

Luminaire

Code 90715L286

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Measurem.

Code 9/8/2023

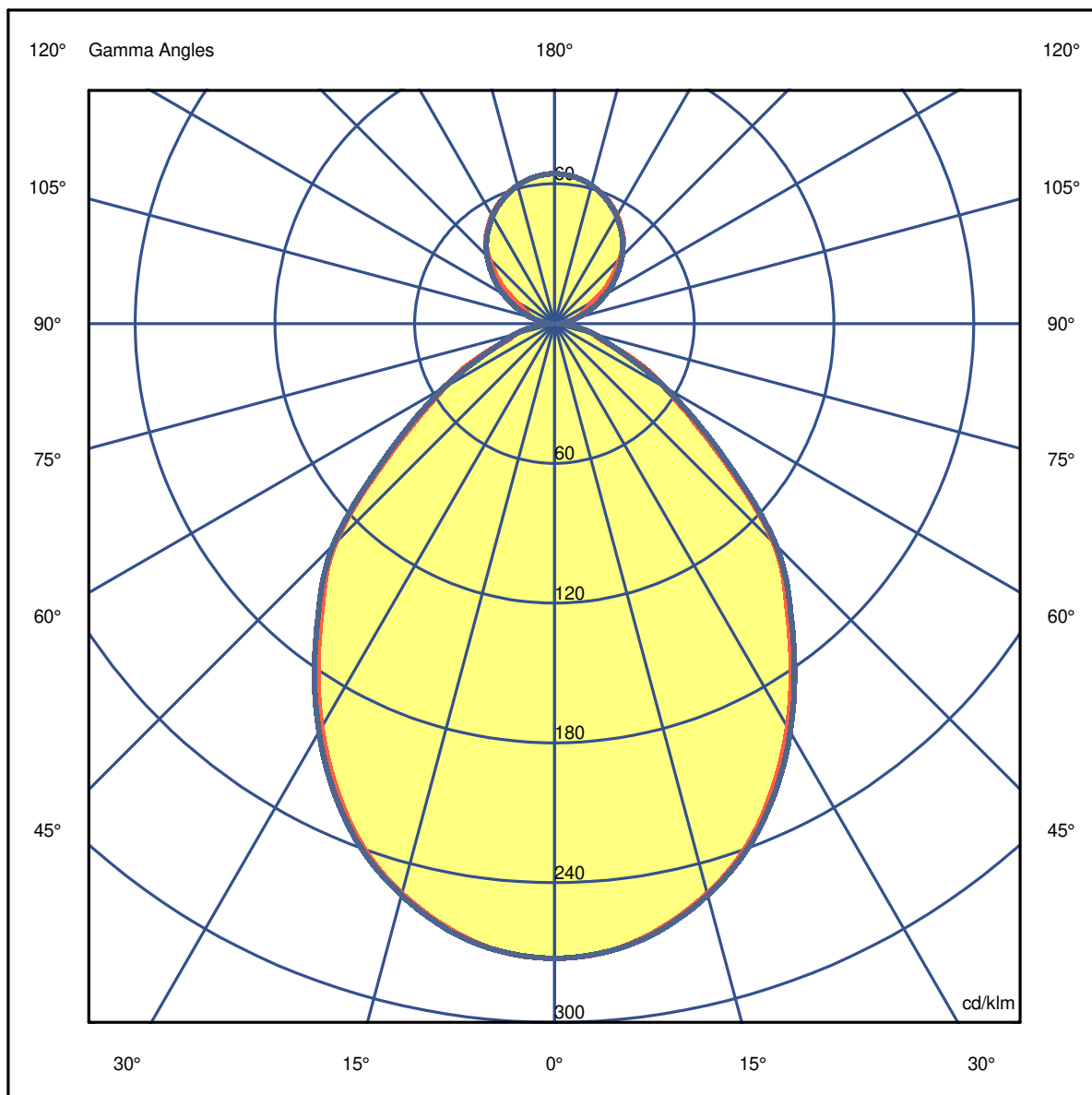
Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Luminaire Flux	1805 lm	Luminaire Power	14.8 W	Efficacy	121.550 lm/W	Efficiency	70.98%
Source Flux	2543 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

286mm x 286mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

Code 90715L286

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Measurem.

Code 9/8/2023

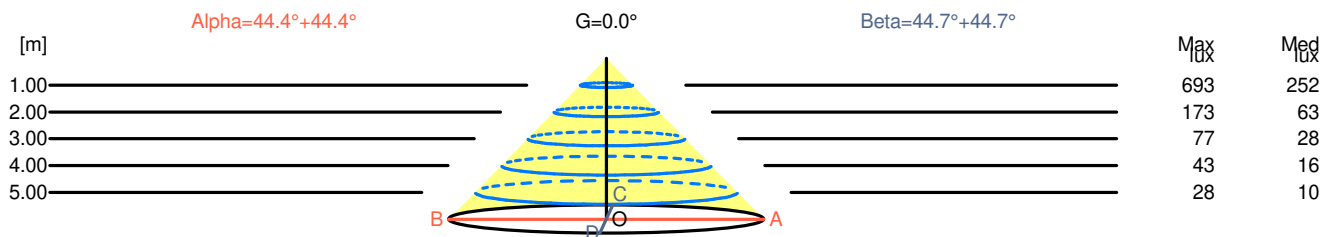
Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Luminaire Flux	1805 lm	Luminaire Power	14.8 W	Efficacy	121.550 lm/W	Efficiency	70.98%
Source Flux	2543 lm	Maximum value	272.60 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	3.95	4.94
OB	0.98	1.96	2.94	3.92	4.90	OD	0.99	1.98	2.97	3.95	4.94

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	693.22	687.63	644.14	562.26	450.62	338.73	185.89	99.69	44.50	15.51
OB	693.22	687.63	644.14	562.26	450.62	338.73	185.89	99.69	44.50	15.51
OC	693.22	687.63	645.92	567.60	456.98	342.29	192.51	92.82	45.77	12.97
OD	693.22	687.63	645.92	567.60	456.98	342.29	192.51	92.82	45.77	12.97



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	693	252			
2.00	3.92	173	63			
3.00	5.88	77	28			
4.00	7.83	43	16			
5.00	9.79	28	10			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	693	252			
2.00	3.95	173	63			
3.00	5.93	77	28			
4.00	7.91	43	16			
5.00	9.89	28	10			

Luminaire

Code 90715L286

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Measurem.

Code 9/8/2023

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Luminaire Flux	1805 lm	Luminaire Power	14.8 W	Efficacy	121.550 lm/W	Efficiency	70.98%
Source Flux	2543 lm	Maximum value	272.60 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	14.4	15.4	15.1	15.9	16.6	14.6	15.5	15.2	16.1	16.7
x=2H y=3H	14.9	15.8	15.6	16.4	17.1	15.0	15.8	15.6	16.4	17.2
x=2H y=4H	15.1	15.9	15.7	16.5	17.2	15.2	15.9	15.8	16.6	17.3
x=2H y=6H	15.2	15.9	15.9	16.5	17.3	15.2	15.9	15.9	16.6	17.4
x=2H y=8H	15.2	15.9	15.9	16.5	17.3	15.2	15.9	15.9	16.6	17.4
x=2H y=12H	15.2	15.8	15.9	16.5	17.3	15.2	15.9	15.9	16.5	17.3
x=4H y=2H	14.5	15.2	15.1	15.9	16.6	14.6	15.3	15.2	16.0	16.7
x=4H y=3H	15.1	15.7	15.8	16.4	17.2	15.1	15.8	15.8	16.4	17.2
x=4H y=4H	15.3	15.9	16.0	16.5	17.4	15.4	15.9	16.1	16.6	17.4
x=4H y=6H	15.5	16.0	16.2	16.7	17.5	15.5	16.0	16.3	16.7	17.6
x=4H y=8H	15.5	16.0	16.3	16.7	17.6	15.6	16.0	16.3	16.7	17.6
x=4H y=12H	15.6	15.9	16.3	16.7	17.6	15.6	16.0	16.4	16.7	17.6
x=8H y=4H	15.3	15.7	16.0	16.4	17.3	15.3	15.8	16.1	16.5	17.4
x=8H y=6H	15.5	15.9	16.3	16.7	17.6	15.6	15.9	16.4	16.7	17.6
x=8H y=8H	15.6	16.0	16.4	16.7	17.7	15.7	16.0	16.5	16.8	17.7
x=8H y=12H	15.7	16.0	16.5	16.8	17.7	15.7	16.0	16.5	16.8	17.7
x=12H y=4H	15.2	15.6	16.0	16.4	17.3	15.3	15.7	16.1	16.4	17.3
x=12H y=6H	15.5	15.8	16.3	16.6	17.5	15.6	15.9	16.4	16.7	17.6
x=12H y=8H	15.6	15.9	16.4	16.7	17.7	15.7	15.9	16.5	16.7	17.7

Luminaire

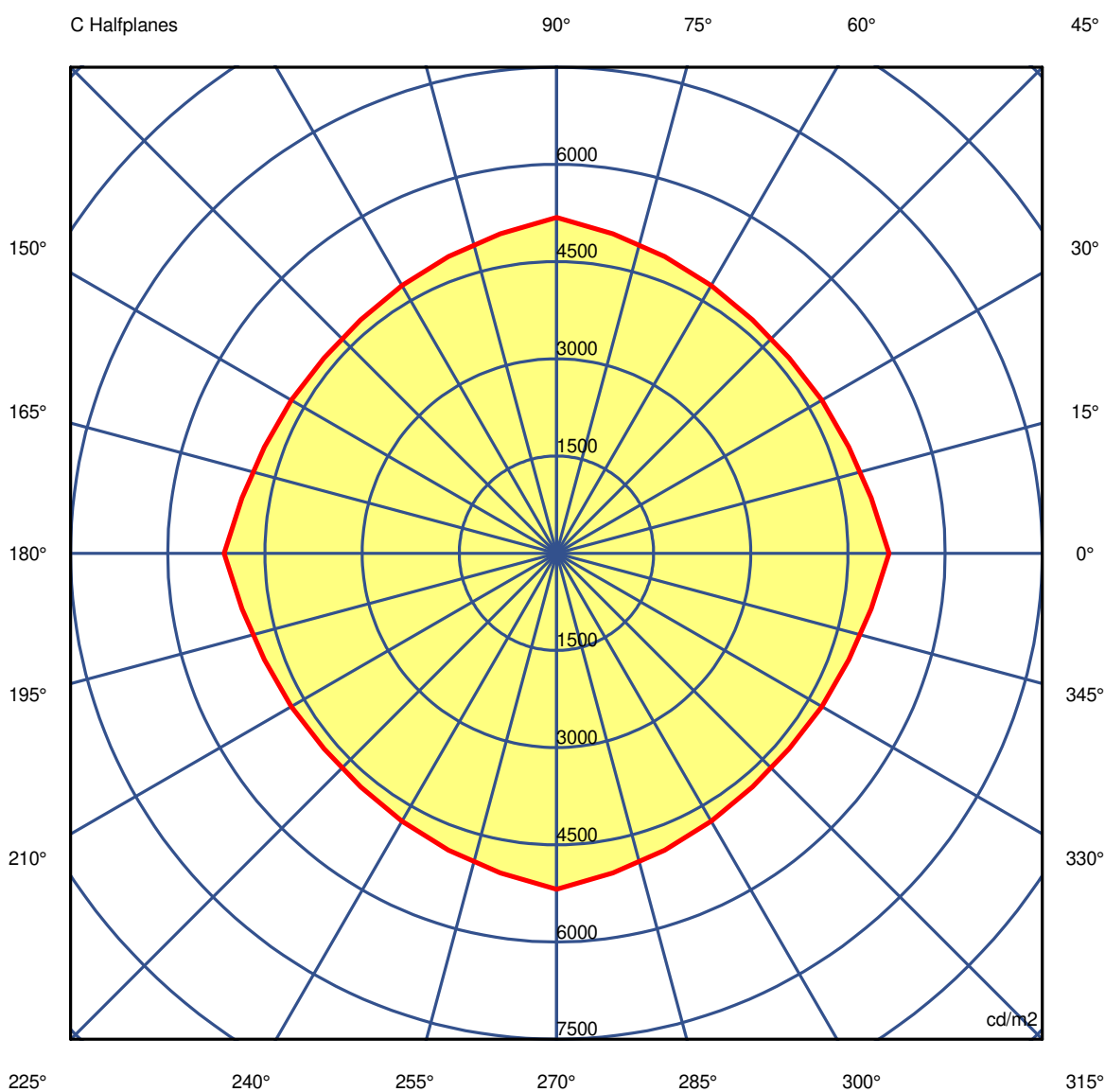
Code 90715L286
Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Measurem.

Code 9/8/2023
Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Luminaire Flux	1805 lm	Luminaire Power	14.8 W	Efficacy	121.550 lm/W	Efficiency	70.98%
Source Flux	2543 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90715L286

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Measurement

Code 9/8/2023

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Luminaire Flux	1805 lm		Luminaire Power		14.8 W		Efficacy		121.550 lm/W		Efficiency		70.98%	
Source Flux	2543 lm		Maximum value		272.60 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	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797	
G 5.0	9490	9446	9416	9397	9381	9380	9397	9421	9452	9490	9452	9421	9397	
G 10.0	9103	9029	8974	8936	8912	8916	8946	8989	9048	9128	9048	8989	8946	
G 15.0	8682	8566	8484	8431	8401	8406	8451	8518	8602	8706	8602	8518	8451	
G 20.0	8209	8059	7947	7871	7832	7842	7901	7990	8105	8247	8105	7990	7901	
G 25.0	7631	7472	7356	7282	7246	7254	7315	7414	7543	7703	7543	7414	7315	
G 30.0	7007	6797	6684	6653	6639	6654	6706	6788	6914	7091	6914	6788	6706	
G 35.0	6353	6179	6071	6018	5993	6012	6069	6141	6264	6443	6264	6141	6069	
G 40.0	5727	5552	5432	5364	5343	5362	5415	5501	5630	5812	5630	5501	5415	
G 45.0	5131	4929	4799	4727	4688	4703	4773	4873	5007	5185	5007	4873	4773	
G 50.0	4061	3967	3899	3788	3604	3640	3873	3981	4044	4159	4044	3981	3873	
G 55.0	3145	3284	3069	2586	2246	2204	2517	3090	3385	3257	3385	3090	2517	
G 60.0	2503	2369	2098	1695	1731	1762	1789	2185	2503	2540	2503	2185	1789	
G 65.0	1978	1833	1587	1283	1382	1420	1353	1595	1818	1842	1818	1595	1353	
G 70.0	1293	1354	1315	1171	1016	1021	1171	1281	1329	1349	1329	1281	1171	
G 75.0	1108	1070	961	845	853	863	871	969	1072	1140	1072	969	871	
G 80.0	802	787	765	738	722	722	738	758	769	773	769	758	738	
G 85.0	541	545	533	496	451	447	482	505	494	452	494	505	482	
G 90.0	405	337	291	255	227	203	181	158	138	124	138	158	181	

Luminaire

Code 90715L286

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Measurement

Code 9/8/2023

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Luminaire Flux	1805 lm		Luminaire Power		14.8 W		Efficacy		121.550 lm/W		Efficiency		70.98%	
Source Flux	2543 lm		Maximum value		272.60 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	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797	
G 5.0	9380	9381	9397	9416	9446	9490	9446	9416	9397	9381	9380	9397	9421	
G 10.0	8916	8912	8936	8974	9029	9103	9029	8974	8936	8912	8916	8946	8989	
G 15.0	8406	8401	8431	8484	8566	8682	8566	8484	8431	8401	8406	8451	8518	
G 20.0	7842	7832	7871	7947	8059	8209	8059	7947	7871	7832	7842	7901	7990	
G 25.0	7254	7246	7282	7356	7472	7631	7472	7356	7282	7246	7254	7315	7414	
G 30.0	6654	6639	6653	6684	6797	7007	6797	6684	6653	6639	6654	6706	6788	
G 35.0	6012	5993	6018	6071	6179	6353	6179	6071	6018	5993	6012	6069	6141	
G 40.0	5362	5343	5364	5432	5552	5727	5552	5432	5364	5343	5362	5415	5501	
G 45.0	4703	4688	4727	4799	4929	5131	4929	4799	4727	4688	4703	4773	4873	
G 50.0	3640	3604	3788	3899	3967	4061	3967	3899	3788	3604	3640	3873	3981	
G 55.0	2204	2246	2586	3069	3284	3145	3284	3069	2586	2246	2204	2517	3090	
G 60.0	1762	1731	1695	2098	2369	2503	2369	2098	1695	1731	1762	1789	2185	
G 65.0	1420	1382	1283	1587	1833	1978	1833	1587	1283	1382	1420	1353	1595	
G 70.0	1021	1016	1171	1315	1354	1293	1354	1315	1171	1016	1021	1171	1281	
G 75.0	863	853	845	961	1070	1108	1070	961	845	853	863	871	969	
G 80.0	722	722	738	765	787	802	787	765	738	722	722	738	758	
G 85.0	447	451	496	533	545	541	545	533	496	451	447	482	505	
G 90.0	203	227	255	291	337	405	337	291	255	227	203	181	158	

Luminaire

Code 90715L286

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Measurem.

Code 9/8/2023

Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 840 LO

Luminaire Flux	1805 lm	Luminaire Power	14.8 W	Efficacy	121.550 lm/W	Efficiency	70.98%
Source Flux	2543 lm	Maximum value	272.60 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	9797	9797	9797	9797	9797	9797	9797	9797	9797	9797
G 5.0	9452	9490	9452	9421	9397	9380	9381	9397	9416	9446
G 10.0	9048	9128	9048	8989	8946	8916	8912	8936	8974	9029
G 15.0	8602	8706	8602	8518	8451	8406	8401	8431	8484	8566
G 20.0	8105	8247	8105	7990	7901	7842	7832	7871	7947	8059
G 25.0	7543	7703	7543	7414	7315	7254	7246	7282	7356	7472
G 30.0	6914	7091	6914	6788	6706	6654	6639	6653	6684	6797
G 35.0	6264	6443	6264	6141	6069	6012	5993	6018	6071	6179
G 40.0	5630	5812	5630	5501	5415	5362	5343	5364	5432	5552
G 45.0	5007	5185	5007	4873	4773	4703	4688	4727	4799	4929
G 50.0	4044	4159	4044	3981	3873	3640	3604	3788	3899	3967
G 55.0	3385	3257	3385	3090	2517	2204	2246	2586	3069	3284
G 60.0	2503	2540	2503	2185	1789	1762	1731	1695	2098	2369
G 65.0	1818	1842	1818	1595	1353	1420	1382	1283	1587	1833
G 70.0	1329	1349	1329	1281	1171	1021	1016	1171	1315	1354
G 75.0	1072	1140	1072	969	871	863	853	845	961	1070
G 80.0	769	773	769	758	738	722	722	738	765	787
G 85.0	494	452	494	505	482	447	451	496	533	545
G 90.0	138	124	138	158	181	203	227	255	291	337