

Luminaire

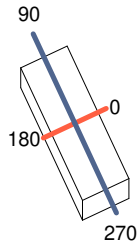
Code 90714L812
Name ROFY 60 SQ D/I L0814W286 GCONTROL+ 840 HO

Measurem.

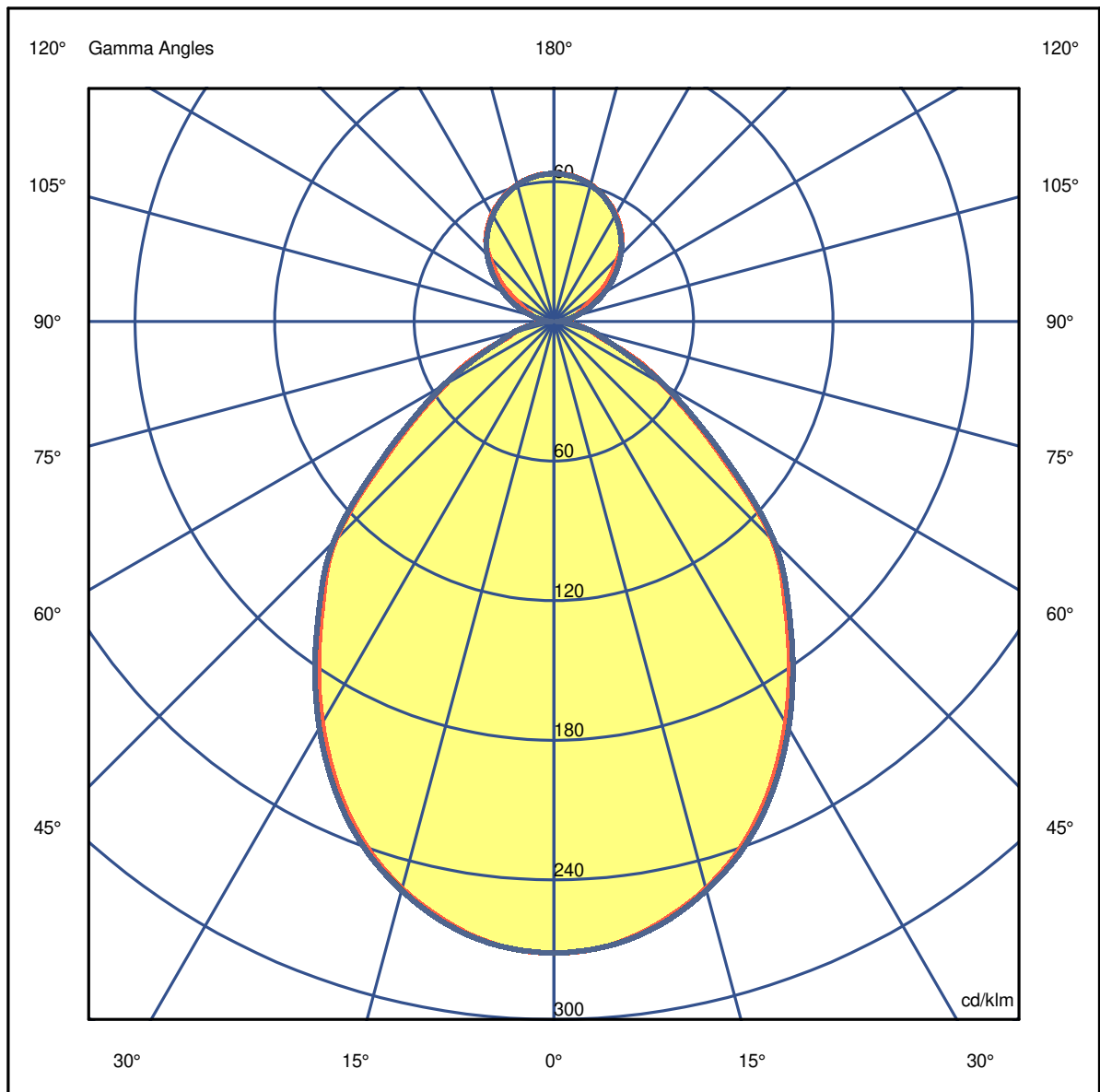
Code 8/8/2023
Name ROFY 60 SQ D/I L0814W286 GCONTROL+ 840 HO

Luminaire Flux	5927 lm	Luminaire Power	47.8 W	Efficacy	123.945 lm/W	Efficiency	70.58%
Source Flux	8398 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

814mm x 286mm



C Halfplanes



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Measurment.

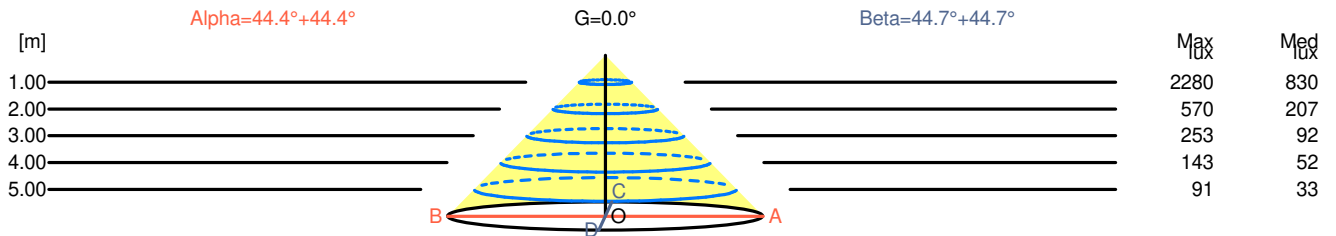
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Width at 50.00 % of Max Intensity

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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2280.06	2261.58	2118.82	1850.92	1483.09	1115.25	614.73	329.20	146.97	52.07
OB	2280.06	2261.58	2118.82	1850.92	1483.09	1115.25	614.73	329.20	146.97	52.07
OC	2280.06	2262.42	2125.53	1868.55	1503.24	1126.17	632.37	307.37	150.32	42.83
OD	2280.06	2262.42	2125.53	1868.55	1503.24	1126.17	632.37	307.37	150.32	42.83



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0
1.00	1.96	2280	830		
2.00	3.92	570	207		
3.00	5.88	253	92		
4.00	7.84	143	52		
5.00	9.80	91	33		

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0
1.00	1.98	2280	830		
2.00	3.96	570	207		
3.00	5.93	253	92		
4.00	7.91	143	52		
5.00	9.89	91	33		

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Source Flux	8398 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	15.0	15.9	15.6	16.5	17.2	15.5	16.5	16.1	17.0	17.7
x=2H y=3H	15.5	16.3	16.1	16.9	17.6	16.0	16.9	16.7	17.5	18.2
x=2H y=4H	15.6	16.4	16.3	17.0	17.8	16.3	17.0	16.9	17.7	18.4
x=2H y=6H	15.7	16.4	16.4	17.1	17.8	16.4	17.1	17.1	17.8	18.5
x=2H y=8H	15.7	16.4	16.4	17.1	17.9	16.4	17.1	17.1	17.8	18.5
x=2H y=12H	15.7	16.4	16.4	17.0	17.8	16.4	17.1	17.1	17.7	18.5
x=4H y=2H	15.0	15.8	15.7	16.4	17.2	15.5	16.3	16.2	16.9	17.7
x=4H y=3H	15.6	16.3	16.3	16.9	17.7	16.2	16.8	16.9	17.5	18.3
x=4H y=4H	15.9	16.4	16.6	17.2	18.0	16.5	17.0	17.2	17.7	18.5
x=4H y=6H	16.1	16.5	16.8	17.3	18.1	16.7	17.2	17.4	17.9	18.8
x=4H y=8H	16.1	16.6	16.9	17.3	18.2	16.8	17.2	17.5	18.0	18.8
x=4H y=12H	16.1	16.5	16.9	17.3	18.2	16.8	17.2	17.6	18.0	18.9
x=8H y=4H	15.9	16.3	16.6	17.1	17.9	16.5	16.9	17.2	17.6	18.5
x=8H y=6H	16.2	16.5	17.0	17.3	18.2	16.8	17.1	17.6	17.9	18.8
x=8H y=8H	16.3	16.6	17.1	17.4	18.3	16.9	17.2	17.7	18.0	18.9
x=8H y=12H	16.3	16.6	17.2	17.4	18.4	17.0	17.3	17.8	18.1	19.0
x=12H y=4H	15.9	16.3	16.6	17.0	17.9	16.4	16.8	17.2	17.6	18.5
x=12H y=6H	16.2	16.5	17.0	17.3	18.2	16.8	17.1	17.6	17.9	18.8
x=12H y=8H	16.3	16.6	17.1	17.4	18.3	16.9	17.2	17.7	18.0	18.9

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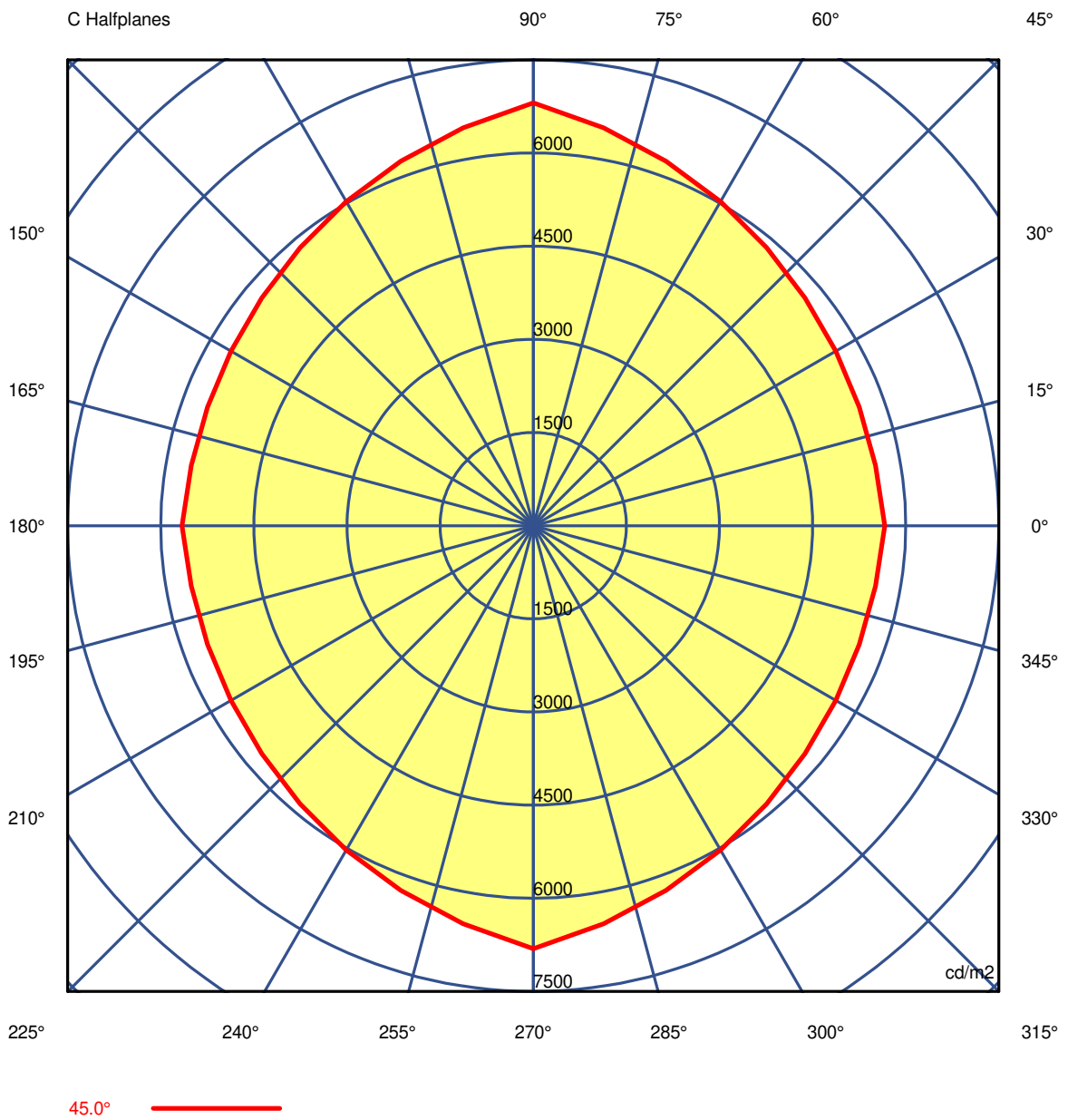
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Measurem.

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Luminaire Flux	5927 lm	Luminaire Power	47.8 W	Efficacy	123.945 lm/W	Efficiency	70.58%
Source Flux	8398 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Source Flux	8398 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	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796
G 5.0	10457	10452	10447	10447	10465	10487	10509	10542	10592	10653	10592	10542	10509
G 10.0	10030	10026	10021	10023	10058	10107	10159	10227	10319	10430	10319	10227	10159
G 15.0	9567	9535	9521	9530	9580	9647	9728	9842	9978	10128	9978	9842	9728
G 20.0	9041	8998	8976	8975	9024	9109	9223	9375	9560	9771	9560	9375	9223
G 25.0	8416	8366	8345	8356	8425	8537	8679	8854	9061	9298	9061	8854	8679
G 30.0	7721	7667	7655	7697	7798	7917	8059	8233	8451	8722	8451	8233	8059
G 35.0	7005	6960	6960	7014	7126	7263	7412	7591	7813	8083	7813	7591	7412
G 40.0	6312	6274	6278	6328	6427	6561	6725	6925	7165	7449	7165	6925	6725
G 45.0	5659	5596	5586	5626	5711	5846	6030	6248	6506	6812	6506	6248	6030
G 50.0	4480	4514	4566	4554	4439	4583	4974	5169	5382	5629	5382	5169	4974
G 55.0	3484	3756	3624	3147	2789	2772	3235	4127	4648	4528	4648	4127	3235
G 60.0	2759	2807	2502	2094	2206	2304	2390	3011	3548	3683	3548	3011	2390
G 65.0	2188	2118	1908	1603	1797	1907	1868	2275	2680	2801	2680	2275	1868
G 70.0	1430	1577	1606	1493	1350	1413	1682	1905	2050	2165	2050	1905	1682
G 75.0	1226	1251	1184	1094	1159	1227	1297	1511	1755	1965	1755	1511	1297
G 80.0	888	933	968	988	1015	1075	1168	1265	1367	1496	1367	1265	1168
G 85.0	608	657	693	697	672	713	834	929	990	1046	990	929	834
G 90.0	436	402	379	361	347	343	346	343	345	371	345	343	346

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Source Flux	8398 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	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796
G 5.0	10487	10465	10447	10447	10452	10457	10452	10447	10447	10465	10487	10509	10542
G 10.0	10107	10058	10023	10021	10026	10030	10026	10021	10023	10058	10107	10159	10227
G 15.0	9647	9580	9530	9521	9535	9567	9535	9521	9530	9580	9647	9728	9842
G 20.0	9109	9024	8975	8976	8998	9041	8998	8976	8975	9024	9109	9223	9375
G 25.0	8537	8425	8356	8345	8366	8416	8366	8345	8356	8425	8537	8679	8854
G 30.0	7917	7798	7697	7655	7667	7721	7667	7655	7697	7798	7917	8059	8233
G 35.0	7263	7126	7014	6960	6960	7005	6960	6960	7014	7126	7263	7412	7591
G 40.0	6561	6427	6328	6278	6274	6312	6274	6278	6328	6427	6561	6725	6925
G 45.0	5846	5711	5626	5586	5596	5659	5596	5586	5626	5711	5846	6030	6248
G 50.0	4583	4439	4554	4566	4514	4480	4514	4566	4554	4439	4583	4974	5169
G 55.0	2772	2789	3147	3624	3756	3484	3756	3624	3147	2789	2772	3235	4127
G 60.0	2304	2206	2094	2502	2807	2759	2807	2502	2094	2206	2304	2390	3011
G 65.0	1907	1797	1603	1908	2118	2188	2118	1908	1603	1797	1907	1868	2275
G 70.0	1413	1350	1493	1606	1577	1430	1577	1606	1493	1350	1413	1682	1905
G 75.0	1227	1159	1094	1184	1251	1226	1251	1184	1094	1159	1227	1297	1511
G 80.0	1075	1015	988	968	933	888	933	968	988	1015	1075	1168	1265
G 85.0	713	672	697	693	657	608	657	693	697	672	713	834	929
G 90.0	343	347	361	379	402	436	402	379	361	347	343	346	343

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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	10796	10796	10796	10796	10796	10796	10796	10796	10796	10796
G 5.0	10592	10653	10592	10542	10509	10487	10465	10447	10447	10452
G 10.0	10319	10430	10319	10227	10159	10107	10058	10023	10021	10026
G 15.0	9978	10128	9978	9842	9728	9647	9580	9530	9521	9535
G 20.0	9560	9771	9560	9375	9223	9109	9024	8975	8976	8998
G 25.0	9061	9298	9061	8854	8679	8537	8425	8356	8345	8366
G 30.0	8451	8722	8451	8233	8059	7917	7798	7697	7655	7667
G 35.0	7813	8083	7813	7591	7412	7263	7126	7014	6960	6960
G 40.0	7165	7449	7165	6925	6725	6561	6427	6328	6278	6274
G 45.0	6506	6812	6506	6248	6030	5846	5711	5626	5586	5596
G 50.0	5382	5629	5382	5169	4974	4583	4439	4554	4566	4514
G 55.0	4648	4528	4648	4127	3235	2772	2789	3147	3624	3756
G 60.0	3548	3683	3548	3011	2390	2304	2206	2094	2502	2807
G 65.0	2680	2801	2680	2275	1868	1907	1797	1603	1908	2118
G 70.0	2050	2165	2050	1905	1682	1413	1350	1493	1606	1577
G 75.0	1755	1965	1755	1511	1297	1227	1159	1094	1184	1251
G 80.0	1367	1496	1367	1265	1168	1075	1015	988	968	933
G 85.0	990	1046	990	929	834	713	672	697	693	657
G 90.0	345	371	345	343	346	343	347	361	379	402