

Luminaire

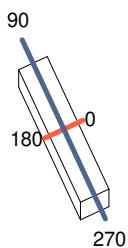
Code 90715L132
Name ROFY 60 SQ D/I L1342W286 GCONTROL+ 840 LO

Measurem.

Code 9/8/2023
Name ROFY 60 SQ D/I L1342W286 GCONTROL+ 840 LO

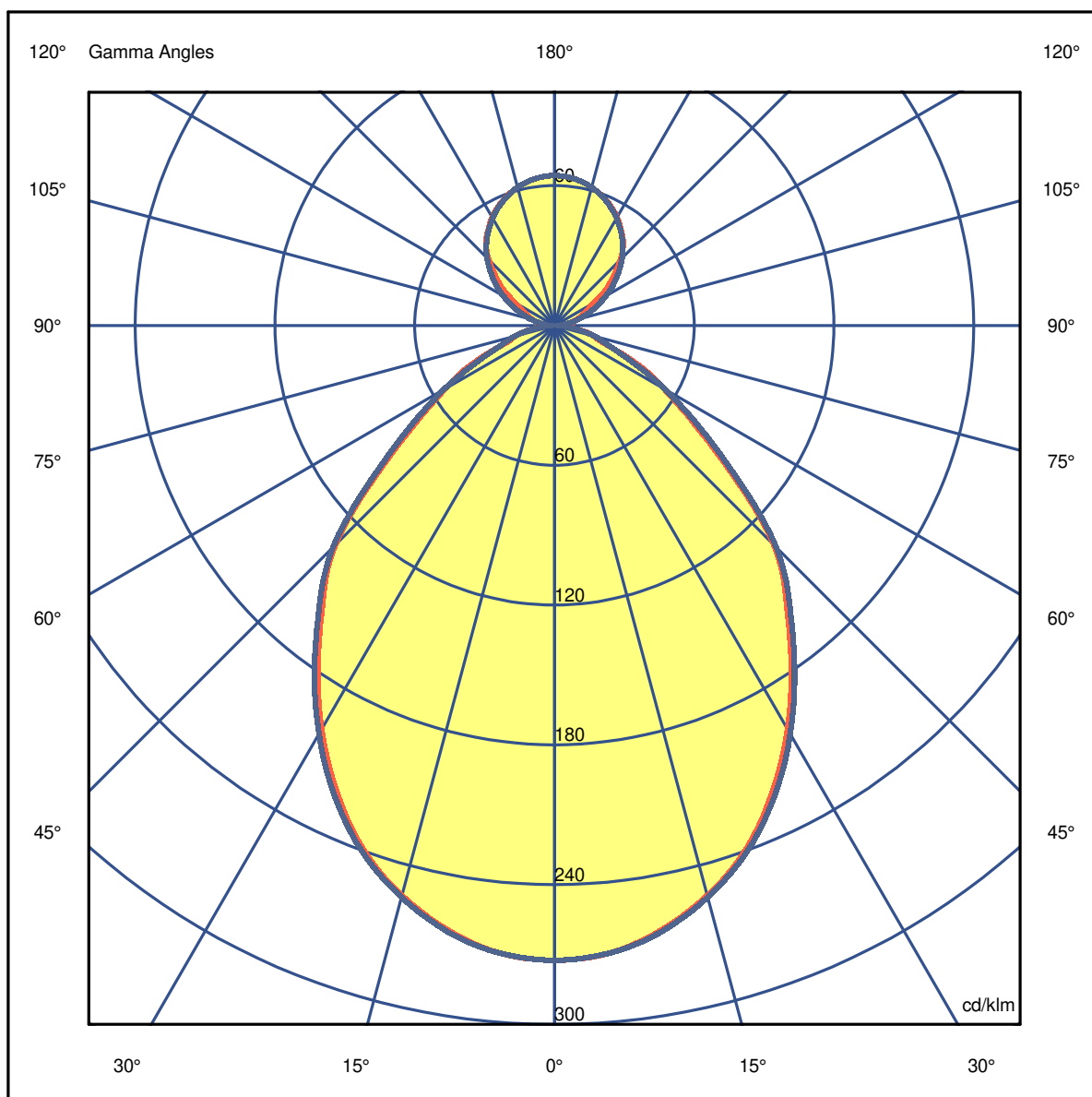
Luminaire Flux	7182 lm	Luminaire Power	54.7 W	Efficacy	131.307 lm/W	Efficiency	70.98%
Source Flux	10119 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1342mm x 286mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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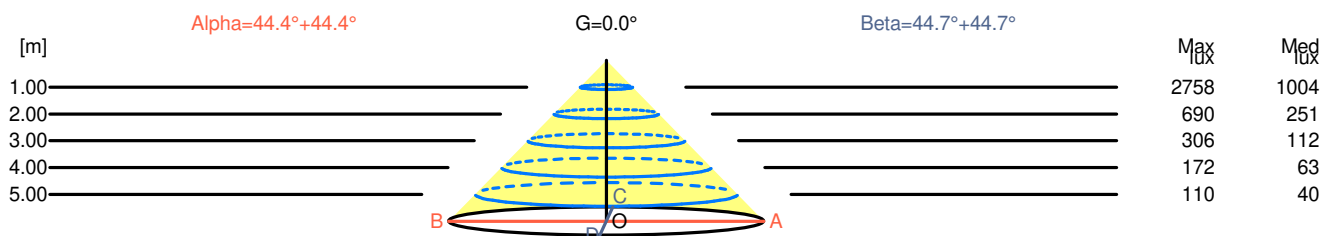
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Source Flux	10119 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

	0	5	15	25	35	45	55	65	75	85
OA	2758.44	2736.18	2563.14	2237.31	1793.09	1347.85	739.70	396.66	177.08	61.73
OB	2758.44	2736.18	2563.14	2237.31	1793.09	1347.85	739.70	396.66	177.08	61.73
OC	2758.44	2736.18	2570.23	2258.56	1818.38	1362.02	766.01	369.34	182.14	51.61
OD	2758.44	2736.18	2570.23	2258.56	1818.38	1362.02	766.01	369.34	182.14	51.61



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	2758	1004			
2.00	3.92	690	251			
3.00	5.88	306	112			
4.00	7.83	172	63			
5.00	9.79	110	40			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	2758	1004			
2.00	3.95	690	251			
3.00	5.93	306	112			
4.00	7.91	172	63			
5.00	9.89	110	40			

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Source Flux	10119 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	13.9	14.8	14.5	15.4	16.1	14.6	15.5	15.2	16.1	16.7
x=2H y=3H	14.4	15.2	15.0	15.8	16.5	15.1	15.9	15.8	16.6	17.3
x=2H y=4H	14.6	15.3	15.2	16.0	16.7	15.3	16.1	16.0	16.7	17.5
x=2H y=6H	14.6	15.3	15.3	16.0	16.7	15.5	16.2	16.2	16.8	17.6
x=2H y=8H	14.6	15.3	15.3	16.0	16.8	15.5	16.2	16.2	16.9	17.6
x=2H y=12H	14.6	15.3	15.3	15.9	16.7	15.6	16.2	16.3	16.9	17.6
x=4H y=2H	14.0	14.7	14.6	15.4	16.1	14.6	15.3	15.2	16.0	16.7
x=4H y=3H	14.6	15.2	15.3	15.9	16.7	15.2	15.9	15.9	16.5	17.3
x=4H y=4H	14.8	15.4	15.5	16.1	16.9	15.5	16.1	16.3	16.8	17.6
x=4H y=6H	15.0	15.5	15.7	16.2	17.0	15.8	16.3	16.6	17.0	17.9
x=4H y=8H	15.0	15.5	15.8	16.2	17.1	15.9	16.3	16.7	17.1	17.9
x=4H y=12H	15.1	15.5	15.8	16.2	17.1	16.0	16.4	16.7	17.1	18.0
x=8H y=4H	14.8	15.3	15.6	16.0	16.9	15.5	16.0	16.3	16.7	17.6
x=8H y=6H	15.1	15.4	15.9	16.2	17.1	15.9	16.2	16.7	17.0	17.9
x=8H y=8H	15.2	15.5	16.0	16.3	17.2	16.0	16.4	16.8	17.1	18.1
x=8H y=12H	15.3	15.6	16.1	16.3	17.3	16.2	16.4	17.0	17.2	18.2
x=12H y=4H	14.8	15.2	15.6	15.9	16.8	15.5	15.9	16.3	16.6	17.5
x=12H y=6H	15.1	15.4	15.9	16.2	17.1	15.9	16.2	16.7	17.0	17.9
x=12H y=8H	15.2	15.5	16.0	16.3	17.2	16.0	16.3	16.8	17.1	18.1

Luminaire

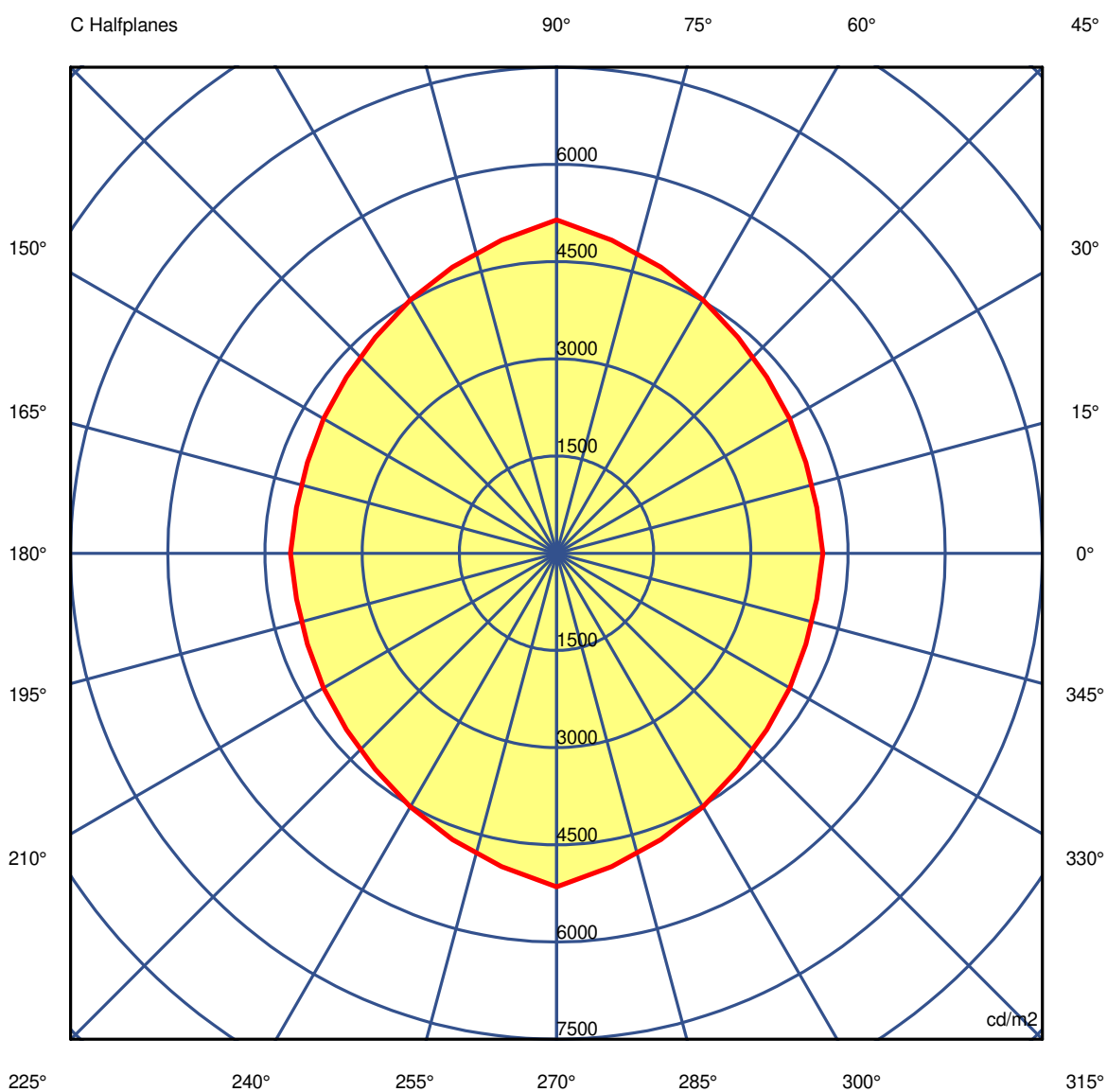
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Luminaire Flux	7182 lm	Luminaire Power	54.7 W	Efficacy	131.307 lm/W	Efficiency	70.98%
Source Flux	10119 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux	7182 lm	Luminaire Power		54.7 W		Efficacy		131.307 lm/W		Efficiency		70.98%	
Source Flux	10119 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	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844
G 5.0	7598	7591	7595	7605	7616	7636	7666	7699	7733	7767	7733	7699	7666
G 10.0	7289	7283	7290	7307	7332	7374	7432	7492	7559	7633	7559	7492	7432
G 15.0	6951	6933	6939	6964	7001	7060	7145	7239	7336	7439	7336	7239	7145
G 20.0	6573	6546	6543	6565	6610	6688	6798	6924	7059	7202	7059	6924	6798
G 25.0	6110	6089	6098	6133	6193	6281	6405	6551	6710	6880	6710	6551	6405
G 30.0	5610	5559	5579	5659	5748	5852	5978	6120	6288	6484	6288	6120	5978
G 35.0	5087	5072	5103	5173	5258	5373	5513	5655	5830	6041	5830	5655	5513
G 40.0	4585	4575	4600	4660	4752	4873	5017	5180	5373	5599	5373	5180	5017
G 45.0	4108	4079	4096	4154	4233	4353	4517	4702	4910	5147	4910	4702	4517
G 50.0	3252	3297	3356	3370	3306	3435	3751	3945	4088	4270	4088	3945	3751
G 55.0	2518	2743	2667	2332	2097	2126	2501	3156	3542	3478	3542	3156	2501
G 60.0	2004	1990	1843	1552	1650	1743	1832	2311	2728	2843	2728	2311	1832
G 65.0	1584	1550	1411	1196	1348	1445	1434	1759	2081	2184	2081	1759	1434
G 70.0	1035	1154	1187	1115	1018	1076	1295	1486	1618	1723	1618	1486	1295
G 75.0	887	920	883	826	885	949	1017	1201	1416	1614	1416	1201	1017
G 80.0	642	685	720	747	783	841	925	1027	1139	1275	1139	1027	925
G 85.0	433	483	517	525	520	563	667	782	878	971	878	782	667
G 90.0	324	307	296	289	286	288	294	305	344	492	344	305	294

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Source Flux	10119 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	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844	
G 5.0	7636	7616	7605	7595	7591	7598	7591	7595	7605	7616	7636	7666	7699	
G 10.0	7374	7332	7307	7290	7283	7289	7283	7290	7307	7332	7374	7432	7492	
G 15.0	7060	7001	6964	6939	6933	6951	6933	6939	6964	7001	7060	7145	7239	
G 20.0	6688	6610	6565	6543	6546	6573	6546	6543	6565	6610	6688	6798	6924	
G 25.0	6281	6193	6133	6098	6089	6110	6089	6098	6133	6193	6281	6405	6551	
G 30.0	5852	5748	5659	5579	5559	5610	5559	5579	5659	5748	5852	5978	6120	
G 35.0	5373	5258	5173	5103	5072	5087	5072	5103	5173	5258	5373	5513	5655	
G 40.0	4873	4752	4660	4600	4575	4585	4575	4600	4660	4752	4873	5017	5180	
G 45.0	4353	4233	4154	4096	4079	4108	4079	4096	4154	4233	4353	4517	4702	
G 50.0	3435	3306	3370	3356	3297	3252	3297	3356	3370	3306	3435	3751	3945	
G 55.0	2126	2097	2332	2667	2743	2518	2743	2667	2332	2097	2126	2501	3156	
G 60.0	1743	1650	1552	1843	1990	2004	1990	1843	1552	1650	1743	1832	2311	
G 65.0	1445	1348	1196	1411	1550	1584	1550	1411	1196	1348	1445	1434	1759	
G 70.0	1076	1018	1115	1187	1154	1035	1154	1187	1115	1018	1076	1295	1486	
G 75.0	949	885	826	883	920	887	920	883	826	885	949	1017	1201	
G 80.0	841	783	747	720	685	642	685	720	747	783	841	925	1027	
G 85.0	563	520	525	517	483	433	483	517	525	520	563	667	782	
G 90.0	288	286	289	296	307	324	307	296	289	286	288	294	305	

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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	7844	7844	7844	7844	7844	7844	7844	7844	7844	7844
G 5.0	7733	7767	7733	7699	7666	7636	7616	7605	7595	7591
G 10.0	7559	7633	7559	7492	7432	7374	7332	7307	7290	7283
G 15.0	7336	7439	7336	7239	7145	7060	7001	6964	6939	6933
G 20.0	7059	7202	7059	6924	6798	6688	6610	6565	6543	6546
G 25.0	6710	6880	6710	6551	6405	6281	6193	6133	6098	6089
G 30.0	6288	6484	6288	6120	5978	5852	5748	5659	5579	5559
G 35.0	5830	6041	5830	5655	5513	5373	5258	5173	5103	5072
G 40.0	5373	5599	5373	5180	5017	4873	4752	4660	4600	4575
G 45.0	4910	5147	4910	4702	4517	4353	4233	4154	4096	4079
G 50.0	4088	4270	4088	3945	3751	3435	3306	3370	3356	3297
G 55.0	3542	3478	3542	3156	2501	2126	2097	2332	2667	2743
G 60.0	2728	2843	2728	2311	1832	1743	1650	1552	1843	1990
G 65.0	2081	2184	2081	1759	1434	1445	1348	1196	1411	1550
G 70.0	1618	1723	1618	1486	1295	1076	1018	1115	1187	1154
G 75.0	1416	1614	1416	1201	1017	949	885	826	883	920
G 80.0	1139	1275	1139	1027	925	841	783	747	720	685
G 85.0	878	971	878	782	667	563	520	525	517	483
G 90.0	344	492	344	305	294	288	286	289	296	307