

Luminaire

Code 90633L400
Name ROFY 85 D/I D0400 GCONTROL+ 840 LO

Measurem.

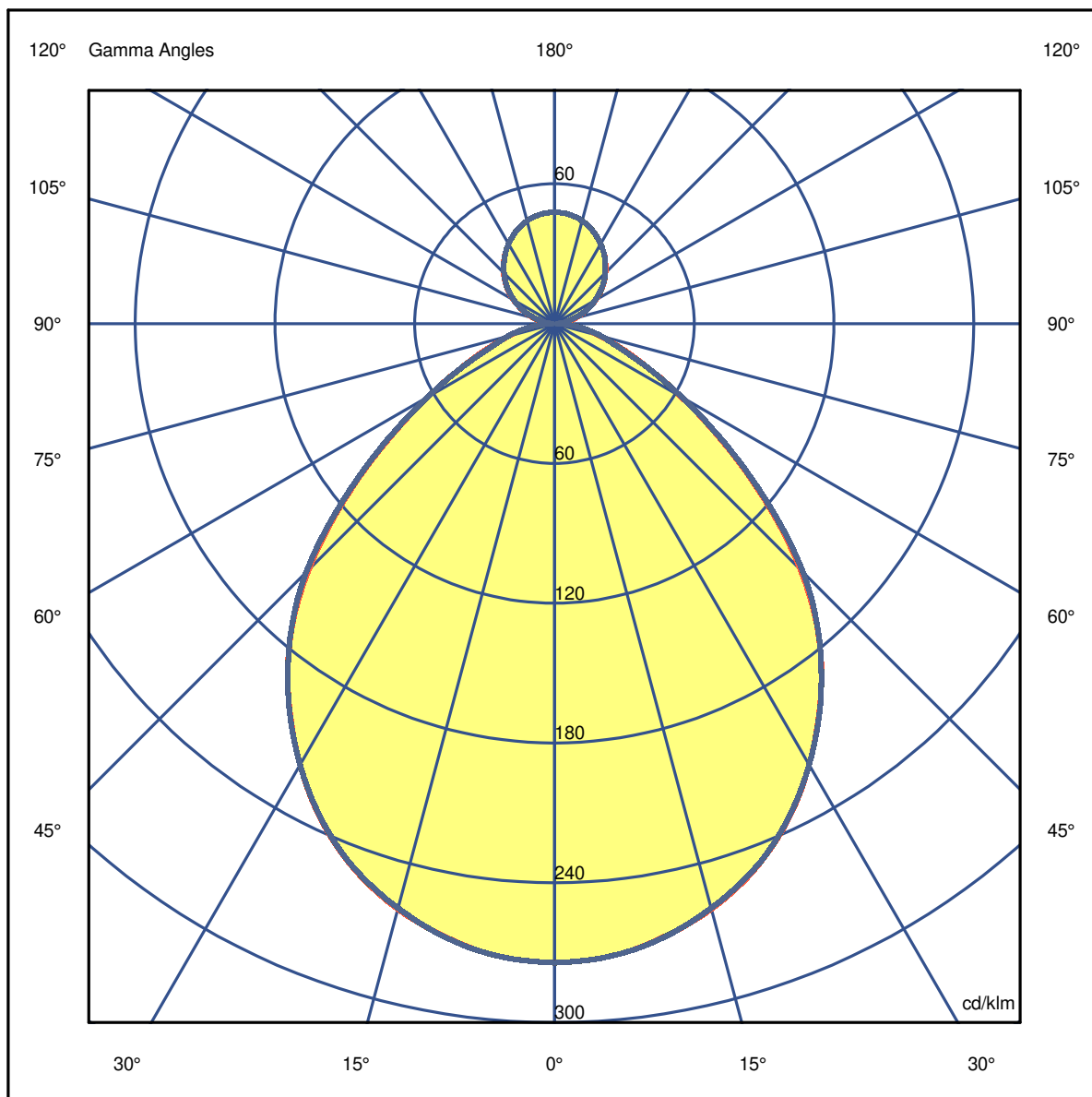
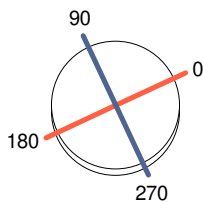
Code 4/8/2023
Name ROFY 85 D/I D0400 GCONTROL+ 840 LO

Luminaire Flux	2869 lm	Luminaire Power	22.1 W	Efficacy	129.741 lm/W	Efficiency	72.77%
Source Flux	3942 lm	Maximum value	274.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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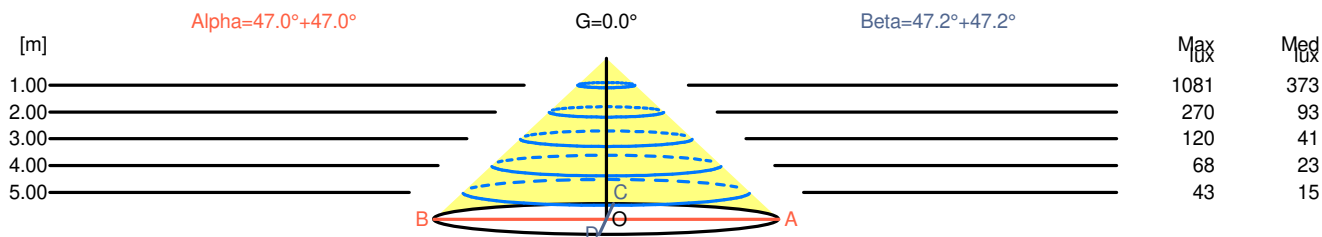
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Source Flux	3942 lm	Maximum value	274.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.07	2.14	3.22	4.29	5.36	OC	1.08	2.16	3.24	4.32	5.40
OB	1.07	2.14	3.22	4.29	5.36	OD	1.08	2.16	3.24	4.32	5.40

	0	5	15	25	35	45	55	65	75	85
OA	1081.29	1074.59	1025.31	930.31	783.67	588.93	347.29	172.27	79.23	24.44
OB	1081.29	1074.59	1025.31	930.31	783.67	588.93	347.29	172.27	79.23	24.44
OC	1081.29	1074.59	1023.74	929.52	784.46	594.85	350.44	170.29	82.39	24.05
OD	1081.29	1074.59	1023.74	929.52	784.46	594.85	350.44	170.29	82.39	24.05



H[m]	D[m]	Max lux	Med lux	Alpha=47.0°+47.0°	G=0.0	
1.00	2.14	1081	373			
2.00	4.29	270	93			
3.00	6.43	120	41			
4.00	8.58	68	23			
5.00	10.72	43	15			

H[m]	D[m]	Max lux	Med lux	Beta=47.2°+47.2°	G=0.0	
1.00	2.16	1081	373			
2.00	4.32	270	93			
3.00	6.49	120	41			
4.00	8.65	68	23			
5.00	10.81	43	15			

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Source Flux	3942 lm	Maximum value	274.30 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	15.7	16.7	16.2	17.2	17.8	15.8	16.8	16.3	17.3	17.9
x=2H y=3H	16.2	17.1	16.8	17.6	18.3	16.4	17.3	17.0	17.8	18.4
x=2H y=4H	16.4	17.2	17.0	17.8	18.4	16.6	17.4	17.2	18.0	18.6
x=2H y=6H	16.5	17.2	17.1	17.8	18.4	16.7	17.4	17.3	18.0	18.7
x=2H y=8H	16.5	17.2	17.1	17.8	18.5	16.7	17.4	17.3	18.0	18.7
x=2H y=12H	16.5	17.2	17.1	17.8	18.5	16.7	17.4	17.3	18.0	18.7
x=4H y=2H	15.7	16.6	16.3	17.1	17.7	15.8	16.7	16.4	17.2	17.9
x=4H y=3H	16.4	17.1	17.0	17.7	18.4	16.5	17.2	17.2	17.8	18.5
x=4H y=4H	16.7	17.3	17.3	17.9	18.6	16.9	17.5	17.5	18.1	18.8
x=4H y=6H	16.9	17.4	17.6	18.1	18.8	17.1	17.6	17.8	18.3	19.0
x=4H y=8H	16.9	17.4	17.6	18.1	18.8	17.1	17.6	17.8	18.3	19.0
x=4H y=12H	17.0	17.4	17.6	18.1	18.8	17.2	17.6	17.8	18.3	19.0
x=8H y=4H	16.7	17.2	17.4	17.9	18.6	16.9	17.4	17.6	18.0	18.8
x=8H y=6H	17.0	17.4	17.7	18.1	18.9	17.2	17.6	17.9	18.3	19.1
x=8H y=8H	17.1	17.4	17.8	18.2	19.0	17.3	17.6	18.0	18.3	19.2
x=8H y=12H	17.2	17.5	17.9	18.2	19.1	17.3	17.6	18.1	18.4	19.2
x=12H y=4H	16.7	17.1	17.4	17.8	18.6	16.9	17.3	17.6	18.0	18.8
x=12H y=6H	17.0	17.3	17.7	18.1	18.9	17.2	17.5	17.9	18.2	19.1
x=12H y=8H	17.1	17.4	17.9	18.2	19.0	17.3	17.6	18.1	18.3	19.2

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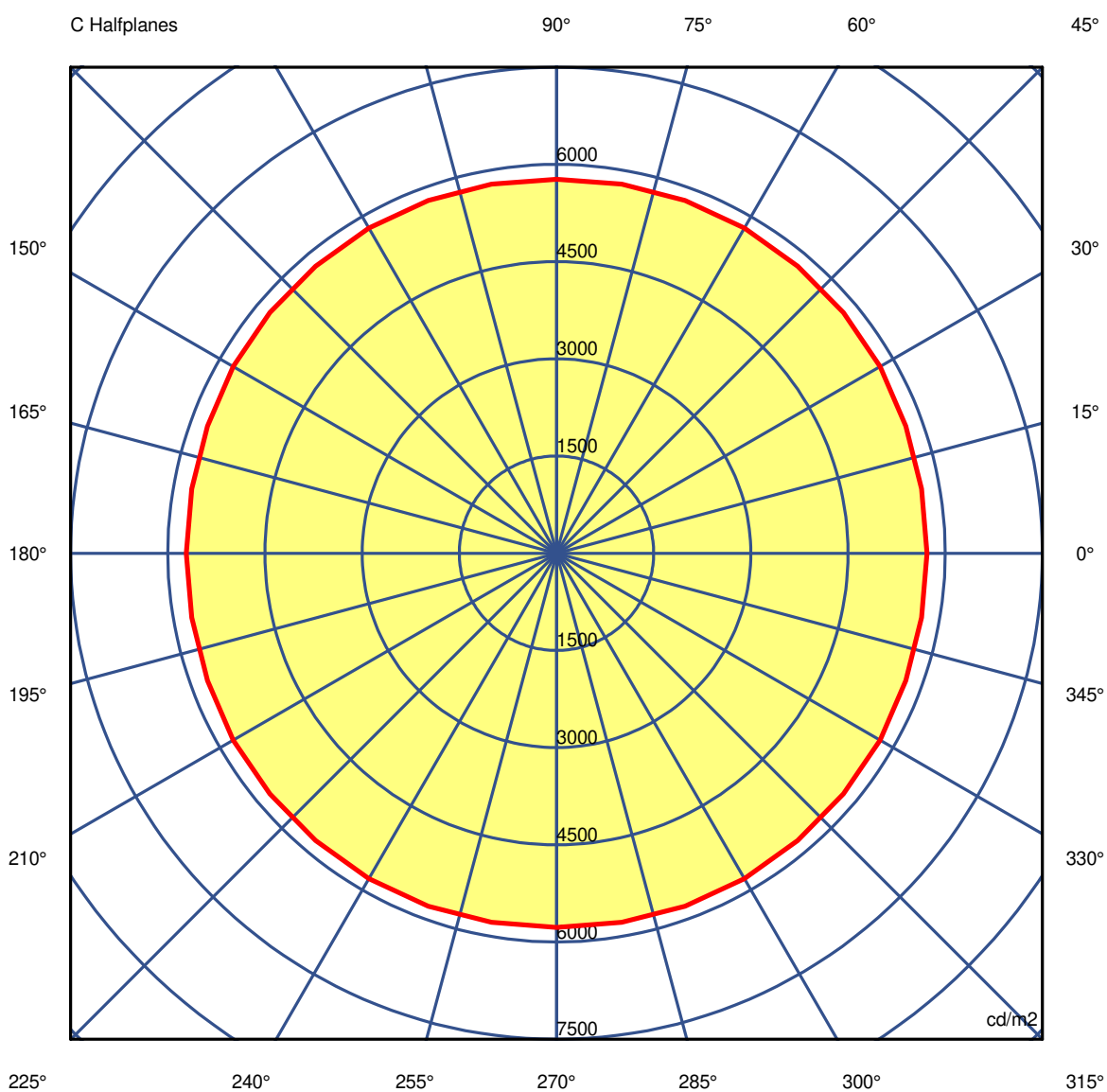
Measurem.

Code 4/8/2023

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Luminaire Flux	2869 lm	Luminaire Power	22.1 W	Efficacy	129.741 lm/W	Efficiency	72.77%
Source Flux	3942 lm	Maximum value	274.30 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	2869 lm	Luminaire Power	22.1 W	Efficacy	129.741 lm/W	Efficiency	72.77%						
Source Flux	3942 lm	Maximum value	274.30 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	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534
G 5.0	9280	9280	9280	9280	9280	9280	9280	9275	9274	9280	9274	9275	9280
G 10.0	8990	8996	8995	8990	8989	8992	8993	8988	8987	8993	8987	8988	8993
G 15.0	8696	8692	8687	8679	8668	8667	8673	8670	8672	8683	8672	8670	8673
G 20.0	8372	8362	8347	8328	8317	8315	8322	8335	8349	8362	8349	8335	8322
G 25.0	7990	7979	7965	7949	7938	7935	7942	7961	7976	7983	7976	7961	7942
G 30.0	7535	7527	7522	7524	7538	7539	7528	7526	7530	7535	7530	7526	7528
G 35.0	7033	7028	7036	7061	7090	7094	7068	7038	7028	7040	7028	7038	7068
G 40.0	6471	6479	6494	6515	6533	6535	6519	6495	6480	6475	6480	6495	6519
G 45.0	5716	5721	5737	5766	5777	5786	5796	5793	5784	5773	5784	5793	5796
G 50.0	4772	4750	4738	4627	4336	4342	4651	4787	4806	4812	4806	4787	4651
G 55.0	3795	3967	3835	3351	2809	2842	3438	3944	4054	3830	4054	3944	3438
G 60.0	2919	3089	2855	2397	2279	2312	2500	3020	3228	2942	3228	3020	2500
G 65.0	2231	2350	2106	1777	1949	1957	1823	2223	2451	2206	2451	2223	1823
G 70.0	1705	1796	1701	1539	1584	1564	1499	1792	1903	1642	1903	1792	1499
G 75.0	1309	1322	1367	1406	1302	1276	1393	1493	1478	1361	1478	1493	1393
G 80.0	1026	1026	1046	1095	1107	1095	1087	1092	1076	1010	1076	1092	1087
G 85.0	581	627	690	731	692	678	703	681	629	572	629	681	703
G 90.0	354	336	325	293	208	153	146	131	116	110	116	131	146

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Source Flux	3942 lm		Maximum value		274.30 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	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534	
G 5.0	9280	9280	9280	9280	9280	9280	9280	9280	9280	9280	9280	9280	9275	
G 10.0	8992	8989	8990	8995	8996	8990	8996	8995	8990	8989	8992	8993	8988	
G 15.0	8667	8668	8679	8687	8692	8696	8692	8687	8679	8668	8667	8673	8670	
G 20.0	8315	8317	8328	8347	8362	8372	8362	8347	8328	8317	8315	8322	8335	
G 25.0	7935	7938	7949	7965	7979	7990	7979	7965	7949	7938	7935	7942	7961	
G 30.0	7539	7538	7524	7522	7527	7535	7527	7522	7524	7538	7539	7528	7526	
G 35.0	7094	7090	7061	7036	7028	7033	7028	7036	7061	7090	7094	7068	7038	
G 40.0	6535	6533	6515	6494	6479	6471	6479	6494	6515	6533	6535	6519	6495	
G 45.0	5786	5777	5766	5737	5721	5716	5721	5737	5766	5777	5786	5796	5793	
G 50.0	4342	4336	4627	4738	4750	4772	4750	4738	4627	4336	4342	4651	4787	
G 55.0	2842	2809	3351	3835	3967	3795	3967	3835	3351	2809	2842	3438	3944	
G 60.0	2312	2279	2397	2855	3089	2919	3089	2855	2397	2279	2312	2500	3020	
G 65.0	1957	1949	1777	2106	2350	2231	2350	2106	1777	1949	1957	1823	2223	
G 70.0	1564	1584	1539	1701	1796	1705	1796	1701	1539	1584	1564	1499	1792	
G 75.0	1276	1302	1406	1367	1322	1309	1322	1367	1406	1302	1276	1393	1493	
G 80.0	1095	1107	1095	1046	1026	1026	1026	1046	1095	1107	1095	1087	1092	
G 85.0	678	692	731	690	627	581	627	690	731	692	678	703	681	
G 90.0	153	208	293	325	336	354	336	325	293	208	153	146	131	

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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	9534	9534	9534	9534	9534	9534	9534	9534	9534	9534
G 5.0	9274	9280	9274	9275	9280	9280	9280	9280	9280	9280
G 10.0	8987	8993	8987	8988	8993	8992	8989	8990	8995	8996
G 15.0	8672	8683	8672	8670	8673	8667	8668	8679	8687	8692
G 20.0	8349	8362	8349	8335	8322	8315	8317	8328	8347	8362
G 25.0	7976	7983	7976	7961	7942	7935	7938	7949	7965	7979
G 30.0	7530	7535	7530	7526	7528	7539	7538	7524	7522	7527
G 35.0	7028	7040	7028	7038	7068	7094	7090	7061	7036	7028
G 40.0	6480	6475	6480	6495	6519	6535	6533	6515	6494	6479
G 45.0	5784	5773	5784	5793	5796	5786	5777	5766	5737	5721
G 50.0	4806	4812	4806	4787	4651	4342	4336	4627	4738	4750
G 55.0	4054	3830	4054	3944	3438	2842	2809	3351	3835	3967
G 60.0	3228	2942	3228	3020	2500	2312	2279	2397	2855	3089
G 65.0	2451	2206	2451	2223	1823	1957	1949	1777	2106	2350
G 70.0	1903	1642	1903	1792	1499	1564	1584	1539	1701	1796
G 75.0	1478	1361	1478	1493	1393	1276	1302	1406	1367	1322
G 80.0	1076	1010	1076	1092	1087	1095	1107	1095	1046	1026
G 85.0	629	572	629	681	703	678	692	731	690	627
G 90.0	116	110	116	131	146	153	208	293	325	336