

Luminaire

Code 90584L900

Name ROFY 60 D0900 GCONTROL+ 830 LO

Measurem.

Code 4/8/2023

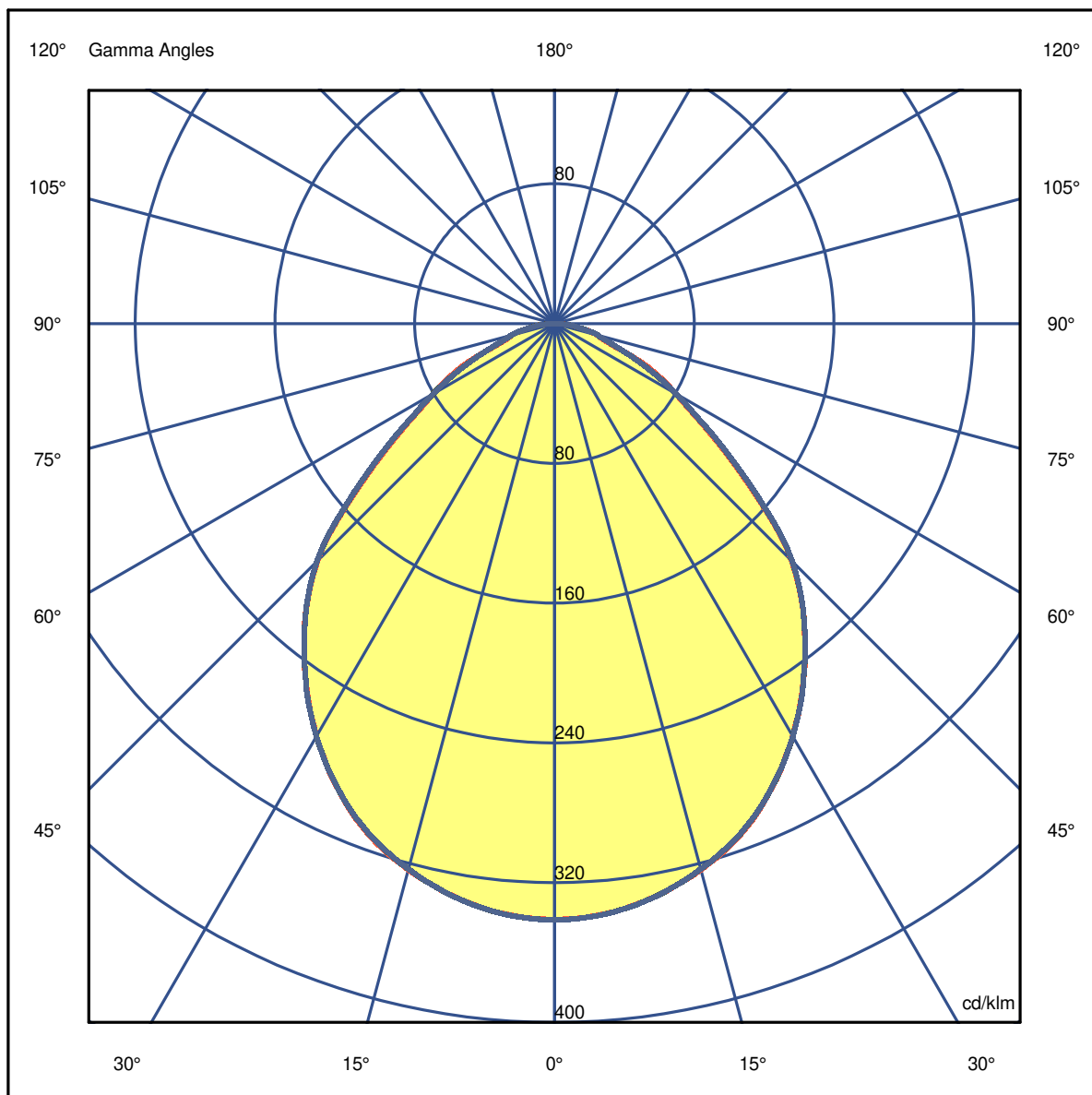
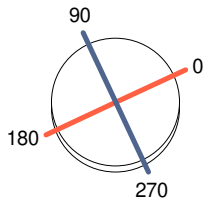
Name ROFY 60 D0900 GCONTROL+ 830 LO

Luminaire Flux	7344 lm	Luminaire Power	53.3 W	Efficacy	137.732 lm/W	Efficiency	74.18%
Source Flux	9900 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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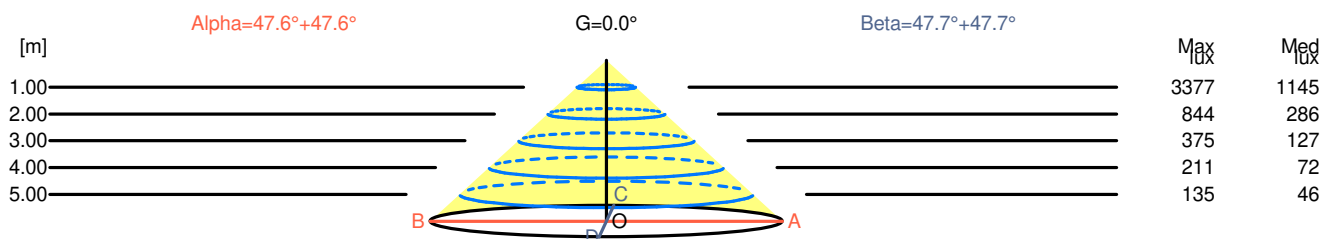
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Source Flux	9900 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.10	2.19	3.29	4.38	5.48	OC	1.10	2.20	3.30	4.40	5.50
OB	1.10	2.19	3.29	4.38	5.48	OD	1.10	2.20	3.30	4.40	5.50

	0	5	15	25	35	45	55	65	75	85
OA	3376.89	3356.10	3203.64	2907.63	2460.15	1900.80	1070.19	584.10	253.44	71.28
OB	3376.89	3356.10	3203.64	2907.63	2460.15	1900.80	1070.19	584.10	253.44	71.28
OC	3376.89	3357.09	3199.68	2906.64	2460.15	1903.77	1089.00	557.37	255.42	72.27
OD	3376.89	3357.09	3199.68	2906.64	2460.15	1903.77	1089.00	557.37	255.42	72.27



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	3377	1145			
2.00	4.38	844	286			
3.00	6.57	375	127			
4.00	8.76	211	72			
5.00	10.95	135	46			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	3377	1145			
2.00	4.40	844	286			
3.00	6.60	375	127			
4.00	8.80	211	72			
5.00	10.99	135	46			

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Source Flux	9900 lm	Maximum value	341.10 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	15.6	16.7	15.8	16.9	17.2	15.6	16.7	15.9	17.0	17.2
x=2H y=3H	16.2	17.3	16.5	17.5	17.8	16.2	17.2	16.5	17.5	17.8
x=2H y=4H	16.4	17.4	16.8	17.7	18.0	16.4	17.4	16.7	17.7	18.0
x=2H y=6H	16.6	17.5	17.0	17.8	18.1	16.6	17.5	17.0	17.8	18.1
x=2H y=8H	16.7	17.5	17.0	17.8	18.2	16.6	17.5	17.0	17.8	18.1
x=2H y=12H	16.7	17.5	17.1	17.8	18.2	16.7	17.5	17.0	17.8	18.2
x=4H y=2H	15.7	16.7	16.1	17.0	17.3	15.7	16.7	16.1	17.0	17.3
x=4H y=3H	16.6	17.4	16.9	17.7	18.0	16.5	17.4	16.9	17.7	18.0
x=4H y=4H	16.9	17.6	17.3	18.0	18.3	16.9	17.6	17.3	17.9	18.3
x=4H y=6H	17.2	17.8	17.6	18.2	18.6	17.2	17.8	17.6	18.2	18.6
x=4H y=8H	17.3	17.8	17.7	18.2	18.6	17.2	17.8	17.7	18.2	18.6
x=4H y=12H	17.3	17.8	17.8	18.2	18.7	17.3	17.8	17.8	18.2	18.7
x=8H y=4H	17.0	17.5	17.4	17.9	18.3	16.9	17.5	17.4	17.9	18.3
x=8H y=6H	17.4	17.8	17.8	18.3	18.7	17.4	17.8	17.8	18.2	18.7
x=8H y=8H	17.5	17.9	18.0	18.4	18.9	17.5	17.9	18.0	18.4	18.9
x=8H y=12H	17.6	18.0	18.1	18.5	19.0	17.6	18.0	18.1	18.5	18.9
x=12H y=4H	17.0	17.5	17.4	17.9	18.3	16.9	17.5	17.4	17.9	18.3
x=12H y=6H	17.4	17.8	17.9	18.2	18.7	17.4	17.8	17.8	18.2	18.7
x=12H y=8H	17.6	17.9	18.1	18.4	18.9	17.6	17.9	18.1	18.4	18.9

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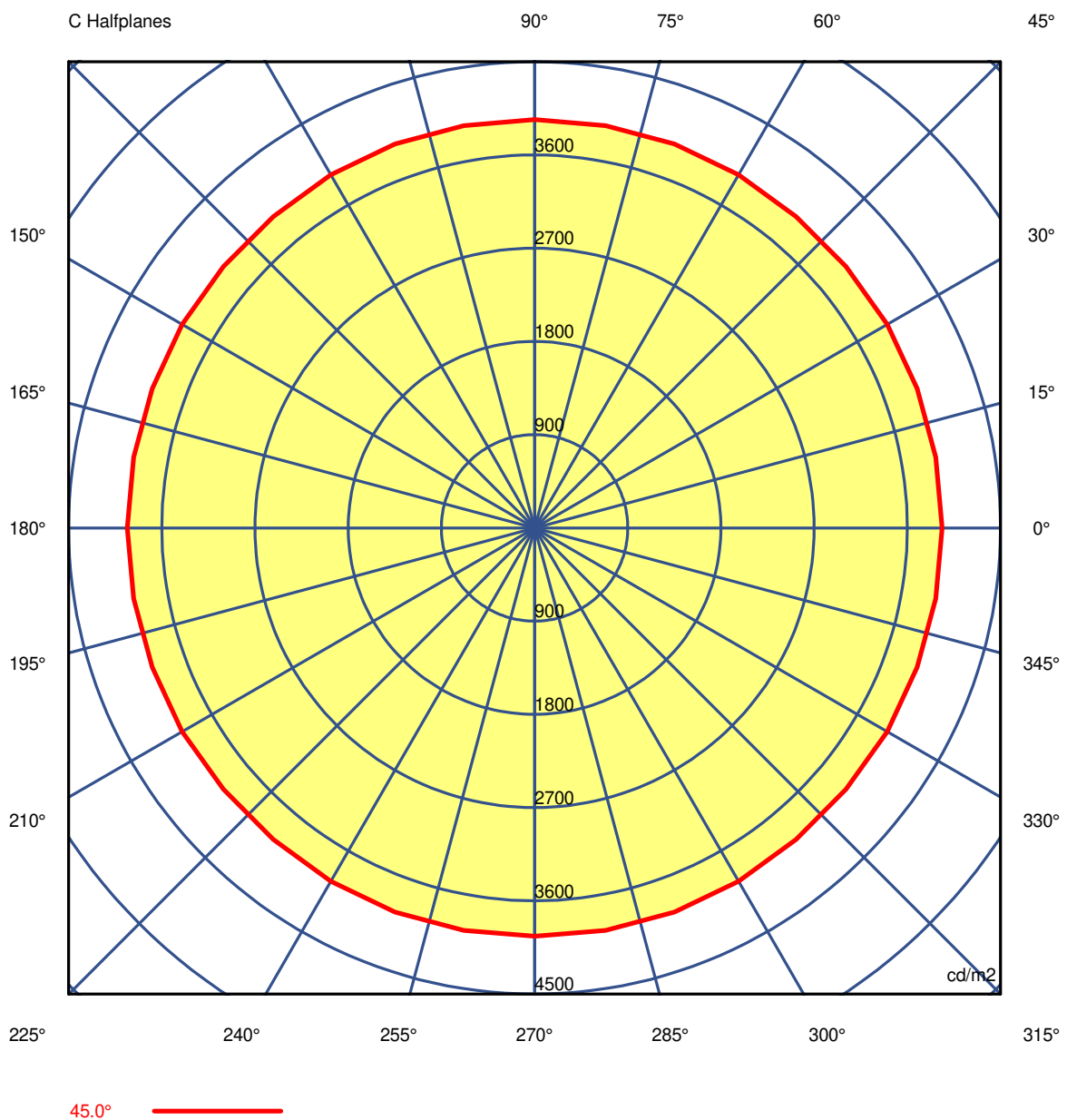
Measurem.

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Luminaire Flux	7344 lm	Luminaire Power	53.3 W	Efficacy	137.732 lm/W	Efficiency	74.18%
Source Flux	9900 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

Code 4/8/2023

Name ROFY 60 D0900 GCONTROL+ 830 LO

Luminaire Flux	7344 lm		Luminaire Power		53.3 W		Efficacy		137.732 lm/W		Efficiency		74.18%	
Source Flux	9900 lm		Maximum value		341.10 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	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	
G 5.0	5480	5479	5478	5478	5478	5478	5478	5477	5478	5482	5478	5477	5478	
G 10.0	5384	5386	5385	5382	5382	5382	5382	5381	5382	5385	5382	5381	5382	
G 15.0	5279	5277	5274	5269	5265	5265	5266	5267	5269	5273	5269	5267	5266	
G 20.0	5158	5152	5142	5130	5123	5121	5123	5134	5144	5151	5144	5134	5123	
G 25.0	4989	4985	4978	4970	4969	4968	4968	4972	4979	4987	4979	4972	4968	
G 30.0	4786	4781	4782	4789	4799	4801	4793	4781	4780	4789	4780	4781	4793	
G 35.0	4546	4549	4555	4570	4583	4587	4577	4558	4549	4546	4549	4558	4577	
G 40.0	4282	4283	4289	4297	4305	4307	4303	4294	4286	4280	4286	4294	4303	
G 45.0	3936	3932	3932	3932	3925	3926	3938	3945	3945	3942	3945	3945	3938	
G 50.0	3262	3320	3353	3308	3173	3175	3315	3367	3346	3302	3346	3367	3315	
G 55.0	2609	2802	2717	2390	2132	2112	2354	2713	2833	2655	2833	2713	2354	
G 60.0	2152	2145	1984	1664	1707	1727	1723	2003	2143	2152	2143	2003	1723	
G 65.0	1798	1751	1593	1365	1469	1491	1399	1570	1687	1716	1687	1570	1399	
G 70.0	1217	1335	1366	1288	1169	1159	1259	1326	1324	1273	1324	1326	1259	
G 75.0	1104	1139	1080	991	1016	1017	991	1073	1133	1112	1133	1073	991	
G 80.0	850	900	941	955	934	935	961	951	910	856	910	951	961	
G 85.0	559	640	705	714	646	648	714	692	628	567	628	692	714	
G 90.0	106	106	106	106	106	106	106	106	106	106	106	106	106	

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Source Flux		9900 lm		Maximum value		341.10 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	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552
G 5.0	5478	5478	5478	5478	5478	5479	5480	5479	5478	5478	5478	5478	5478	5478	5477
G 10.0	5382	5382	5382	5382	5385	5386	5384	5386	5385	5382	5382	5382	5382	5382	5381
G 15.0	5265	5265	5265	5269	5274	5277	5279	5277	5274	5269	5265	5265	5266	5266	5267
G 20.0	5121	5123	5130	5142	5152	5158	5152	5142	5130	5123	5123	5121	5123	5134	5134
G 25.0	4968	4969	4970	4978	4985	4989	4985	4978	4970	4969	4968	4968	4968	4972	4972
G 30.0	4801	4799	4789	4782	4781	4786	4781	4782	4789	4799	4801	4793	4781	4781	4781
G 35.0	4587	4583	4570	4555	4549	4546	4549	4555	4570	4583	4587	4577	4558	4558	4558
G 40.0	4307	4305	4297	4289	4283	4282	4283	4289	4297	4305	4307	4303	4294	4294	4294
G 45.0	3926	3925	3932	3932	3932	3936	3932	3932	3932	3932	3925	3926	3938	3945	3945
G 50.0	3175	3173	3308	3353	3320	3262	3320	3353	3308	3173	3175	3315	3367	3367	3367
G 55.0	2112	2132	2390	2717	2802	2609	2802	2717	2390	2132	2112	2354	2713	2713	2713
G 60.0	1727	1707	1664	1984	2145	2152	2145	1984	1664	1707	1727	1723	2003	2003	2003
G 65.0	1491	1469	1365	1593	1751	1798	1751	1593	1365	1469	1491	1399	1570	1570	1570
G 70.0	1159	1169	1288	1366	1335	1217	1335	1366	1288	1169	1159	1259	1326	1326	1326
G 75.0	1017	1016	991	1080	1139	1104	1139	1080	991	1016	1017	991	1073	1073	1073
G 80.0	935	934	955	941	900	850	900	941	955	934	935	961	951	951	951
G 85.0	648	646	714	705	640	559	640	705	714	646	648	714	692	692	692
G 90.0	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106

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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	5552	5552	5552	5552	5552	5552	5552	5552	5552	5552
G 5.0	5478	5482	5478	5477	5478	5478	5478	5478	5478	5479
G 10.0	5382	5385	5382	5381	5382	5382	5382	5382	5385	5386
G 15.0	5269	5273	5269	5267	5266	5265	5265	5269	5274	5277
G 20.0	5144	5151	5144	5134	5123	5121	5123	5130	5142	5152
G 25.0	4979	4987	4979	4972	4968	4968	4969	4970	4978	4985
G 30.0	4780	4789	4780	4781	4793	4801	4799	4789	4782	4781
G 35.0	4549	4546	4549	4558	4577	4587	4583	4570	4555	4549
G 40.0	4286	4280	4286	4294	4303	4307	4305	4297	4289	4283
G 45.0	3945	3942	3945	3945	3938	3926	3925	3932	3932	3932
G 50.0	3346	3302	3346	3367	3315	3175	3173	3308	3353	3320
G 55.0	2833	2655	2833	2713	2354	2112	2132	2390	2717	2802
G 60.0	2143	2152	2143	2003	1723	1727	1707	1664	1984	2145
G 65.0	1687	1716	1687	1570	1399	1491	1469	1365	1593	1751
G 70.0	1324	1273	1324	1326	1259	1159	1169	1288	1366	1335
G 75.0	1133	1112	1133	1073	991	1017	1016	991	1080	1139
G 80.0	910	856	910	951	961	935	934	955	941	900
G 85.0	628	567	628	692	714	648	646	714	705	640
G 90.0	106	106	106	106	106	106	106	106	106	106