

Luminaire

Code 90592L400

Name ROFY 60 /T D/I D0400 GCONTROL+ 830 LO

Measurem.

Code 4/8/2023

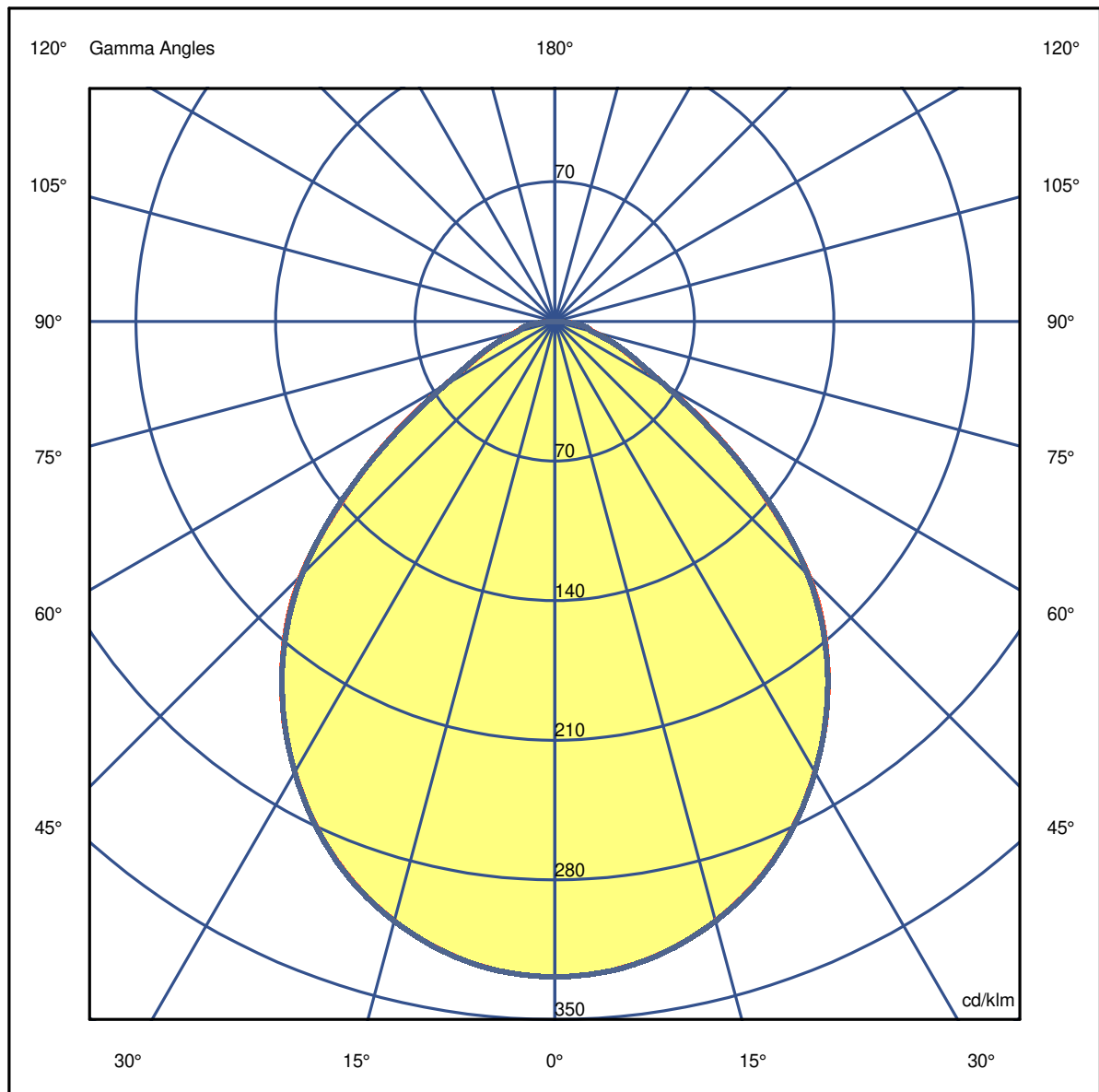
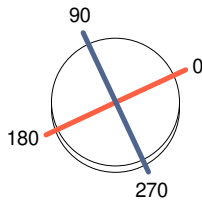
Name ROFY 60 /T D/I D0400 GCONTROL+ 830 LO

Luminaire Flux	2647 lm	Luminaire Power	22.1 W	Efficacy	119.717 lm/W	Efficiency	70.25%
Source Flux	3768 lm	Maximum value	328.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=518mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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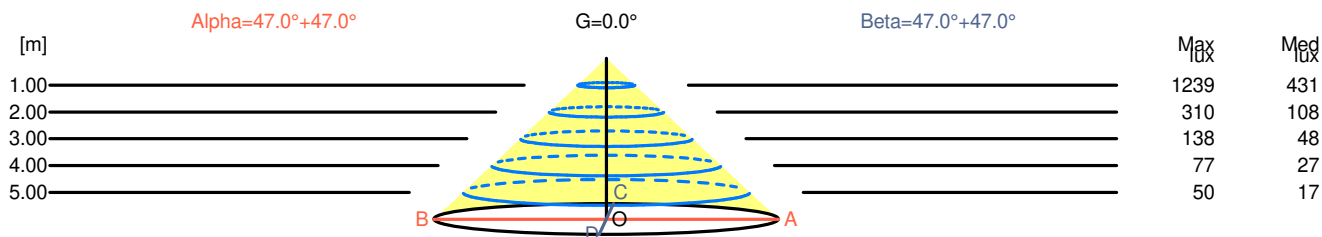
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Source Flux	3768 lm	Maximum value	328.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	3.21	4.28	5.35	OC	1.07	2.14	3.21	4.28	5.35
OB	1.07	2.14	3.21	4.28	5.35	OD	1.07	2.14	3.21	4.28	5.35

	0	5	15	25	35	45	55	65	75	85
OA	1238.54	1231.01	1172.22	1059.56	896.03	678.24	372.28	162.02	75.36	30.90
OB	1238.54	1231.01	1172.22	1059.56	896.03	678.24	372.28	162.02	75.36	30.90
OC	1238.54	1231.01	1172.60	1059.94	895.28	675.23	367.00	165.42	72.35	29.77
OD	1238.54	1231.01	1172.60	1059.94	895.28	675.23	367.00	165.42	72.35	29.77



H[m]	D[m]	Max lux	Med lux	Alpha=47.0°+47.0°	G=0.0
1.00	2.14	1239	431		
2.00	4.28	310	108		
3.00	6.43	138	48		
4.00	8.57	77	27		
5.00	10.71	50	17		

H[m]	D[m]	Max lux	Med lux	Beta=47.0°+47.0°	G=0.0
1.00	2.14	1239	431		
2.00	4.28	310	108		
3.00	6.42	138	48		
4.00	8.57	77	27		
5.00	10.71	50	17		

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Source Flux	3768 lm	Maximum value	328.70 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	15.0	16.2	15.3	16.4	16.6	15.0	16.1	15.3	16.4	16.6
x=2H y=3H	15.5	16.6	15.8	16.8	17.1	15.5	16.5	15.8	16.8	17.1
x=2H y=4H	15.7	16.6	16.0	16.9	17.2	15.7	16.6	16.0	16.9	17.2
x=2H y=6H	15.8	16.7	16.1	17.0	17.2	15.8	16.7	16.1	17.0	17.2
x=2H y=8H	15.8	16.7	16.2	17.0	17.3	15.8	16.7	16.2	17.0	17.3
x=2H y=12H	15.8	16.6	16.2	17.0	17.3	15.8	16.6	16.2	17.0	17.3
x=4H y=2H	15.2	16.2	15.5	16.5	16.7	15.2	16.2	15.5	16.5	16.7
x=4H y=3H	15.9	16.7	16.3	17.0	17.3	15.9	16.7	16.3	17.0	17.3
x=4H y=4H	16.1	16.9	16.5	17.2	17.6	16.1	16.9	16.5	17.2	17.6
x=4H y=6H	16.3	17.0	16.7	17.3	17.7	16.3	17.0	16.7	17.3	17.7
x=4H y=8H	16.4	17.0	16.9	17.4	17.8	16.4	17.0	16.9	17.4	17.8
x=4H y=12H	16.5	17.0	16.9	17.4	17.8	16.5	17.0	16.9	17.4	17.8
x=8H y=4H	16.2	16.8	16.6	17.2	17.6	16.2	16.8	16.6	17.2	17.6
x=8H y=6H	16.5	17.0	16.9	17.4	17.8	16.5	16.9	16.9	17.4	17.8
x=8H y=8H	16.6	17.0	17.1	17.5	17.9	16.6	17.0	17.1	17.4	17.9
x=8H y=12H	16.7	17.0	17.2	17.5	18.0	16.7	17.0	17.2	17.5	18.0
x=12H y=4H	16.2	16.7	16.6	17.1	17.5	16.2	16.7	16.6	17.1	17.5
x=12H y=6H	16.5	16.9	17.0	17.3	17.8	16.5	16.9	17.0	17.3	17.8
x=12H y=8H	16.6	17.0	17.1	17.5	18.0	16.6	17.0	17.1	17.5	18.0

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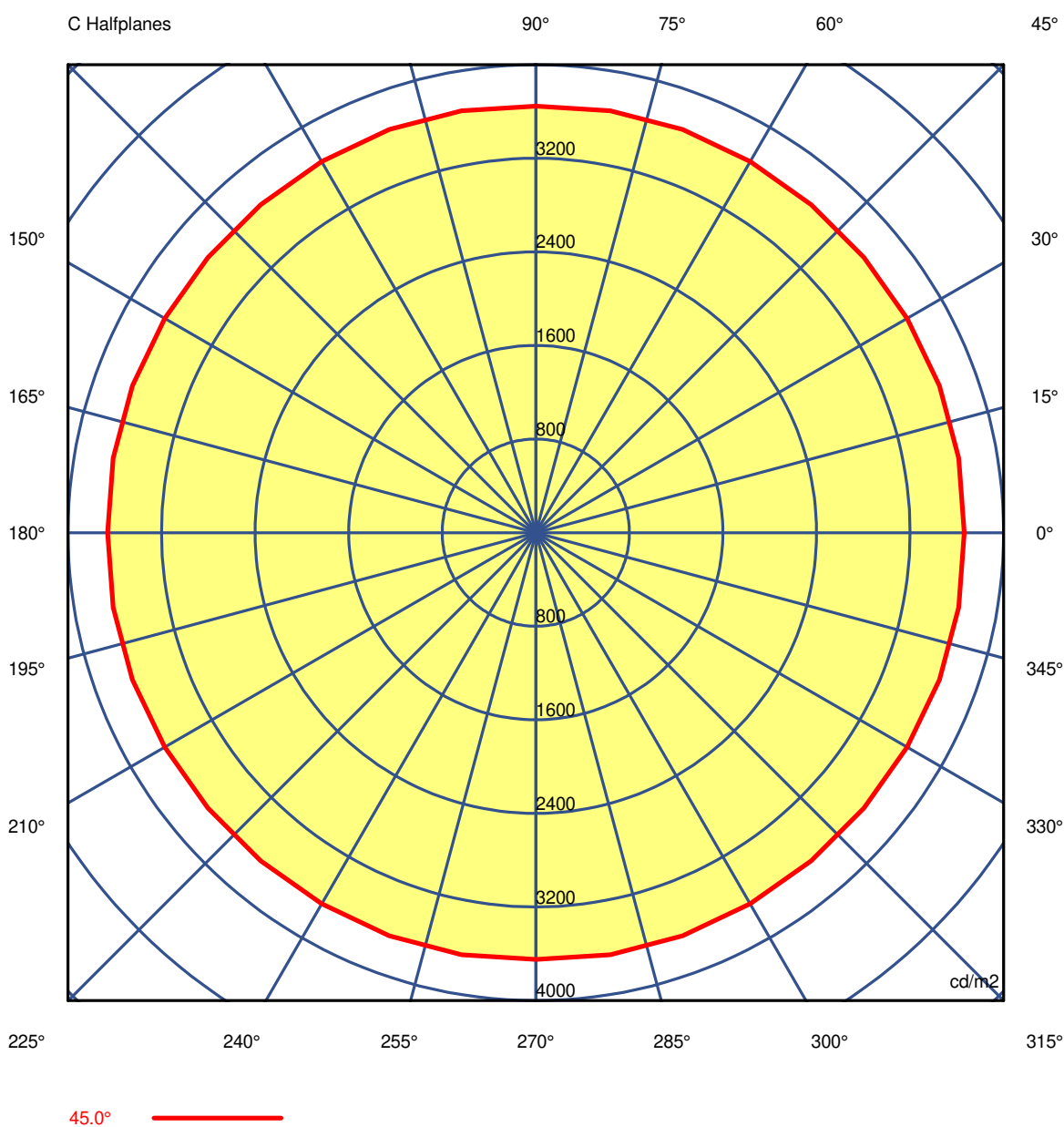
Measurem.

Code 4/8/2023

Name ROFY 60 /T D/I D0400 GCONTROL+ 830 LO

Luminaire Flux	2647 lm	Luminaire Power	22.1 W	Efficacy	119.717 lm/W	Efficiency	70.25%
Source Flux	3768 lm	Maximum value	328.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Name ROFY 60 /T D/I D0400 GCONTROL+ 830 LO

Luminaire Flux	2647 lm		Luminaire Power		22.1 W		Efficacy		119.717 lm/W		Efficiency		70.25%	
Source Flux	3768 lm		Maximum value		328.70 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	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308	
G 5.0	6115	6115	6115	6115	6115	6115	6115	6116	6117	6115	6117	6116	6115	
G 10.0	5902	5901	5900	5900	5901	5903	5904	5903	5902	5904	5902	5903	5904	
G 15.0	5674	5672	5671	5672	5673	5674	5675	5675	5675	5675	5675	5675	5675	
G 20.0	5427	5427	5427	5427	5428	5429	5430	5432	5432	5432	5432	5432	5430	
G 25.0	5153	5153	5154	5156	5154	5152	5154	5158	5158	5154	5158	5158	5154	
G 30.0	4848	4855	4858	4855	4850	4851	4857	4858	4854	4848	4854	4858	4857	
G 35.0	4516	4519	4521	4520	4512	4512	4520	4520	4516	4512	4516	4520	4520	
G 40.0	4138	4135	4133	4134	4136	4134	4132	4135	4135	4130	4135	4135	4132	
G 45.0	3663	3672	3672	3665	3662	3661	3663	3668	3663	3647	3663	3668	3663	
G 50.0	2959	2921	2906	2924	2966	2956	2905	2902	2934	2976	2934	2902	2905	
G 55.0	2239	2147	2111	2157	2244	2214	2105	2112	2167	2207	2167	2112	2105	
G 60.0	1535	1609	1640	1608	1544	1559	1632	1632	1586	1535	1586	1632	1632	
G 65.0	1138	1286	1361	1313	1175	1197	1355	1372	1283	1162	1283	1372	1355	
G 70.0	902	984	1044	1033	929	914	1004	1034	986	893	986	1034	1004	
G 75.0	661	721	766	756	671	663	746	777	731	634	731	777	746	
G 80.0	615	601	595	600	611	607	592	592	601	611	601	592	592	
G 85.0	375	355	343	348	367	364	343	343	353	361	353	343	343	
G 90.0	69	69	69	69	69	69	69	69	68	63	68	69	69	

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Source Flux	3768 lm		Maximum value		328.70 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	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308	
G 5.0	6115	6115	6115	6115	6115	6115	6115	6115	6115	6115	6115	6115	6116	
G 10.0	5903	5901	5900	5900	5901	5902	5901	5900	5900	5901	5903	5904	5903	
G 15.0	5674	5673	5672	5671	5672	5674	5672	5671	5672	5673	5674	5675	5675	
G 20.0	5429	5428	5427	5427	5427	5427	5427	5427	5427	5428	5429	5430	5432	
G 25.0	5152	5154	5156	5154	5153	5153	5153	5154	5156	5154	5152	5154	5158	
G 30.0	4851	4850	4855	4858	4855	4848	4855	4858	4855	4850	4851	4857	4858	
G 35.0	4512	4512	4520	4521	4519	4516	4519	4521	4520	4512	4512	4520	4520	
G 40.0	4134	4136	4134	4133	4135	4138	4135	4133	4134	4136	4134	4132	4135	
G 45.0	3661	3662	3665	3672	3672	3663	3672	3672	3665	3662	3661	3663	3668	
G 50.0	2956	2966	2924	2906	2921	2959	2921	2906	2924	2966	2956	2905	2902	
G 55.0	2214	2244	2157	2111	2147	2239	2147	2111	2157	2244	2214	2105	2112	
G 60.0	1559	1544	1608	1640	1609	1535	1609	1640	1608	1544	1559	1632	1632	
G 65.0	1197	1175	1313	1361	1286	1138	1286	1361	1313	1175	1197	1355	1372	
G 70.0	914	929	1033	1044	984	902	984	1044	1033	929	914	1004	1034	
G 75.0	663	671	756	766	721	661	721	766	756	671	663	746	777	
G 80.0	607	611	600	595	601	615	601	595	600	611	607	592	592	
G 85.0	364	367	348	343	355	375	355	343	348	367	364	343	343	
G 90.0	69	69	69	69	69	69	69	69	69	69	69	69	69	

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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	6308	6308	6308	6308	6308	6308	6308	6308	6308	6308
G 5.0	6117	6115	6117	6116	6115	6115	6115	6115	6115	6115
G 10.0	5902	5904	5902	5903	5904	5903	5901	5900	5900	5901
G 15.0	5675	5675	5675	5675	5675	5674	5673	5672	5671	5672
G 20.0	5432	5432	5432	5432	5430	5429	5428	5427	5427	5427
G 25.0	5158	5154	5158	5158	5154	5152	5154	5156	5154	5153
G 30.0	4854	4848	4854	4858	4857	4851	4850	4855	4858	4855
G 35.0	4516	4512	4516	4520	4520	4512	4512	4520	4521	4519
G 40.0	4135	4130	4135	4135	4132	4134	4136	4134	4133	4135
G 45.0	3663	3647	3663	3668	3663	3661	3662	3665	3672	3672
G 50.0	2934	2976	2934	2902	2905	2956	2966	2924	2906	2921
G 55.0	2167	2207	2167	2112	2105	2214	2244	2157	2111	2147
G 60.0	1586	1535	1586	1632	1632	1559	1544	1608	1640	1609
G 65.0	1283	1162	1283	1372	1355	1197	1175	1313	1361	1286
G 70.0	986	893	986	1034	1004	914	929	1033	1044	984
G 75.0	731	634	731	777	746	663	671	756	766	721
G 80.0	601	611	601	592	592	607	611	600	595	601
G 85.0	353	361	353	343	343	364	367	348	343	355
G 90.0	68	63	68	69	69	69	69	69	69	69