

Luminaire

Code 90714L812

Name ROFY 60 SQ D/I L0814W286 GCONTROL+ K3 830 HO

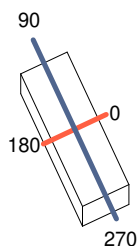
Measurem.

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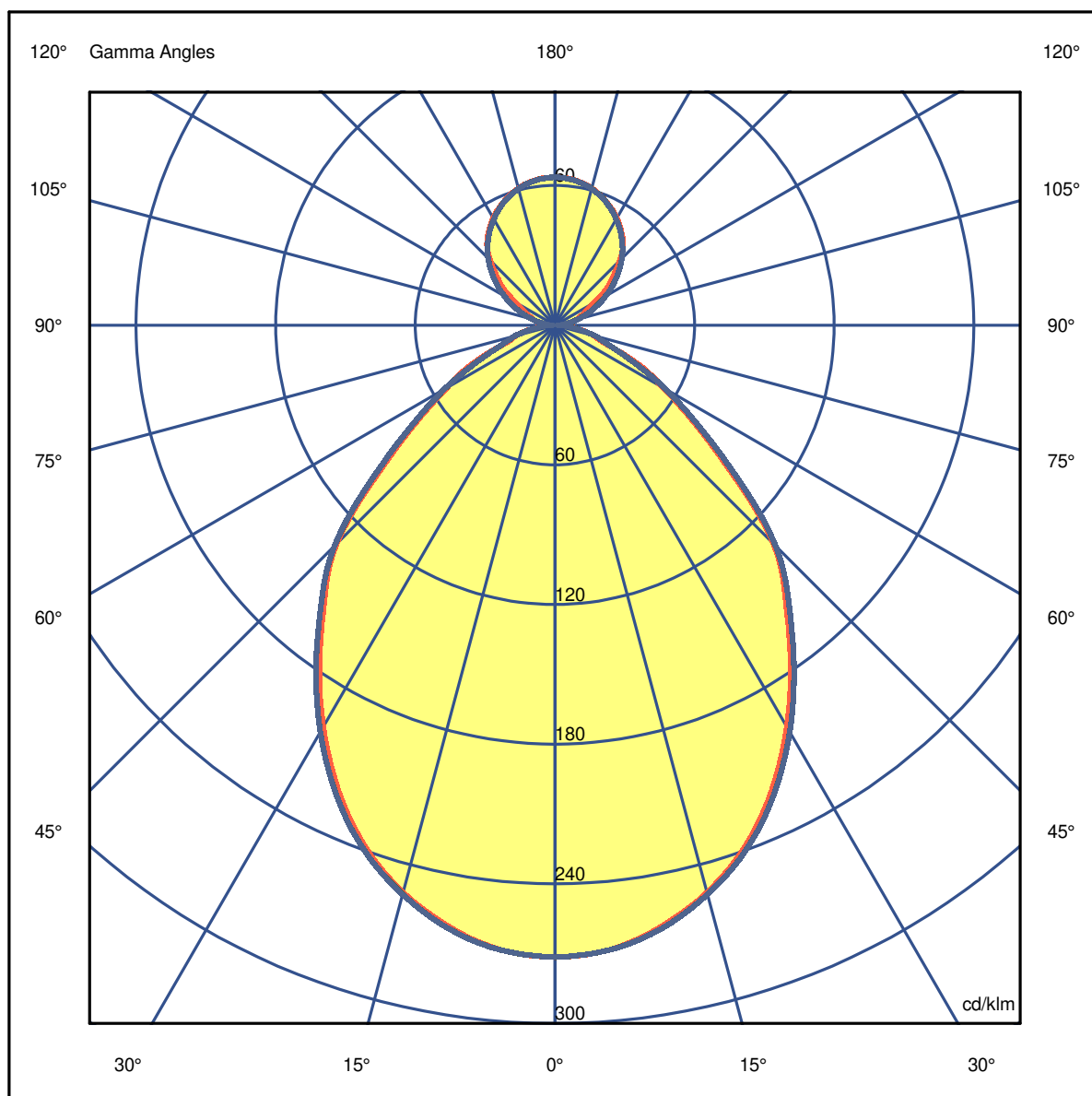
Luminaire Flux	5660 lm	Luminaire Power	47.8 W	Efficacy	118.352 lm/W	Efficiency	70.58%
Source Flux	8019 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

814mm x 286mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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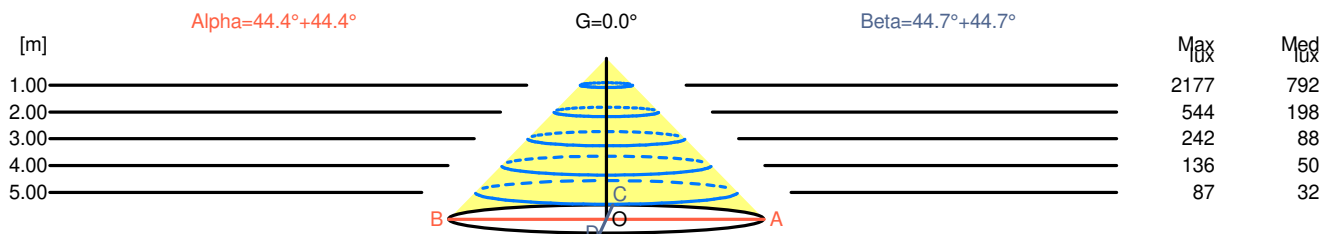
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Luminaire Flux	5660 lm	Luminaire Power	47.8 W	Efficacy	118.352 lm/W	Efficiency	70.58%
Source Flux	8019 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	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	2177.16	2159.52	2023.19	1767.39	1416.16	1064.92	586.99	314.34	140.33	49.72
OB	2177.16	2159.52	2023.19	1767.39	1416.16	1064.92	586.99	314.34	140.33	49.72
OC	2177.16	2160.32	2029.61	1784.23	1435.40	1075.35	603.83	293.50	143.54	40.90
OD	2177.16	2160.32	2029.61	1784.23	1435.40	1075.35	603.83	293.50	143.54	40.90



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	2177	792			
2.00	3.92	544	198			
3.00	5.88	242	88			
4.00	7.84	136	50			
5.00	9.80	87	32			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	2177	792			
2.00	3.96	544	198			
3.00	5.93	242	88			
4.00	7.91	136	50			
5.00	9.89	87	32			

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Luminaire Flux	5660 lm	Luminaire Power	47.8 W	Efficacy	118.352 lm/W	Efficiency	70.58%
Source Flux	8019 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	14.8	15.8	15.5	16.3	17.0	15.4	16.3	16.0	16.9	17.5
x=2H y=3H	15.3	16.1	16.0	16.8	17.5	15.9	16.7	16.5	17.3	18.0
x=2H y=4H	15.5	16.2	16.1	16.9	17.6	16.1	16.9	16.7	17.5	18.2
x=2H y=6H	15.6	16.3	16.2	16.9	17.7	16.2	16.9	16.9	17.6	18.4
x=2H y=8H	15.6	16.3	16.3	16.9	17.7	16.3	16.9	17.0	17.6	18.4
x=2H y=12H	15.6	16.2	16.3	16.9	17.7	16.3	16.9	17.0	17.6	18.4
x=4H y=2H	14.9	15.6	15.5	16.3	17.0	15.3	16.1	16.0	16.8	17.5
x=4H y=3H	15.5	16.1	16.2	16.8	17.6	16.0	16.6	16.7	17.3	18.1
x=4H y=4H	15.7	16.3	16.4	17.0	17.8	16.3	16.9	17.0	17.6	18.4
x=4H y=6H	15.9	16.4	16.6	17.1	18.0	16.5	17.0	17.3	17.8	18.6
x=4H y=8H	16.0	16.4	16.7	17.1	18.0	16.6	17.1	17.4	17.8	18.7
x=4H y=12H	16.0	16.4	16.8	17.1	18.0	16.7	17.1	17.4	17.8	18.7
x=8H y=4H	15.7	16.2	16.5	16.9	17.8	16.3	16.7	17.0	17.5	18.3
x=8H y=6H	16.0	16.4	16.8	17.1	18.1	16.6	17.0	17.4	17.8	18.7
x=8H y=8H	16.1	16.4	16.9	17.2	18.1	16.8	17.1	17.6	17.9	18.8
x=8H y=12H	16.2	16.5	17.0	17.2	18.2	16.8	17.1	17.7	17.9	18.9
x=12H y=4H	15.7	16.1	16.5	16.9	17.7	16.3	16.6	17.0	17.4	18.3
x=12H y=6H	16.0	16.3	16.8	17.1	18.0	16.6	16.9	17.4	17.7	18.6
x=12H y=8H	16.1	16.4	16.9	17.2	18.2	16.8	17.0	17.6	17.8	18.8

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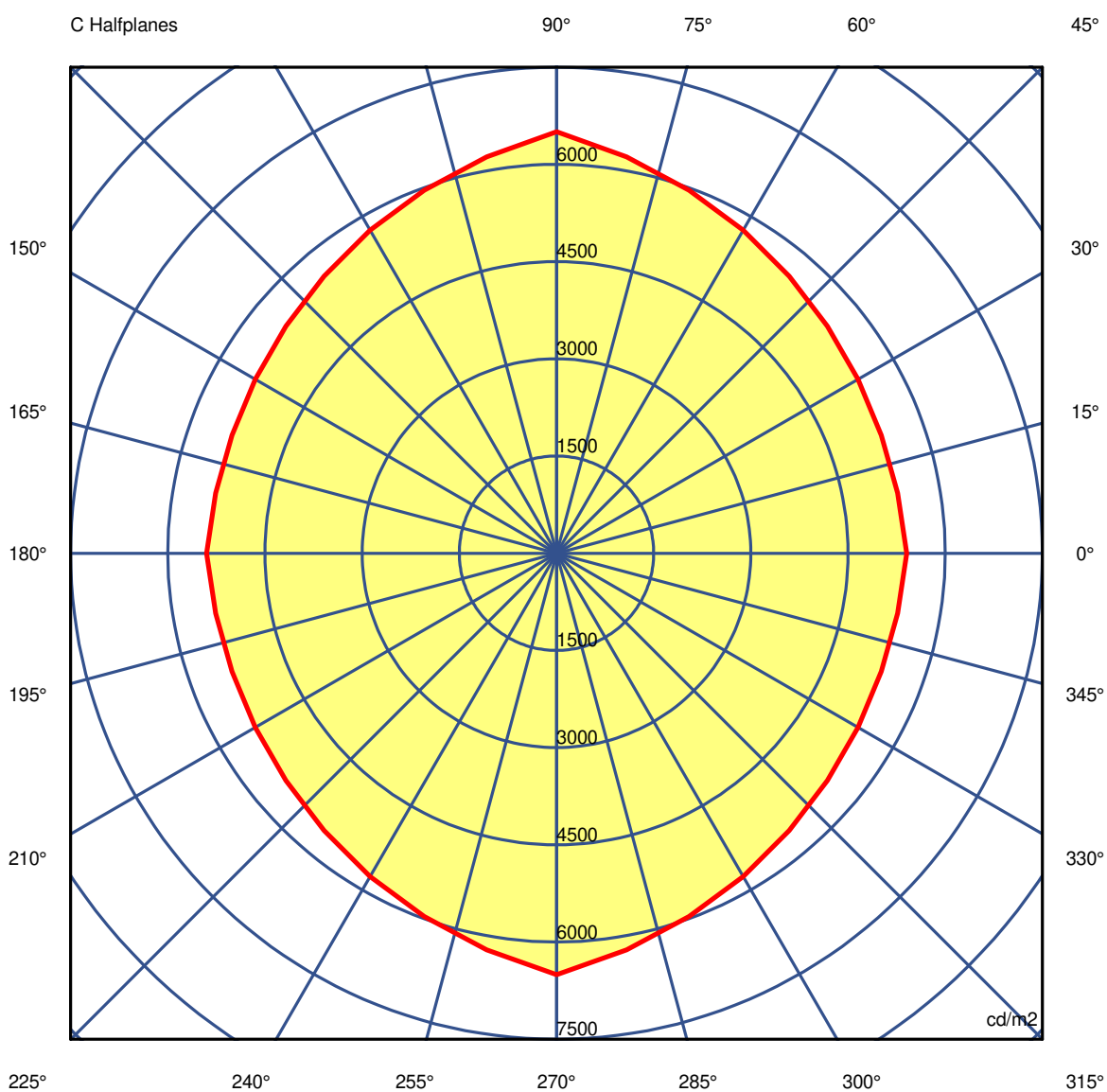
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Luminaire Flux	5660 lm	Luminaire Power	47.8 W	Efficacy	118.352 lm/W	Efficiency	70.58%
Source Flux	8019 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	5660 lm		Luminaire Power		47.8 W		Efficacy		118.352 lm/W		Efficiency		70.58%	
Source Flux	8019 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	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308	
G 5.0	9985	9980	9975	9976	9993	10014	10035	10067	10114	10172	10114	10067	10035	
G 10.0	9577	9574	9568	9571	9604	9650	9700	9765	9853	9959	9853	9765	9700	
G 15.0	9135	9104	9092	9100	9148	9212	9289	9398	9528	9671	9528	9398	9289	
G 20.0	8633	8592	8571	8570	8617	8698	8807	8952	9128	9330	9128	8952	8807	
G 25.0	8036	7989	7969	7979	8045	8151	8287	8455	8652	8878	8652	8455	8287	
G 30.0	7373	7321	7309	7349	7446	7559	7695	7861	8069	8328	8069	7861	7695	
G 35.0	6689	6646	6646	6697	6804	6935	7078	7248	7461	7718	7461	7248	7078	
G 40.0	6027	5991	5995	6043	6137	6265	6421	6612	6842	7113	6842	6612	6421	
G 45.0	5404	5344	5334	5372	5453	5582	5758	5966	6213	6504	6213	5966	5758	
G 50.0	4278	4310	4359	4349	4239	4376	4749	4936	5139	5375	5139	4936	4749	
G 55.0	3327	3586	3461	3005	2663	2647	3089	3941	4438	4323	4438	3941	3089	
G 60.0	2635	2680	2389	2000	2106	2200	2282	2875	3388	3517	3388	2875	2282	
G 65.0	2090	2022	1822	1530	1716	1820	1783	2172	2559	2674	2559	2172	1783	
G 70.0	1366	1506	1534	1426	1289	1349	1606	1819	1957	2067	1957	1819	1606	
G 75.0	1171	1194	1130	1045	1106	1172	1239	1443	1676	1876	1676	1443	1239	
G 80.0	847	891	924	944	969	1026	1115	1208	1305	1429	1305	1208	1115	
G 85.0	581	627	662	666	641	681	796	887	946	999	946	887	796	
G 90.0	416	384	362	345	331	327	331	328	329	355	329	328	331	

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Source Flux	8019 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	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308
G 5.0	10014	9993	9976	9975	9980	9985	9980	9975	9976	9993	10014	10035	10067
G 10.0	9650	9604	9571	9568	9574	9577	9574	9568	9571	9604	9650	9700	9765
G 15.0	9212	9148	9100	9092	9104	9135	9104	9092	9100	9148	9212	9289	9398
G 20.0	8698	8617	8570	8571	8592	8633	8592	8571	8570	8617	8698	8807	8952
G 25.0	8151	8045	7979	7969	7989	8036	7989	7969	7979	8045	8151	8287	8455
G 30.0	7559	7446	7349	7309	7321	7373	7321	7309	7349	7446	7559	7695	7861
G 35.0	6935	6804	6697	6646	6646	6689	6646	6646	6697	6804	6935	7078	7248
G 40.0	6265	6137	6043	5995	5991	6027	5991	5995	6043	6137	6265	6421	6612
G 45.0	5582	5453	5372	5334	5344	5404	5344	5334	5372	5453	5582	5758	5966
G 50.0	4376	4239	4349	4359	4310	4278	4310	4359	4349	4239	4376	4749	4936
G 55.0	2647	2663	3005	3461	3586	3327	3586	3461	3005	2663	2647	3089	3941
G 60.0	2200	2106	2000	2389	2680	2635	2680	2389	2000	2106	2200	2282	2875
G 65.0	1820	1716	1530	1822	2022	2090	2022	1822	1530	1716	1820	1783	2172
G 70.0	1349	1289	1426	1534	1506	1366	1506	1534	1426	1289	1349	1606	1819
G 75.0	1172	1106	1045	1130	1194	1171	1194	1130	1045	1106	1172	1239	1443
G 80.0	1026	969	944	924	891	847	891	924	944	969	1026	1115	1208
G 85.0	681	641	666	662	627	581	627	662	666	641	681	796	887
G 90.0	327	331	345	362	384	416	384	362	345	331	327	331	328

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Source Flux	8019 lm	Maximum value	271.50 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	10308	10308	10308	10308	10308	10308	10308	10308	10308	10308
G 5.0	10114	10172	10114	10067	10035	10014	9993	9976	9975	9980
G 10.0	9853	9959	9853	9765	9700	9650	9604	9571	9568	9574
G 15.0	9528	9671	9528	9398	9289	9212	9148	9100	9092	9104
G 20.0	9128	9330	9128	8952	8807	8698	8617	8570	8571	8592
G 25.0	8652	8878	8652	8455	8287	8151	8045	7979	7969	7989
G 30.0	8069	8328	8069	7861	7695	7559	7446	7349	7309	7321
G 35.0	7461	7718	7461	7248	7078	6935	6804	6697	6646	6646
G 40.0	6842	7113	6842	6612	6421	6265	6137	6043	5995	5991
G 45.0	6213	6504	6213	5966	5758	5582	5453	5372	5334	5344
G 50.0	5139	5375	5139	4936	4749	4576	4439	4349	4359	4310
G 55.0	4438	4323	4438	3941	3089	2647	2663	3005	3461	3586
G 60.0	3388	3517	3388	2875	2282	2200	2106	2000	2389	2680
G 65.0	2559	2674	2559	2172	1783	1820	1716	1530	1822	2022
G 70.0	1957	2067	1957	1819	1606	1349	1289	1426	1534	1506
G 75.0	1676	1876	1676	1443	1239	1172	1106	1045	1130	1194
G 80.0	1305	1429	1305	1208	1115	1026	969	944	924	891
G 85.0	946	999	946	887	796	681	641	666	662	627
G 90.0	329	355	329	328	331	327	331	345	362	384