

Luminaire

Code 90590L400

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Measurem.

Code 4/8/2023

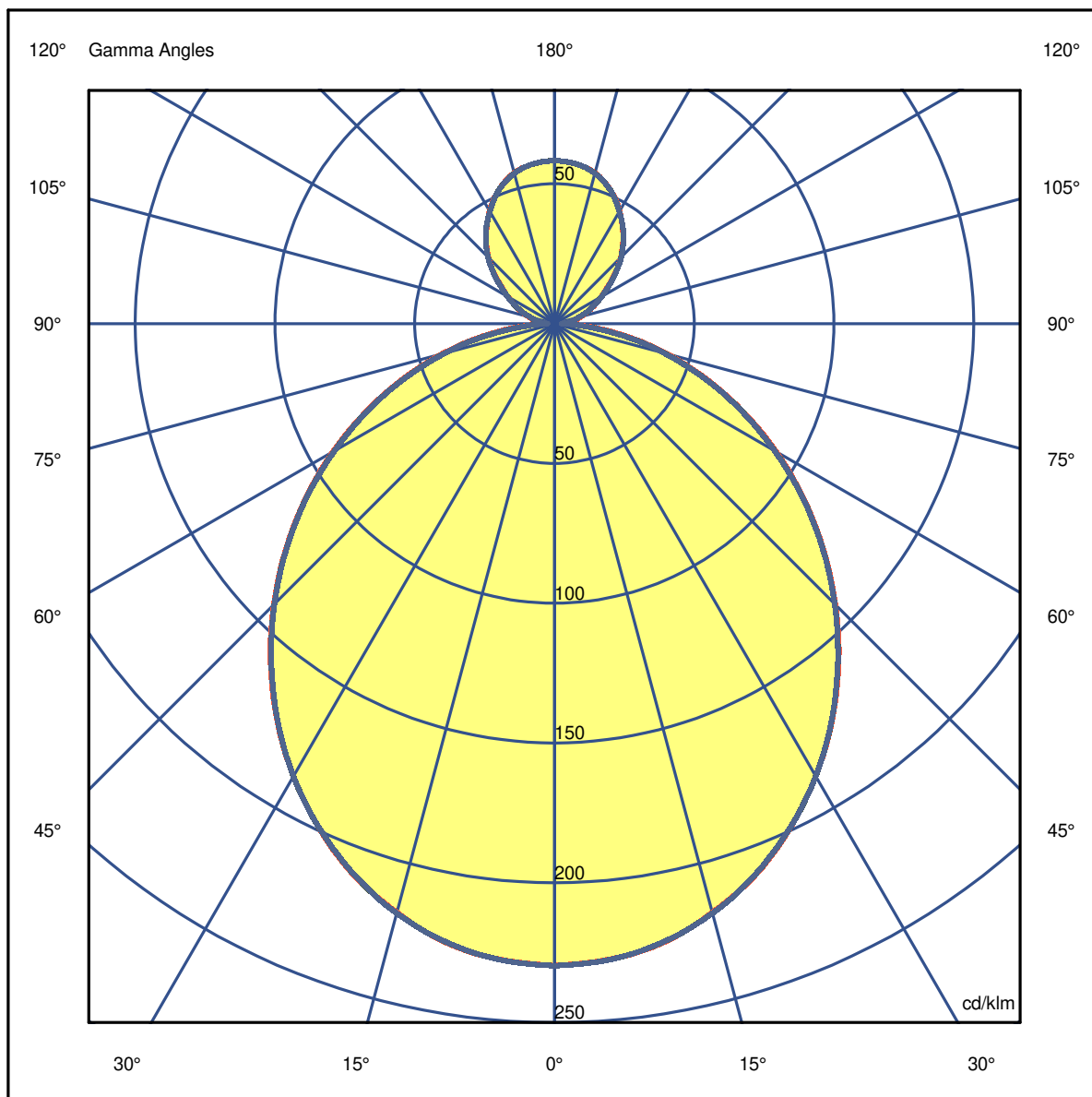
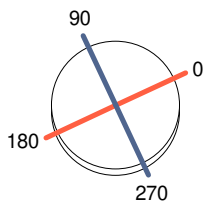
Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Luminaire Flux	2896 lm	Luminaire Power	22.1 W	Efficacy	130.985 lm/W	Efficiency	76.86%
Source Flux	3768 lm	Maximum value	229.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



Luminaire

Code 90590L400
Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Measurem.

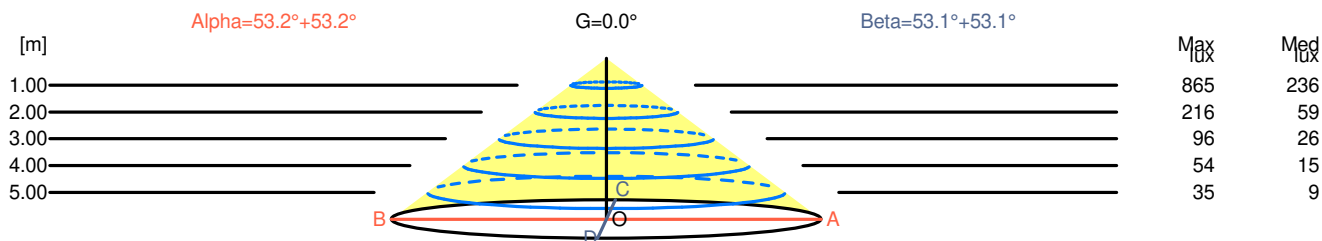
Code 4/8/2023
Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Luminaire Flux	2896 lm	Luminaire Power	22.1 W	Efficacy	130.985 lm/W	Efficiency	76.86%
Source Flux	3768 lm	Maximum value	229.60 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	1.34	2.67	4.01	5.34	6.68	OC	1.33	2.66	3.99	5.33	6.66
OB	1.34	2.67	4.01	5.34	6.68	OD	1.33	2.66	3.99	5.33	6.66

	0	5	15	25	35	45	55	65	75	85
OA	865.13	859.86	821.80	750.59	652.24	535.43	409.20	280.34	156.00	46.72
OB	865.13	859.86	821.80	750.59	652.24	535.43	409.20	280.34	156.00	46.72
OC	865.13	860.23	822.55	750.21	651.49	534.30	408.07	278.08	153.36	40.69
OD	865.13	860.23	822.55	750.21	651.49	534.30	408.07	278.08	153.36	40.69



H[m]	D[m]	Max lux	Med lux	Alpha=53.2°+53.2°	G=0.0
1.00	2.67	865	236		
2.00	5.34	216	59		
3.00	8.01	96	26		
4.00	10.68	54	15		
5.00	13.35	35	9		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.66	865	236		
2.00	5.33	216	59		
3.00	7.99	96	26		
4.00	10.65	54	15		
5.00	13.32	35	9		

Luminaire

Code 90590L400

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Measurement

Code 4/8/2023

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Luminaire Flux	2896 lm	Luminaire Power	22.1 W	Efficacy	130.985 lm/W	Efficiency	76.86%
Source Flux	3768 lm	Maximum value	229.60 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	16.6	17.7	17.1	18.2	18.8	16.6	17.6	17.1	18.2	18.8
x=2H y=3H	17.8	18.8	18.4	19.4	20.0	17.8	18.8	18.4	19.3	20.0
x=2H y=4H	18.3	19.2	18.9	19.8	20.5	18.3	19.2	18.9	19.7	20.4
x=2H y=6H	18.6	19.4	19.2	20.0	20.7	18.5	19.4	19.2	20.0	20.7
x=2H y=8H	18.7	19.5	19.3	20.1	20.8	18.6	19.4	19.2	20.0	20.7
x=2H y=12H	18.7	19.5	19.3	20.1	20.8	18.6	19.4	19.2	20.0	20.7
x=4H y=2H	17.1	18.0	17.7	18.6	19.2	17.1	18.0	17.7	18.5	19.2
x=4H y=3H	18.5	19.3	19.2	19.9	20.6	18.5	19.2	19.1	19.9	20.6
x=4H y=4H	19.1	19.8	19.8	20.4	21.2	19.0	19.7	19.7	20.4	21.1
x=4H y=6H	19.5	20.1	20.2	20.7	21.5	19.4	20.0	20.1	20.7	21.5
x=4H y=8H	19.6	20.1	20.3	20.8	21.6	19.5	20.1	20.2	20.7	21.5
x=4H y=12H	19.6	20.1	20.4	20.8	21.7	19.5	20.0	20.2	20.7	21.6
x=8H y=4H	19.3	19.8	20.0	20.5	21.3	19.2	19.8	19.9	20.4	21.2
x=8H y=6H	19.8	20.2	20.5	20.9	21.7	19.7	20.1	20.4	20.8	21.7
x=8H y=8H	19.9	20.3	20.7	21.0	21.9	19.8	20.2	20.6	20.9	21.8
x=8H y=12H	20.0	20.4	20.8	21.1	22.0	19.9	20.2	20.7	21.0	21.9
x=12H y=4H	19.2	19.7	19.9	20.4	21.3	19.2	19.7	19.9	20.4	21.2
x=12H y=6H	19.8	20.2	20.5	20.9	21.7	19.7	20.1	20.4	20.8	21.7
x=12H y=8H	20.0	20.3	20.7	21.0	21.9	19.9	20.2	20.6	21.0	21.8

Luminaire

Code 90590L400

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

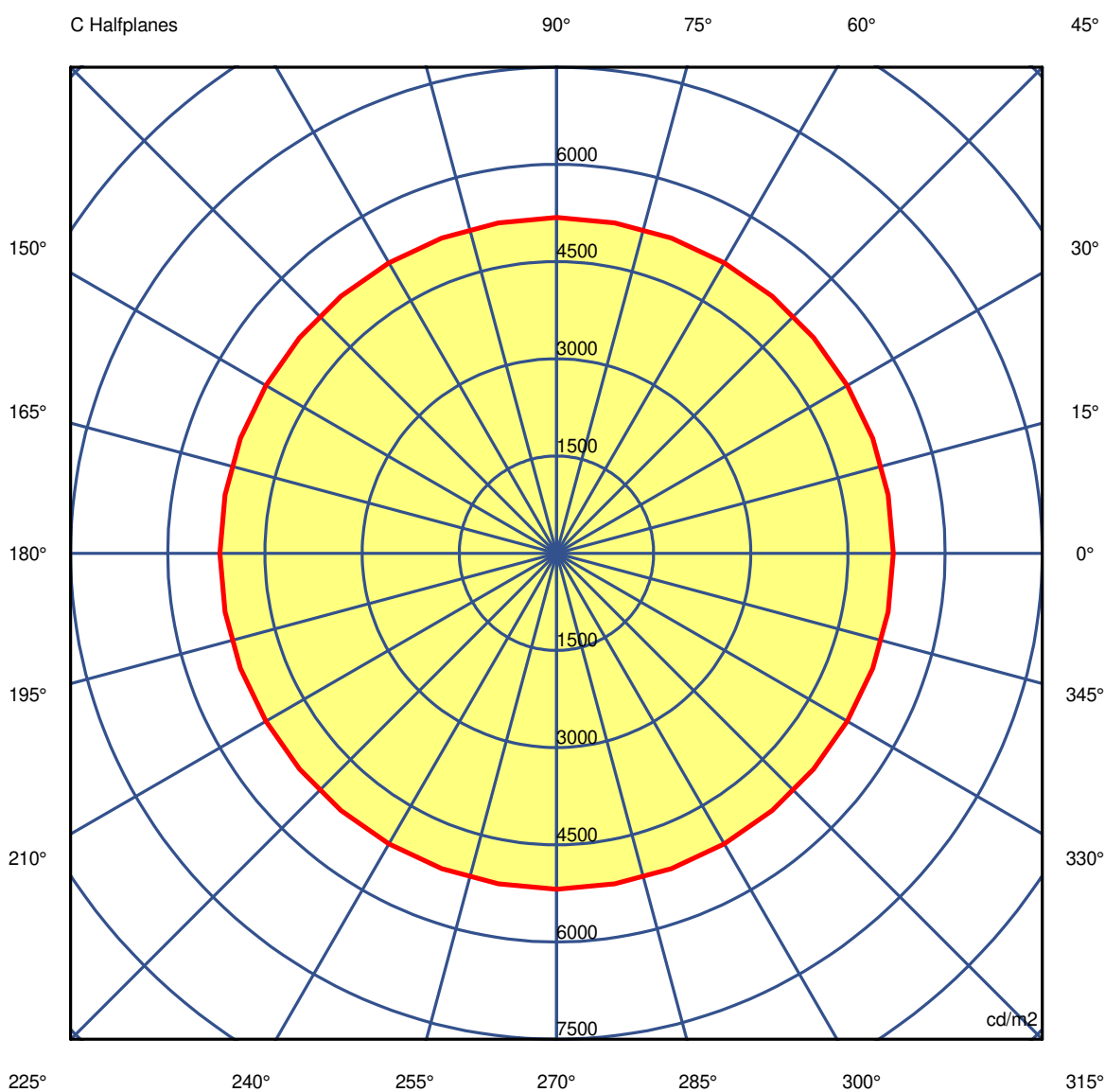
Measurem.

Code 4/8/2023

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Luminaire Flux	2896 lm	Luminaire Power	22.1 W	Efficacy	130.985 lm/W	Efficiency	76.86%
Source Flux	3768 lm	Maximum value	229.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90590L400

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Measurement

Code 4/8/2023

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Luminaire Flux	2896 lm		Luminaire Power		22.1 W		Efficacy		130.985 lm/W		Efficiency		76.86%	
Source Flux	3768 lm		Maximum value		229.60 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	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628	
G 5.0	7426	7428	7430	7432	7433	7431	7429	7434	7435	7429	7435	7434	7429	
G 10.0	7218	7218	7218	7218	7214	7210	7209	7208	7209	7212	7209	7208	7209	
G 15.0	6970	6974	6980	6983	6976	6973	6976	6976	6976	6976	6976	6976	6976	
G 20.0	6724	6722	6721	6721	6717	6713	6711	6713	6716	6718	6716	6713	6711	
G 25.0	6446	6446	6446	6443	6441	6440	6440	6440	6441	6443	6441	6440	6440	
G 30.0	6158	6161	6160	6154	6147	6145	6148	6148	6150	6158	6150	6148	6148	
G 35.0	5853	5851	5850	5850	5846	5842	5840	5837	5839	5847	5839	5837	5840	
G 40.0	5534	5534	5533	5527	5517	5513	5513	5513	5515	5520	5515	5513	5513	
G 45.0	5197	5197	5192	5182	5180	5178	5178	5178	5180	5186	5180	5178	5178	
G 50.0	4843	4838	4834	4831	4829	4825	4820	4821	4826	4831	4826	4821	4820	
G 55.0	4472	4472	4467	4455	4448	4447	4447	4443	4446	4459	4446	4443	4447	
G 60.0	4072	4072	4067	4054	4044	4038	4036	4035	4038	4045	4038	4035	4036	
G 65.0	3631	3625	3618	3612	3602	3592	3587	3589	3595	3602	3595	3589	3587	
G 70.0	3139	3136	3130	3117	3097	3090	3090	3090	3095	3112	3095	3090	3090	
G 75.0	2576	2563	2553	2545	2538	2526	2514	2516	2524	2533	2524	2516	2514	
G 80.0	1924	1909	1895	1880	1866	1851	1836	1824	1824	1836	1824	1824	1836	
G 85.0	1111	1099	1087	1066	1025	986	967	967	967	967	967	967	967	
G 90.0	443	443	436	420	413	399	373	349	330	315	330	349	373	

Luminaire

Code 90590L400

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Measurem.

Code 4/8/2023

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Luminaire Flux	2896 lm	Luminaire Power	22.1 W	Efficacy	130.985 lm/W	Efficiency	76.86%
Source Flux	3768 lm	Maximum value	229.60 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	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628
G 5.0	7431	7433	7432	7430	7428	7426	7428	7430	7432	7433	7431	7429	7434
G 10.0	7210	7214	7218	7218	7218	7218	7218	7218	7218	7214	7210	7209	7208
G 15.0	6973	6976	6983	6980	6974	6970	6974	6980	6983	6976	6973	6976	6976
G 20.0	6713	6717	6721	6721	6722	6724	6722	6721	6721	6717	6713	6711	6713
G 25.0	6440	6441	6443	6446	6446	6446	6446	6446	6443	6441	6440	6440	6440
G 30.0	6145	6147	6154	6160	6161	6158	6161	6160	6154	6147	6145	6148	6148
G 35.0	5842	5846	5850	5850	5851	5853	5851	5850	5850	5846	5842	5840	5837
G 40.0	5513	5517	5527	5533	5534	5534	5534	5533	5527	5517	5513	5513	5513
G 45.0	5178	5180	5182	5192	5197	5197	5197	5192	5182	5180	5178	5178	5178
G 50.0	4825	4829	4831	4834	4838	4843	4838	4834	4831	4829	4825	4820	4821
G 55.0	4447	4448	4455	4467	4472	4472	4472	4467	4455	4448	4447	4447	4443
G 60.0	4038	4044	4054	4067	4072	4072	4072	4067	4054	4044	4038	4036	4035
G 65.0	3592	3602	3612	3618	3625	3631	3625	3618	3612	3602	3592	3587	3589
G 70.0	3090	3097	3117	3130	3136	3139	3136	3130	3117	3097	3090	3090	3090
G 75.0	2526	2538	2545	2553	2563	2576	2563	2553	2545	2538	2526	2514	2516
G 80.0	1851	1866	1880	1895	1909	1924	1909	1895	1880	1866	1851	1836	1824
G 85.0	986	1025	1066	1087	1099	1111	1099	1087	1066	1025	986	967	967
G 90.0	399	413	420	436	443	443	443	436	420	413	399	373	349

Luminaire

Code 90590L400

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Measurem.

Code 4/8/2023

Name ROFY 60 D/I D0400 LIGHT+ 830 LO

Luminaire Flux	2896 lm	Luminaire Power	22.1 W	Efficacy	130.985 lm/W	Efficiency	76.86%
Source Flux	3768 lm	Maximum value	229.60 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	7628	7628	7628	7628	7628	7628	7628	7628	7628	7628
G 5.0	7435	7429	7435	7434	7429	7431	7433	7432	7430	7428
G 10.0	7209	7212	7209	7208	7209	7210	7214	7218	7218	7218
G 15.0	6976	6976	6976	6976	6976	6973	6976	6983	6980	6974
G 20.0	6716	6718	6716	6713	6711	6713	6717	6721	6721	6722
G 25.0	6441	6443	6441	6440	6440	6440	6441	6443	6446	6446
G 30.0	6150	6158	6150	6148	6148	6145	6147	6154	6160	6161
G 35.0	5839	5847	5839	5837	5840	5842	5846	5850	5850	5851
G 40.0	5515	5520	5515	5513	5513	5513	5517	5527	5533	5534
G 45.0	5180	5186	5180	5178	5178	5178	5180	5182	5192	5197
G 50.0	4826	4831	4826	4821	4820	4825	4829	4831	4834	4838
G 55.0	4446	4459	4446	4443	4447	4447	4448	4455	4467	4472
G 60.0	4038	4045	4038	4035	4036	4038	4044	4054	4067	4072
G 65.0	3595	3602	3595	3589	3587	3592	3602	3612	3618	3625
G 70.0	3095	3112	3095	3090	3090	3090	3097	3117	3130	3136
G 75.0	2524	2533	2524	2516	2514	2526	2538	2545	2553	2563
G 80.0	1824	1836	1824	1824	1836	1851	1866	1880	1895	1909
G 85.0	967	967	967	967	967	986	1025	1066	1087	1099
G 90.0	330	315	330	349	373	399	413	420	436	443