

Luminaire

Code 90714L552

Name ROFY 60 SQ D/I L0550W286 GCONTROL+ 840 HO

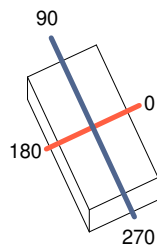
Measurem.

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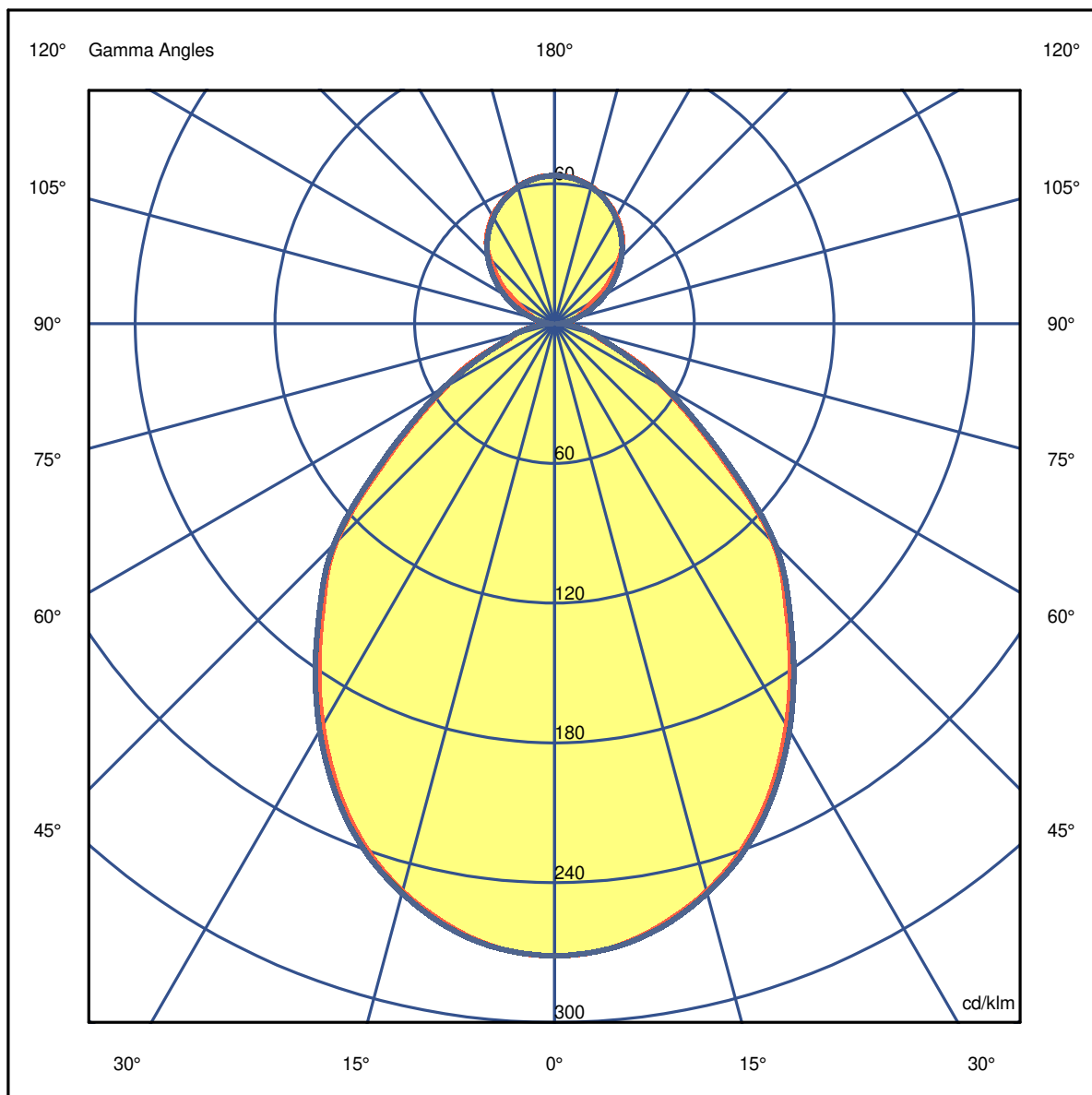
Luminaire Flux	3944 lm	Luminaire Power	33.1 W	Efficacy	119.258 lm/W	Efficiency	70.58%
Source Flux	5588 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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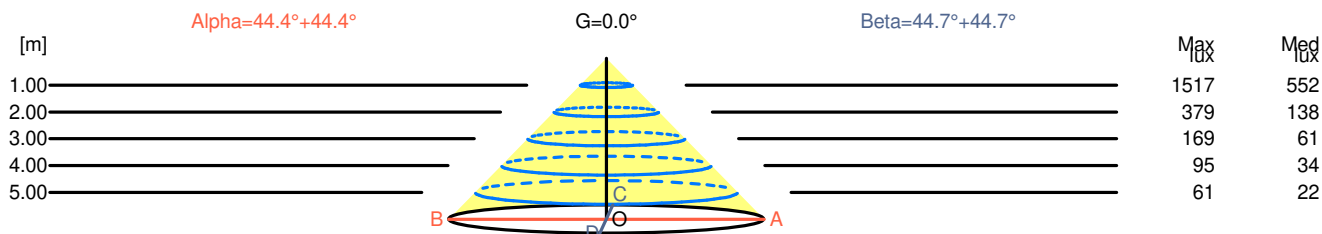
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Luminaire Flux	3944 lm	Luminaire Power	33.1 W	Efficacy	119.258 lm/W	Efficiency	70.58%
Source Flux	5588 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1517.14	1504.85	1409.85	1231.60	986.84	742.09	409.04	219.05	97.79	34.65
OB	1517.14	1504.85	1409.85	1231.60	986.84	742.09	409.04	219.05	97.79	34.65
OC	1517.14	1505.41	1414.32	1243.33	1000.25	749.35	420.78	204.52	100.03	28.50
OD	1517.14	1505.41	1414.32	1243.33	1000.25	749.35	420.78	204.52	100.03	28.50



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	1517	552			
2.00	3.92	379	138			
3.00	5.88	169	61			
4.00	7.84	95	34			
5.00	9.80	61	22			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	1517	552			
2.00	3.96	379	138			
3.00	5.93	169	61			
4.00	7.91	95	34			
5.00	9.89	61	22			

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Luminaire Flux	3944 lm	Luminaire Power	33.1 W	Efficacy	119.258 lm/W	Efficiency	70.58%
Source Flux	5588 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	14.9	15.9	15.6	16.4	17.1	15.3	16.3	16.0	16.8	17.5
x=2H y=3H	15.4	16.2	16.1	16.9	17.6	15.8	16.7	16.5	17.3	18.0
x=2H y=4H	15.6	16.3	16.2	17.0	17.7	16.0	16.8	16.7	17.4	18.2
x=2H y=6H	15.7	16.4	16.3	17.0	17.8	16.2	16.9	16.8	17.5	18.3
x=2H y=8H	15.7	16.4	16.4	17.0	17.8	16.2	16.8	16.9	17.5	18.3
x=2H y=12H	15.7	16.3	16.4	17.0	17.8	16.2	16.8	16.9	17.5	18.3
x=4H y=2H	15.0	15.7	15.6	16.4	17.1	15.3	16.1	16.0	16.7	17.5
x=4H y=3H	15.6	16.2	16.3	16.9	17.7	16.0	16.6	16.7	17.3	18.0
x=4H y=4H	15.8	16.4	16.5	17.1	17.9	16.2	16.8	17.0	17.5	18.3
x=4H y=6H	16.0	16.5	16.7	17.2	18.1	16.5	16.9	17.2	17.7	18.5
x=4H y=8H	16.1	16.5	16.8	17.2	18.1	16.5	17.0	17.3	17.7	18.6
x=4H y=12H	16.1	16.5	16.8	17.2	18.1	16.6	16.9	17.3	17.7	18.6
x=8H y=4H	15.8	16.2	16.6	17.0	17.9	16.2	16.7	17.0	17.4	18.3
x=8H y=6H	16.1	16.4	16.9	17.2	18.1	16.5	16.9	17.3	17.7	18.6
x=8H y=8H	16.2	16.5	17.0	17.3	18.2	16.6	17.0	17.4	17.7	18.7
x=8H y=12H	16.3	16.5	17.1	17.3	18.3	16.7	17.0	17.5	17.8	18.7
x=12H y=4H	15.8	16.2	16.6	16.9	17.8	16.2	16.6	17.0	17.3	18.2
x=12H y=6H	16.1	16.4	16.9	17.2	18.1	16.5	16.8	17.3	17.6	18.5
x=12H y=8H	16.2	16.5	17.0	17.3	18.2	16.6	16.9	17.5	17.7	18.7

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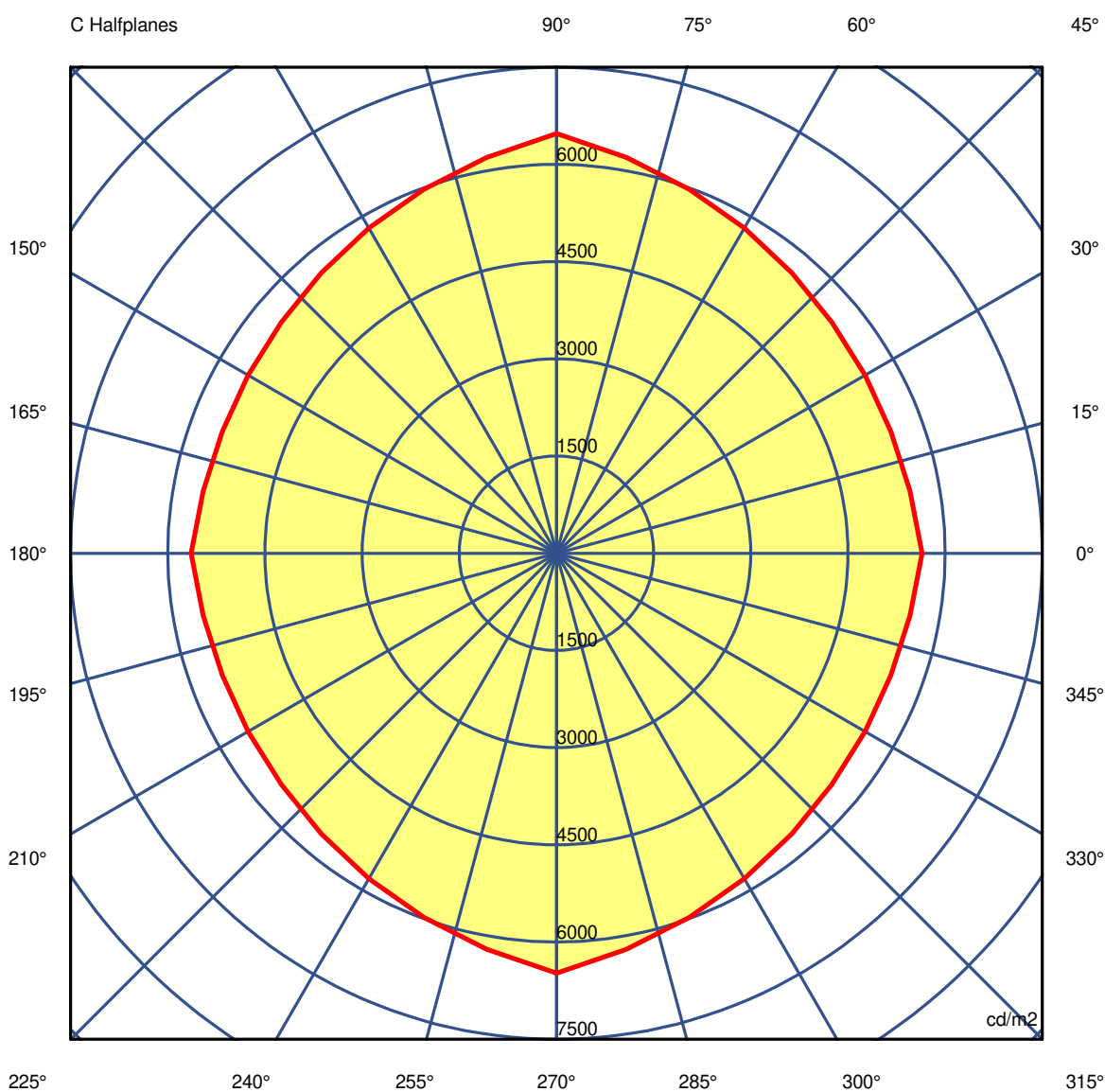
Measurem.

Code 8/8/2023

Name ROFY 60 SQ D/I L0550W286 GCONTROL+ 840 HO

Luminaire Flux	3944 lm	Luminaire Power	33.1 W	Efficacy	119.258 lm/W	Efficiency	70.58%
Source Flux	5588 lm	Maximum value	271.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measur.

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Luminaire Flux	3944 lm		Luminaire Power		33.1 W		Efficacy		119.258 lm/W		Efficiency		70.58%	
Source Flux	5588 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	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761	
G 5.0	10424	10410	10398	10391	10402	10417	10434	10464	10510	10571	10510	10464	10434	
G 10.0	9998	9979	9959	9947	9970	10006	10048	10109	10194	10302	10194	10109	10048	
G 15.0	9537	9483	9449	9438	9469	9520	9586	9688	9815	9958	9815	9688	9586	
G 20.0	9012	8942	8895	8870	8896	8959	9055	9190	9360	9561	9360	9190	9055	
G 25.0	8389	8309	8258	8241	8283	8369	8488	8642	8832	9054	8832	8642	8488	
G 30.0	7697	7608	7564	7575	7645	7735	7850	8000	8197	8449	8197	8000	7850	
G 35.0	6983	6902	6867	6887	6966	7072	7191	7342	7539	7787	7539	7342	7191	
G 40.0	6292	6216	6184	6200	6264	6365	6496	6664	6876	7133	6876	6664	6496	
G 45.0	5641	5540	5493	5498	5548	5648	5797	5981	6205	6478	6205	5981	5797	
G 50.0	4466	4464	4482	4439	4297	4408	4757	4918	5097	5312	5097	4918	4757	
G 55.0	3473	3711	3550	3058	2689	2653	3076	3899	4367	4234	4367	3899	3076	
G 60.0	2751	2770	2446	2028	2117	2193	2257	2822	3302	3406	3302	2822	2257	
G 65.0	2182	2087	1860	1546	1716	1803	1749	2111	2465	2554	2465	2111	1749	
G 70.0	1426	1552	1560	1434	1281	1325	1560	1746	1858	1939	1858	1746	1560	
G 75.0	1222	1228	1145	1044	1091	1139	1188	1363	1559	1715	1559	1363	1188	
G 80.0	885	913	931	936	946	984	1051	1116	1179	1255	1179	1116	1051	
G 85.0	606	641	663	654	617	641	732	793	815	819	815	793	732	
G 90.0	434	390	359	333	311	299	292	276	259	247	259	276	292	

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Measurement.

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Luminaire Flux	3944 lm		Luminaire Power		33.1 W		Efficacy		119.258 lm/W		Efficiency		70.58%	
Source Flux	5588 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	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761	
G 5.0	10417	10402	10391	10398	10410	10424	10410	10398	10391	10402	10417	10434	10464	
G 10.0	10006	9970	9947	9959	9979	9998	9979	9959	9947	9970	10006	10048	10109	
G 15.0	9520	9469	9438	9449	9483	9537	9483	9449	9438	9469	9520	9586	9688	
G 20.0	8959	8896	8870	8895	8942	9012	8942	8895	8870	8896	8959	9055	9190	
G 25.0	8369	8283	8241	8258	8309	8389	8309	8258	8241	8283	8369	8488	8642	
G 30.0	7735	7645	7575	7564	7608	7697	7608	7564	7575	7645	7735	7850	8000	
G 35.0	7072	6966	6887	6867	6902	6983	6902	6867	6887	6966	7072	7191	7342	
G 40.0	6365	6264	6200	6184	6216	6292	6216	6184	6200	6264	6365	6496	6664	
G 45.0	5648	5548	5498	5493	5540	5641	5540	5493	5498	5548	5648	5797	5981	
G 50.0	4408	4297	4439	4482	4464	4466	4464	4482	4439	4297	4408	4757	4918	
G 55.0	2653	2689	3058	3550	3711	3473	3711	3550	3058	2689	2653	3076	3899	
G 60.0	2193	2117	2028	2446	2770	2751	2770	2446	2028	2117	2193	2257	2822	
G 65.0	1803	1716	1546	1860	2087	2182	2087	1860	1546	1716	1803	1749	2111	
G 70.0	1325	1281	1434	1560	1552	1426	1552	1560	1434	1281	1325	1560	1746	
G 75.0	1139	1091	1044	1145	1228	1222	1228	1145	1044	1091	1139	1188	1363	
G 80.0	984	946	936	931	913	885	913	931	936	946	984	1051	1116	
G 85.0	641	617	654	663	641	606	641	663	654	617	641	732	793	
G 90.0	299	311	333	359	390	434	390	359	333	311	299	292	276	

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Source Flux	5588 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	10761	10761	10761	10761	10761	10761	10761	10761	10761	10761
G 5.0	10510	10571	10510	10464	10434	10417	10402	10391	10398	10410
G 10.0	10194	10302	10194	10109	10048	10006	9970	9947	9959	9979
G 15.0	9815	9958	9815	9688	9586	9520	9469	9438	9449	9483
G 20.0	9360	9561	9360	9190	9055	8959	8896	8870	8895	8942
G 25.0	8832	9054	8832	8642	8488	8369	8283	8241	8258	8309
G 30.0	8197	8449	8197	8000	7850	7735	7645	7575	7564	7608
G 35.0	7539	7787	7539	7342	7191	7072	6966	6887	6867	6902
G 40.0	6876	7133	6876	6664	6496	6365	6264	6200	6184	6216
G 45.0	6205	6478	6205	5981	5797	5648	5548	5498	5493	5540
G 50.0	5097	5312	5097	4918	4757	4408	4297	4439	4482	4464
G 55.0	4367	4234	4367	3899	3076	2653	2689	3058	3550	3711
G 60.0	3302	3406	3302	2822	2257	2193	2117	2028	2446	2770
G 65.0	2465	2554	2465	2111	1749	1803	1716	1546	1860	2087
G 70.0	1858	1939	1858	1746	1560	1325	1281	1434	1560	1552
G 75.0	1559	1715	1559	1363	1188	1139	1091	1044	1145	1228
G 80.0	1179	1255	1179	1116	1051	984	946	936	931	913
G 85.0	815	819	815	793	732	641	617	654	663	641
G 90.0	259	247	259	276	292	299	311	333	359	390