

Luminaire

Code 90716L812

Name ROFY 60 SQ D/I L0814W286 LIGHT+ 840 HO

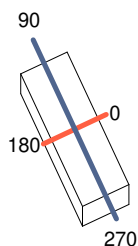
Measurem.

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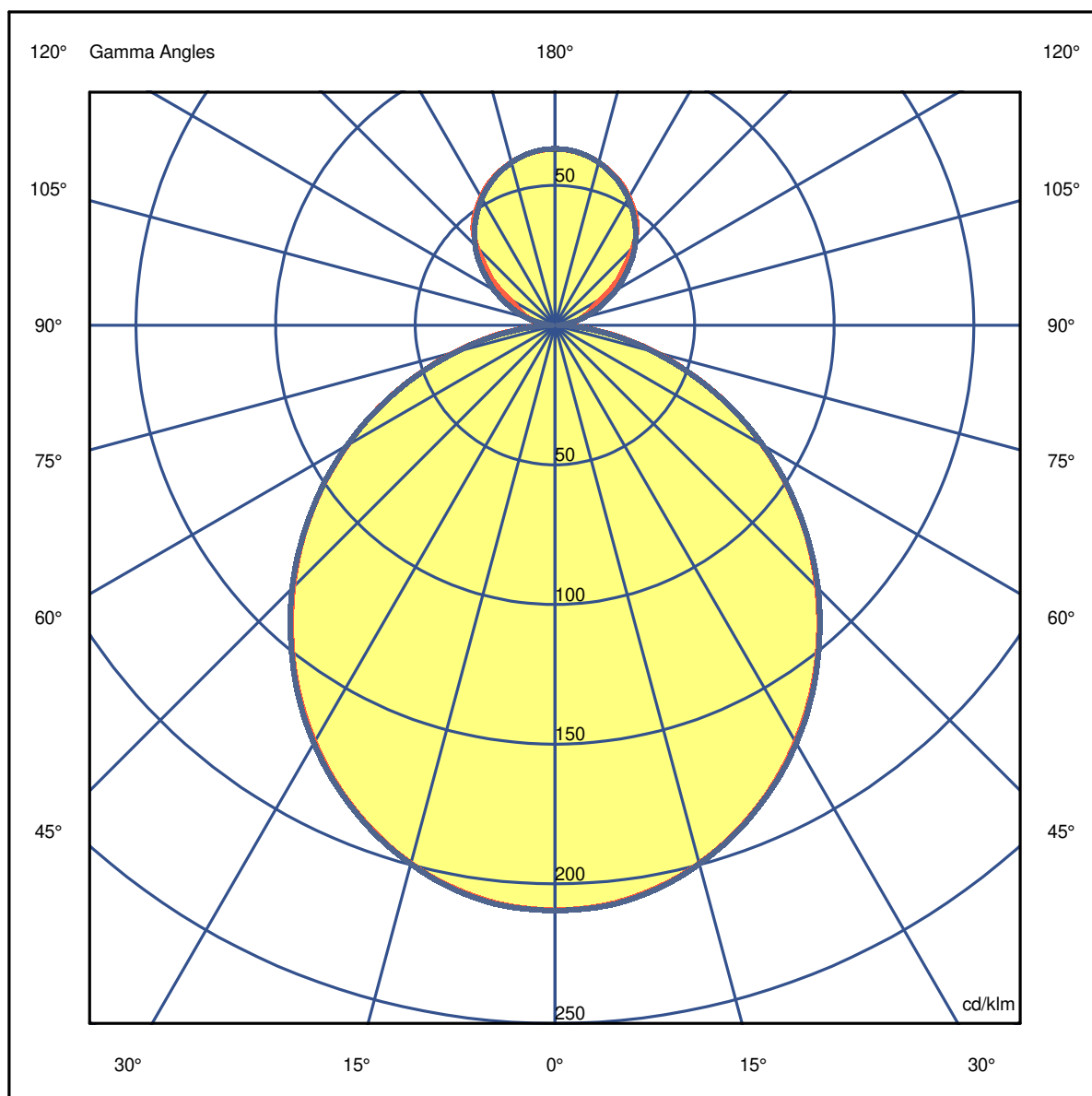
Luminaire Flux	6245 lm	Luminaire Power	47.8 W	Efficacy	130.591 lm/W	Efficiency	74.36%
Source Flux	8398 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

814mm x 286mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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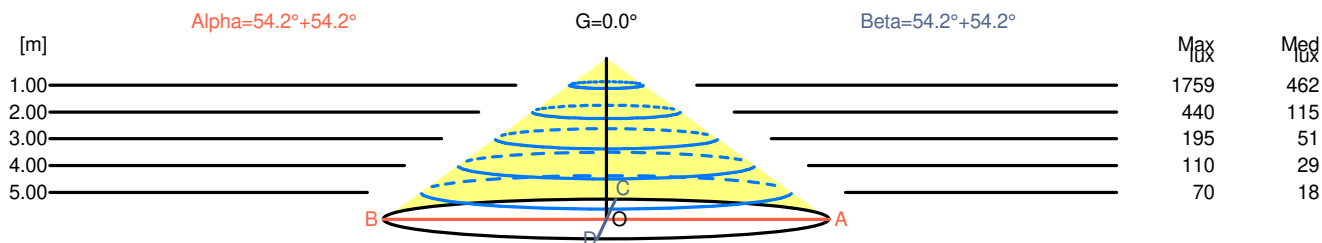
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Width at 50.00 % of Max Intensity

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	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

	0	5	15	25	35	45	55	65	75	85
OA	1759.38	1749.30	1675.40	1535.99	1345.36	1113.57	857.44	583.66	310.73	84.82
OB	1759.38	1749.30	1675.40	1535.99	1345.36	1113.57	857.44	583.66	310.73	84.82
OC	1759.38	1752.66	1677.08	1539.35	1349.56	1118.61	859.12	582.82	304.85	75.58
OD	1759.38	1752.66	1677.08	1539.35	1349.56	1118.61	859.12	582.82	304.85	75.58



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0	
1.00	2.77	1759	462			
2.00	5.54	440	115			
3.00	8.31	195	51			
4.00	11.08	110	29			
5.00	13.85	70	18			

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0	
1.00	2.78	1759	462			
2.00	5.55	440	115			
3.00	8.33	195	51			
4.00	11.10	110	29			
5.00	13.88	70	18			

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Luminaire Flux	6245 lm	Luminaire Power	47.8 W	Efficacy	130.591 lm/W	Efficiency	74.36%
Source Flux	8398 lm	Maximum value	209.50 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	16.7	17.7	17.2	18.3	18.9	17.2	18.2	17.7	18.8	19.4
x=2H y=3H	17.8	18.8	18.5	19.4	20.1	18.5	19.4	19.1	20.0	20.7
x=2H y=4H	18.3	19.1	18.9	19.8	20.5	19.0	19.8	19.6	20.5	21.2
x=2H y=6H	18.5	19.3	19.2	20.0	20.7	19.3	20.1	19.9	20.7	21.5
x=2H y=8H	18.6	19.3	19.2	20.0	20.8	19.3	20.1	20.0	20.8	21.5
x=2H y=12H	18.6	19.3	19.2	20.0	20.7	19.4	20.1	20.0	20.8	21.6
x=4H y=2H	17.2	18.0	17.8	18.7	19.4	17.6	18.4	18.2	19.1	19.8
x=4H y=3H	18.5	19.2	19.2	19.9	20.7	19.0	19.8	19.7	20.4	21.2
x=4H y=4H	19.0	19.7	19.7	20.4	21.2	19.6	20.3	20.3	21.0	21.8
x=4H y=6H	19.4	19.9	20.1	20.6	21.5	20.0	20.6	20.8	21.3	22.1
x=4H y=8H	19.4	19.9	20.2	20.7	21.5	20.1	20.6	20.9	21.4	22.2
x=4H y=12H	19.5	19.9	20.2	20.7	21.6	20.2	20.7	20.9	21.4	22.3
x=8H y=4H	19.2	19.7	19.9	20.4	21.3	19.7	20.2	20.5	21.0	21.8
x=8H y=6H	19.6	20.0	20.4	20.8	21.7	20.2	20.6	21.0	21.4	22.3
x=8H y=8H	19.7	20.1	20.5	20.9	21.8	20.4	20.7	21.2	21.5	22.4
x=8H y=12H	19.8	20.1	20.6	20.9	21.8	20.4	20.8	21.2	21.6	22.5
x=12H y=4H	19.2	19.6	19.9	20.4	21.3	19.7	20.2	20.5	20.9	21.8
x=12H y=6H	19.6	20.0	20.4	20.8	21.7	20.2	20.6	21.0	21.4	22.3
x=12H y=8H	19.7	20.1	20.5	20.9	21.8	20.4	20.7	21.2	21.5	22.4

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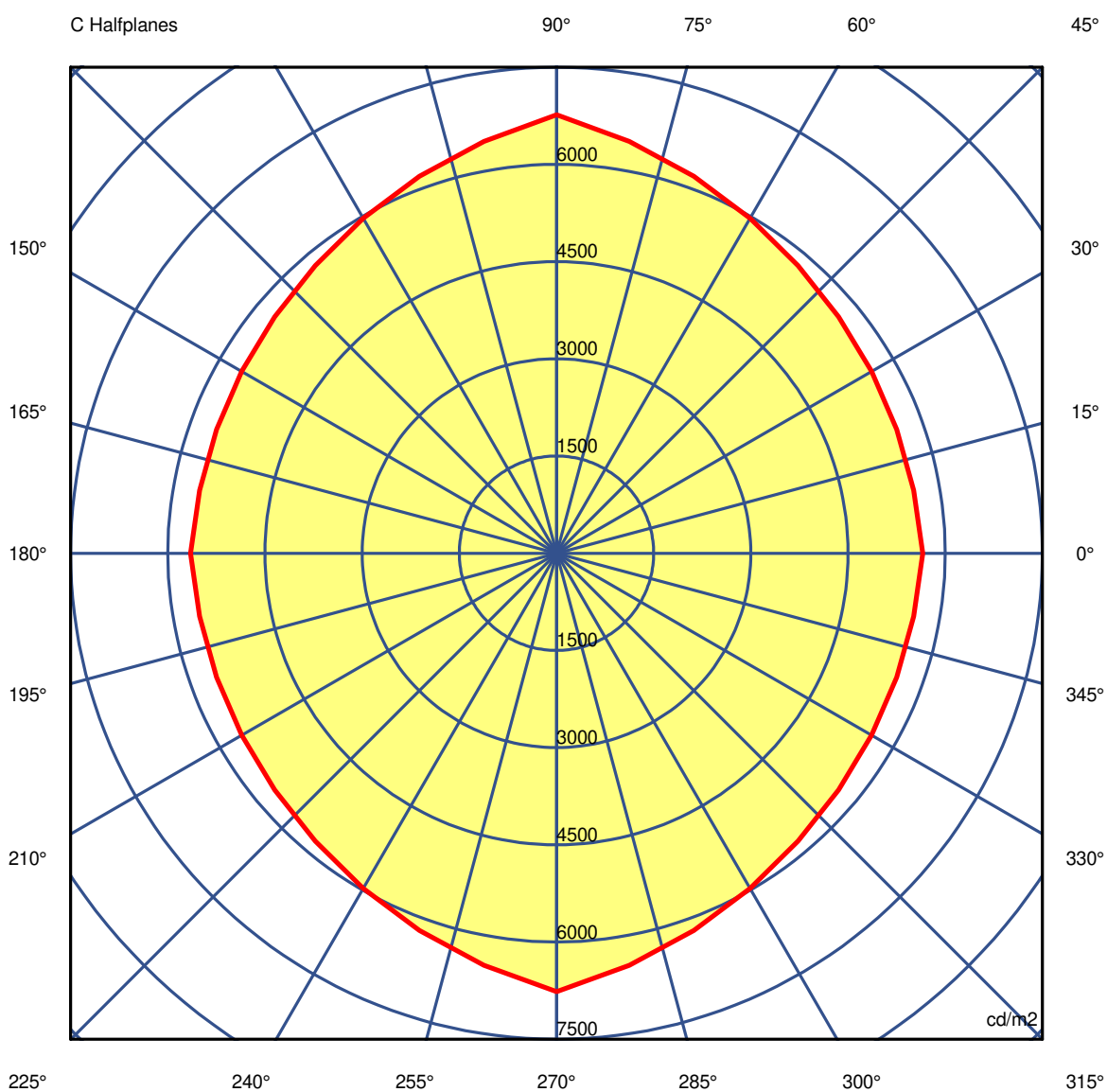
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Luminaire Flux	6245 lm	Luminaire Power	47.8 W	Efficacy	130.591 lm/W	Efficiency	74.36%
Source Flux	8398 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Luminaire Flux	6245 lm		Luminaire Power		47.8 W		Efficacy		130.591 lm/W		Efficiency		74.36%	
Source Flux	8398 lm		Maximum value		209.50 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	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330	
G 5.0	8088	8088	8087	8085	8089	8108	8138	8174	8212	8253	8212	8174	8138	
G 10.0	7832	7820	7818	7825	7845	7876	7920	7982	8056	8136	8056	7982	7920	
G 15.0	7565	7548	7545	7552	7574	7624	7700	7787	7884	7991	7884	7787	7700	
G 20.0	7278	7255	7248	7260	7300	7363	7448	7561	7691	7832	7691	7561	7448	
G 25.0	6984	6951	6944	6961	7004	7083	7195	7323	7477	7660	7477	7323	7195	
G 30.0	6675	6640	6630	6648	6699	6785	6908	7068	7258	7472	7258	7068	6908	
G 35.0	6354	6308	6295	6316	6374	6479	6625	6794	7003	7257	7003	6794	6625	
G 40.0	6009	5964	5953	5975	6038	6153	6313	6507	6739	7016	6739	6507	6313	
G 45.0	5651	5595	5584	5614	5681	5799	5971	6193	6457	6766	6457	6193	5971	
G 50.0	5273	5218	5203	5229	5304	5429	5606	5841	6130	6474	6130	5841	5606	
G 55.0	4860	4795	4779	4809	4892	5023	5207	5455	5767	6151	5767	5455	5207	
G 60.0	4392	4326	4313	4351	4425	4555	4753	5015	5348	5769	5348	5015	4753	
G 65.0	3880	3813	3795	3822	3899	4036	4236	4498	4848	5310	4848	4498	4236	
G 70.0	3269	3198	3186	3224	3299	3432	3631	3887	4235	4716	4235	3887	3631	
G 75.0	2593	2533	2513	2532	2610	2732	2903	3156	3506	3985	3506	3156	2903	
G 80.0	1848	1798	1778	1777	1813	1901	2053	2279	2610	3106	2610	2279	2053	
G 85.0	990	958	939	927	952	1001	1080	1224	1458	1847	1458	1224	1080	
G 90.0	460	423	410	409	400	394	394	386	392	446	392	386	394	

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Source Flux	8398 lm		Maximum value		209.50 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	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330	
G 5.0	8108	8089	8085	8087	8088	8088	8088	8087	8085	8089	8108	8138	8174	
G 10.0	7876	7845	7825	7818	7820	7832	7820	7818	7825	7845	7876	7920	7982	
G 15.0	7624	7574	7552	7545	7548	7565	7548	7545	7552	7574	7624	7700	7787	
G 20.0	7363	7300	7260	7248	7255	7278	7255	7248	7260	7300	7363	7448	7561	
G 25.0	7083	7004	6961	6944	6951	6984	6951	6944	6961	7004	7083	7195	7323	
G 30.0	6785	6699	6648	6630	6640	6675	6640	6630	6648	6699	6785	6908	7068	
G 35.0	6479	6374	6316	6295	6308	6354	6308	6295	6316	6374	6479	6625	6794	
G 40.0	6153	6038	5975	5953	5964	6009	5964	5953	5975	6038	6153	6313	6507	
G 45.0	5799	5681	5614	5584	5595	5651	5595	5584	5614	5681	5799	5971	6193	
G 50.0	5429	5304	5229	5203	5218	5273	5218	5203	5229	5304	5429	5606	5841	
G 55.0	5023	4892	4809	4779	4795	4860	4795	4779	4809	4892	5023	5207	5455	
G 60.0	4555	4425	4351	4313	4326	4392	4326	4313	4351	4425	4555	4753	5015	
G 65.0	4036	3899	3822	3795	3813	3880	3813	3795	3822	3899	4036	4236	4498	
G 70.0	3432	3299	3224	3186	3198	3269	3198	3186	3224	3299	3432	3631	3887	
G 75.0	2732	2610	2532	2513	2533	2593	2533	2513	2532	2610	2732	2903	3156	
G 80.0	1901	1813	1777	1778	1798	1848	1798	1778	1777	1813	1901	2053	2279	
G 85.0	1001	952	927	939	958	990	958	939	927	952	1001	1080	1224	
G 90.0	394	400	409	410	423	460	423	410	409	400	394	394	386	

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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	8330	8330	8330	8330	8330	8330	8330	8330	8330	8330
G 5.0	8212	8253	8212	8174	8138	8108	8089	8085	8087	8088
G 10.0	8056	8136	8056	7982	7920	7876	7845	7825	7818	7820
G 15.0	7884	7991	7884	7787	7700	7624	7574	7552	7545	7548
G 20.0	7691	7832	7691	7561	7448	7363	7300	7260	7248	7255
G 25.0	7477	7660	7477	7323	7195	7083	7004	6961	6944	6951
G 30.0	7258	7472	7258	7068	6908	6785	6699	6648	6630	6640
G 35.0	7003	7257	7003	6794	6625	6479	6374	6316	6295	6308
G 40.0	6739	7016	6739	6507	6313	6153	6038	5975	5953	5964
G 45.0	6457	6766	6457	6193	5971	5799	5681	5614	5584	5595
G 50.0	6130	6474	6130	5841	5606	5429	5304	5229	5203	5218
G 55.0	5767	6151	5767	5455	5207	5023	4892	4809	4779	4795
G 60.0	5348	5769	5348	5015	4753	4555	4425	4351	4313	4326
G 65.0	4848	5310	4848	4498	4236	4036	3899	3822	3795	3813
G 70.0	4235	4716	4235	3887	3631	3432	3299	3224	3186	3198
G 75.0	3506	3985	3506	3156	2903	2732	2610	2532	2513	2533
G 80.0	2610	3106	2610	2279	2053	1901	1813	1777	1778	1798
G 85.0	1458	1847	1458	1224	1080	1001	952	927	939	958
G 90.0	392	446	392	386	394	394	400	409	410	423