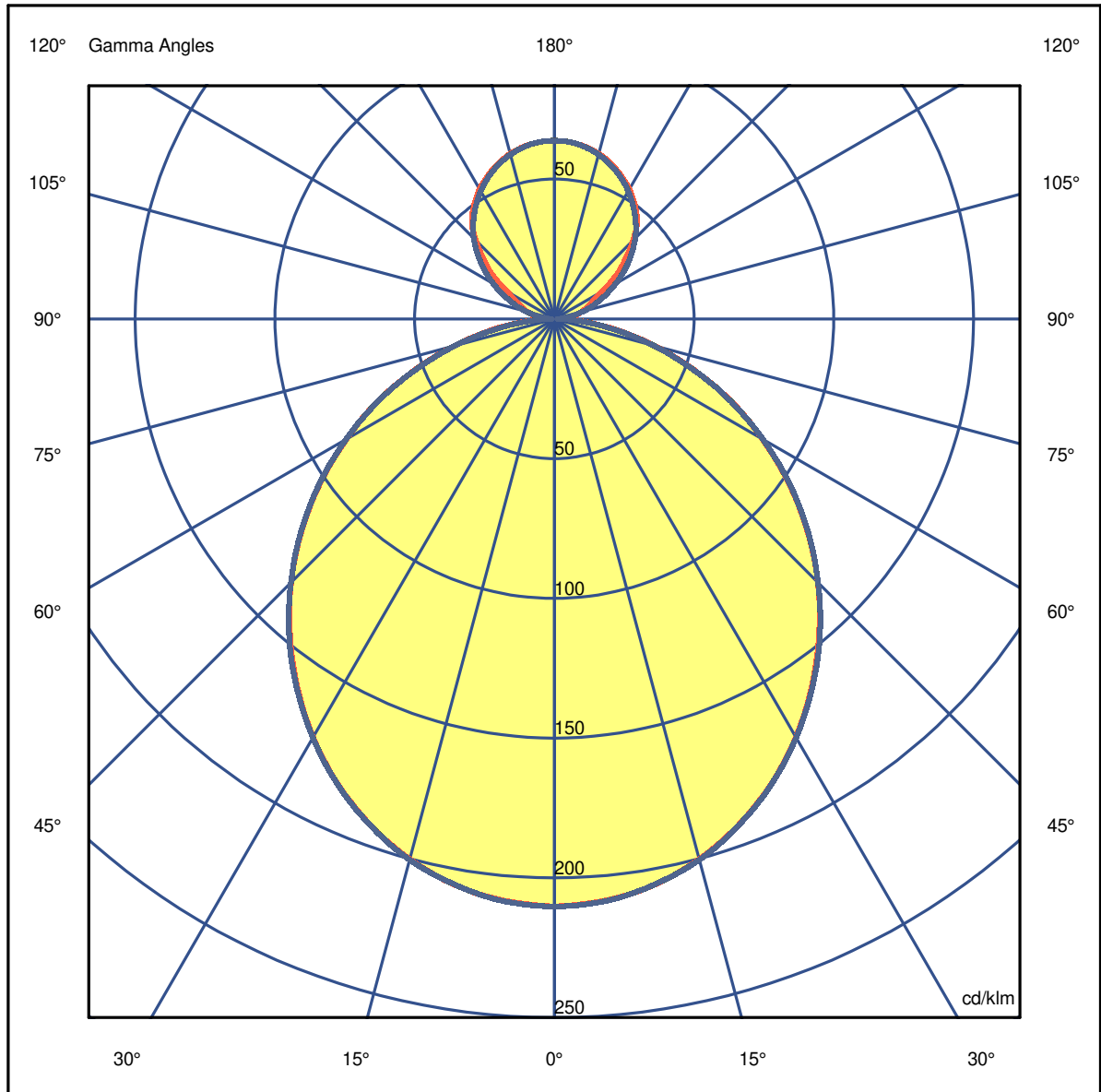
Code 9/8/2023
Name ROFY 60 SQ D/I L0814W286 LIGHT+ 830 LO

Luminaire Flux	4345 lm	Luminaire Power	34.8 W	Efficacy	124.862 lm/W	Efficiency	74.66%
Source Flux	5820 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

814mm x 286mm



C Halfplanes



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Measurment.

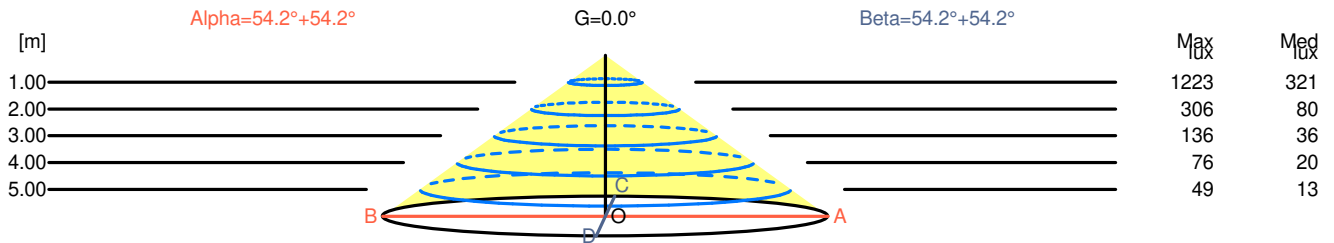
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Luminaire Flux	4345 lm	Luminaire Power	34.8 W	Efficacy	124.862 lm/W	Efficiency	74.66%
Source Flux	5820 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.38	2.77	4.15	5.54	6.92	OC	1.39	2.78	4.16	5.55	6.94
OB	1.38	2.77	4.15	5.54	6.92	OD	1.39	2.78	4.16	5.55	6.94

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1223.36	1215.80	1164.58	1068.55	934.11	775.81	595.97	406.24	215.34	59.36
OB	1223.36	1215.80	1164.58	1068.55	934.11	775.81	595.97	406.24	215.34	59.36
OC	1223.36	1216.96	1165.75	1069.13	936.44	776.39	597.13	405.07	212.43	52.38
OD	1223.36	1216.96	1165.75	1069.13	936.44	776.39	597.13	405.07	212.43	52.38



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0
1.00	2.77	1223	321		
2.00	5.54	306	80		
3.00	8.31	136	36		
4.00	11.08	76	20		
5.00	13.85	49	13		

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0
1.00	2.78	1223	321		
2.00	5.55	306	80		
3.00	8.33	136	36		
4.00	11.10	76	20		
5.00	13.88	49	13		

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Source Flux	5820 lm	Maximum value	210.20 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	15.4	16.4	16.0	17.0	17.7	15.9	16.9	16.5	17.5	18.1
x=2H y=3H	16.6	17.5	17.2	18.1	18.8	17.2	18.2	17.8	18.8	19.5
x=2H y=4H	17.0	17.9	17.6	18.5	19.2	17.7	18.6	18.3	19.2	19.9
x=2H y=6H	17.2	18.0	17.9	18.7	19.5	18.0	18.8	18.7	19.4	20.2
x=2H y=8H	17.3	18.1	18.0	18.7	19.5	18.1	18.8	18.7	19.5	20.3
x=2H y=12H	17.3	18.0	18.0	18.7	19.5	18.1	18.8	18.8	19.5	20.3
x=4H y=2H	15.9	16.8	16.6	17.4	18.2	16.3	17.2	16.9	17.8	18.5
x=4H y=3H	17.2	18.0	17.9	18.6	19.4	17.8	18.5	18.4	19.2	19.9
x=4H y=4H	17.8	18.4	18.5	19.1	19.9	18.4	19.0	19.1	19.7	20.5
x=4H y=6H	18.1	18.6	18.8	19.4	20.2	18.8	19.3	19.5	20.0	20.9
x=4H y=8H	18.2	18.7	18.9	19.4	20.3	18.9	19.4	19.6	20.1	21.0
x=4H y=12H	18.2	18.6	19.0	19.4	20.3	18.9	19.4	19.7	20.1	21.0
x=8H y=4H	17.9	18.4	18.7	19.2	20.0	18.5	19.0	19.2	19.7	20.6
x=8H y=6H	18.3	18.7	19.1	19.5	20.4	18.9	19.4	19.7	20.1	21.0
x=8H y=8H	18.5	18.8	19.2	19.6	20.5	19.1	19.5	19.9	20.2	21.1
x=8H y=12H	18.5	18.8	19.3	19.6	20.6	19.2	19.5	20.0	20.3	21.2
x=12H y=4H	17.9	18.4	18.7	19.1	20.0	18.4	18.9	19.2	19.7	20.5
x=12H y=6H	18.3	18.7	19.1	19.5	20.4	18.9	19.3	19.7	20.1	21.0
x=12H y=8H	18.5	18.8	19.3	19.6	20.5	19.1	19.4	19.9	20.2	21.2

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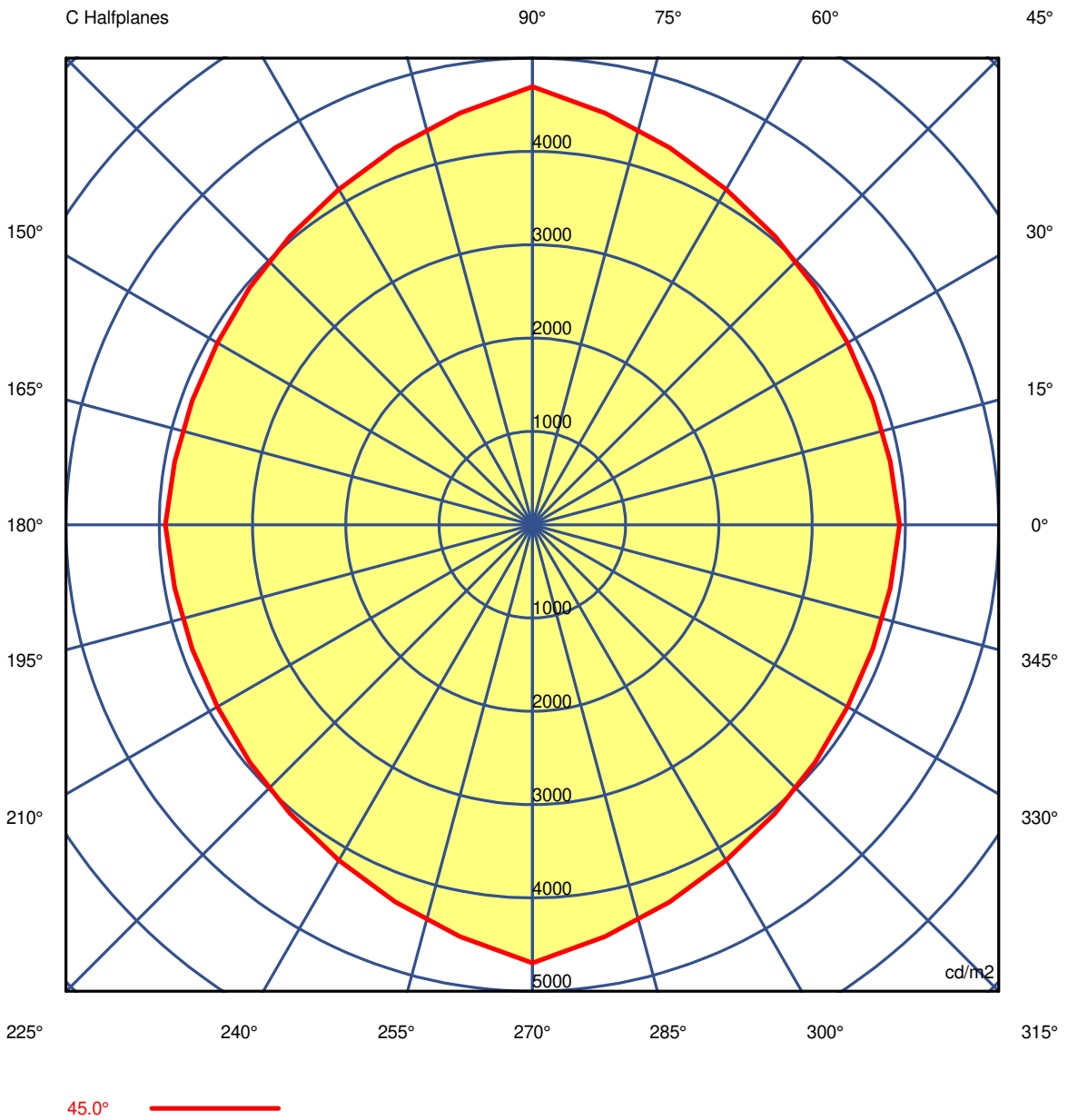
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Measur.

Code 9/8/2023
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Luminaire Flux	4345 lm	Luminaire Power	34.8 W	Efficacy	124.862 lm/W	Efficiency	74.66%
Source Flux	5820 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	4345 lm	Luminaire Power	34.8 W	Efficacy	124.862 lm/W	Efficiency	74.66%
Source Flux	5820 lm	Maximum value	210.20 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	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792
G 5.0	5621	5616	5618	5624	5628	5640	5659	5678	5701	5730	5701	5678	5659
G 10.0	5446	5434	5434	5444	5453	5478	5516	5549	5592	5644	5592	5549	5516
G 15.0	5258	5244	5243	5252	5268	5302	5352	5406	5473	5555	5473	5406	5352
G 20.0	5062	5043	5039	5050	5075	5118	5178	5253	5341	5442	5341	5253	5178
G 25.0	4858	4826	4822	4840	4871	4924	5000	5089	5196	5320	5196	5089	5000
G 30.0	4642	4611	4605	4623	4659	4719	4804	4906	5031	5184	5031	4906	4804
G 35.0	4412	4382	4374	4388	4429	4500	4600	4718	4862	5035	4862	4718	4600
G 40.0	4178	4143	4134	4152	4199	4276	4381	4516	4682	4878	4682	4516	4381
G 45.0	3937	3896	3883	3899	3957	4041	4154	4300	4481	4696	4481	4300	4154
G 50.0	3670	3622	3610	3633	3688	3776	3898	4057	4256	4502	4256	4057	3898
G 55.0	3378	3330	3321	3346	3396	3486	3619	3789	4005	4276	4005	3789	3619
G 60.0	3051	3007	3000	3026	3077	3169	3305	3482	3711	4003	3711	3482	3305
G 65.0	2701	2648	2635	2660	2718	2811	2944	3122	3365	3691	3365	3122	2944
G 70.0	2270	2228	2218	2239	2294	2390	2531	2706	2948	3281	2948	2706	2531
G 75.0	1797	1756	1745	1765	1815	1901	2028	2193	2432	2777	2432	2193	2028
G 80.0	1281	1246	1237	1243	1260	1321	1429	1587	1815	2153	1815	1587	1429
G 85.0	693	666	655	656	665	692	749	849	1010	1280	1010	849	749
G 90.0	319	302	287	275	273	274	273	277	287	309	287	277	273

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Source Flux	5820 lm	Maximum value	210.20 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	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792
G 5.0	5640	5628	5624	5618	5616	5621	5616	5618	5624	5628	5640	5659	5678
G 10.0	5478	5453	5444	5434	5434	5446	5434	5434	5444	5453	5478	5516	5549
G 15.0	5302	5268	5252	5243	5244	5258	5244	5243	5252	5268	5302	5352	5406
G 20.0	5118	5075	5050	5039	5043	5062	5043	5039	5050	5075	5118	5178	5253
G 25.0	4924	4871	4840	4822	4826	4858	4826	4822	4840	4871	4924	5000	5089
G 30.0	4719	4659	4623	4605	4611	4642	4611	4605	4623	4659	4719	4804	4906
G 35.0	4500	4429	4388	4374	4382	4412	4382	4374	4388	4429	4500	4600	4718
G 40.0	4276	4199	4152	4134	4143	4178	4143	4134	4152	4199	4276	4381	4516
G 45.0	4041	3957	3899	3883	3896	3937	3896	3883	3899	3957	4041	4154	4300
G 50.0	3776	3688	3633	3610	3622	3670	3622	3610	3633	3688	3776	3898	4057
G 55.0	3486	3396	3346	3321	3330	3378	3330	3321	3346	3396	3486	3619	3789
G 60.0	3169	3077	3026	3000	3007	3051	3007	3000	3026	3077	3169	3305	3482
G 65.0	2811	2718	2660	2635	2648	2701	2648	2635	2660	2718	2811	2944	3122
G 70.0	2390	2294	2239	2218	2228	2270	2228	2218	2239	2294	2390	2531	2706
G 75.0	1901	1815	1765	1745	1756	1797	1756	1745	1765	1815	1901	2028	2193
G 80.0	1321	1260	1243	1237	1246	1281	1246	1237	1243	1260	1321	1429	1587
G 85.0	692	665	656	655	666	693	666	655	665	665	692	749	849
G 90.0	274	273	275	287	302	319	302	287	275	273	274	273	277

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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	5792	5792	5792	5792	5792	5792	5792	5792	5792	5792
G 5.0	5701	5730	5701	5678	5659	5640	5628	5624	5618	5616
G 10.0	5592	5644	5592	5549	5516	5478	5453	5444	5434	5434
G 15.0	5473	5555	5473	5406	5352	5302	5268	5252	5243	5244
G 20.0	5341	5442	5341	5253	5178	5118	5075	5050	5039	5043
G 25.0	5196	5320	5196	5089	5000	4924	4871	4840	4822	4826
G 30.0	5031	5184	5031	4906	4804	4719	4659	4623	4605	4611
G 35.0	4862	5035	4862	4718	4600	4500	4429	4388	4374	4382
G 40.0	4682	4878	4682	4516	4381	4276	4199	4152	4134	4143
G 45.0	4481	4696	4481	4300	4154	4041	3957	3899	3883	3896
G 50.0	4256	4502	4256	4057	3898	3776	3688	3633	3610	3622
G 55.0	4005	4276	4005	3789	3619	3486	3396	3346	3321	3330
G 60.0	3711	4003	3711	3482	3305	3169	3077	3026	3000	3007
G 65.0	3365	3691	3365	3122	2944	2811	2718	2660	2635	2648
G 70.0	2948	3281	2948	2706	2531	2390	2294	2239	2218	2228
G 75.0	2432	2777	2432	2193	2028	1901	1815	1765	1745	1756
G 80.0	1815	2153	1815	1587	1429	1321	1260	1243	1237	1246
G 85.0	1010	1280	1010	849	749	692	665	656	655	666
G 90.0	287	309	287	277	273	274	273	275	287	302