

Luminaire

Code 90589L115

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Measurem.

Code 26/7/2023

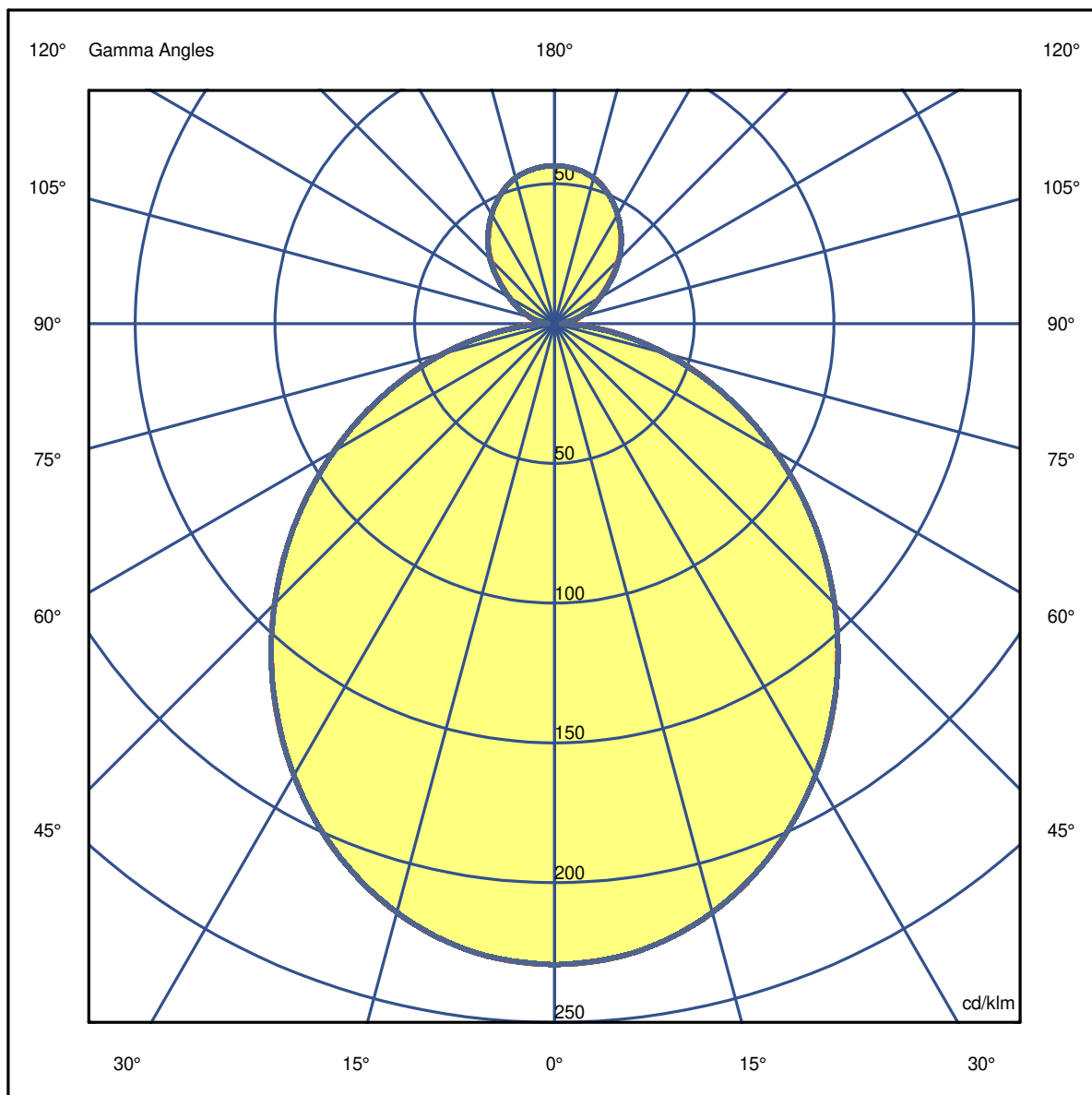
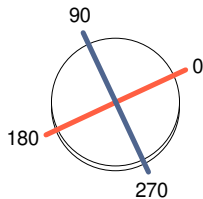
Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Luminaire Flux	18603 lm	Luminaire Power	136.9 W	Efficacy	135.890 lm/W	Efficiency	76.33%
Source Flux	24372 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 90589L115
Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Measurem.

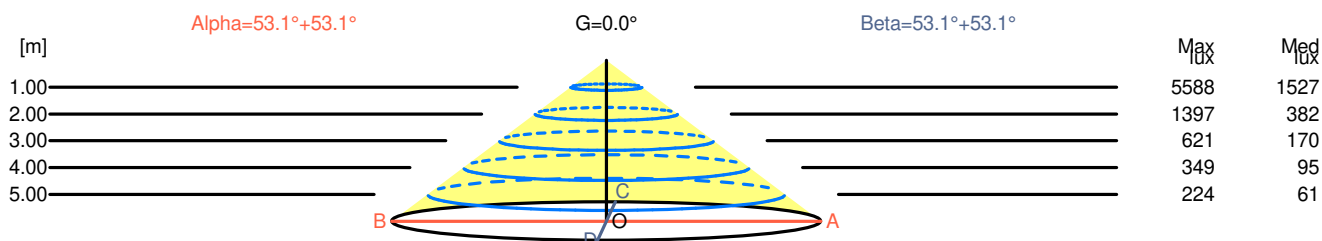
Code 26/7/2023
Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Luminaire Flux	18603 lm	Luminaire Power	136.9 W	Efficacy	135.890 lm/W	Efficiency	76.33%
Source Flux	24372 lm	Maximum value	229.30 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	1.33	2.67	4.00	5.33	6.67	OC	1.33	2.67	4.00	5.33	6.66
OB	1.33	2.67	4.00	5.33	6.67	OD	1.33	2.67	4.00	5.33	6.66

	0	5	15	25	35	45	55	65	75	85
OA	5588.50	5559.25	5315.53	4850.03	4211.48	3455.95	2639.49	1803.53	1001.69	302.21
OB	5588.50	5559.25	5315.53	4850.03	4211.48	3455.95	2639.49	1803.53	1001.69	302.21
OC	5588.50	5556.82	5313.10	4847.59	4206.61	3451.08	2637.05	1805.97	996.81	268.09
OD	5588.50	5556.82	5313.10	4847.59	4206.61	3451.08	2637.05	1805.97	996.81	268.09



H[m]	D[m]	Max lux	Med lux	Alpha=53.1°+53.1°	G=0.0	
1.00	2.67	5588	1527			
2.00	5.33	1397	382			
3.00	8.00	621	170			
4.00	10.67	349	95			
5.00	13.33	224	61			

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0	
1.00	2.67	5588	1527			
2.00	5.33	1397	382			
3.00	8.00	621	170			
4.00	10.66	349	95			
5.00	13.33	224	61			

Luminaire

Code 90589L115

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Luminaire Flux	18603 lm	Luminaire Power	136.9 W	Efficacy	135.890 lm/W	Efficiency	76.33%
Source Flux	24372 lm	Maximum value	229.30 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	Lateral View					Viewed Endwise				
x=2H y=2H	16.2	17.3	16.8	17.8	18.4	16.2	17.3	16.8	17.8	18.4
x=2H y=3H	17.6	18.6	18.2	19.2	19.8	17.6	18.6	18.2	19.2	19.8
x=2H y=4H	18.2	19.1	18.8	19.7	20.3	18.2	19.1	18.8	19.7	20.3
x=2H y=6H	18.6	19.4	19.2	20.0	20.7	18.6	19.4	19.2	20.0	20.7
x=2H y=8H	18.7	19.5	19.3	20.1	20.8	18.7	19.5	19.3	20.1	20.8
x=2H y=12H	18.7	19.5	19.4	20.1	20.8	18.7	19.4	19.3	20.1	20.8
x=4H y=2H	16.8	17.7	17.4	18.3	18.9	16.8	17.7	17.4	18.3	19.0
x=4H y=3H	18.4	19.1	19.0	19.7	20.5	18.4	19.1	19.0	19.7	20.5
x=4H y=4H	19.0	19.7	19.7	20.4	21.1	19.0	19.7	19.7	20.4	21.1
x=4H y=6H	19.5	20.1	20.2	20.8	21.6	19.5	20.1	20.2	20.8	21.6
x=4H y=8H	19.7	20.2	20.4	20.9	21.7	19.7	20.2	20.4	20.9	21.7
x=4H y=12H	19.8	20.3	20.5	21.0	21.8	19.7	20.2	20.4	20.9	21.7
x=8H y=4H	19.2	19.8	19.9	20.5	21.3	19.2	19.8	19.9	20.5	21.3
x=8H y=6H	19.9	20.3	20.6	21.0	21.8	19.8	20.3	20.6	21.0	21.8
x=8H y=8H	20.1	20.5	20.8	21.2	22.0	20.0	20.4	20.8	21.2	22.0
x=8H y=12H	20.2	20.6	21.0	21.3	22.2	20.2	20.5	20.9	21.3	22.1
x=12H y=4H	19.2	19.7	19.9	20.4	21.2	19.2	19.7	19.9	20.4	21.2
x=12H y=6H	19.9	20.3	20.6	21.0	21.8	19.9	20.3	20.6	21.0	21.8
x=12H y=8H	20.1	20.5	20.9	21.2	22.1	20.1	20.4	20.9	21.2	22.1

Luminaire

Code 90589L115

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

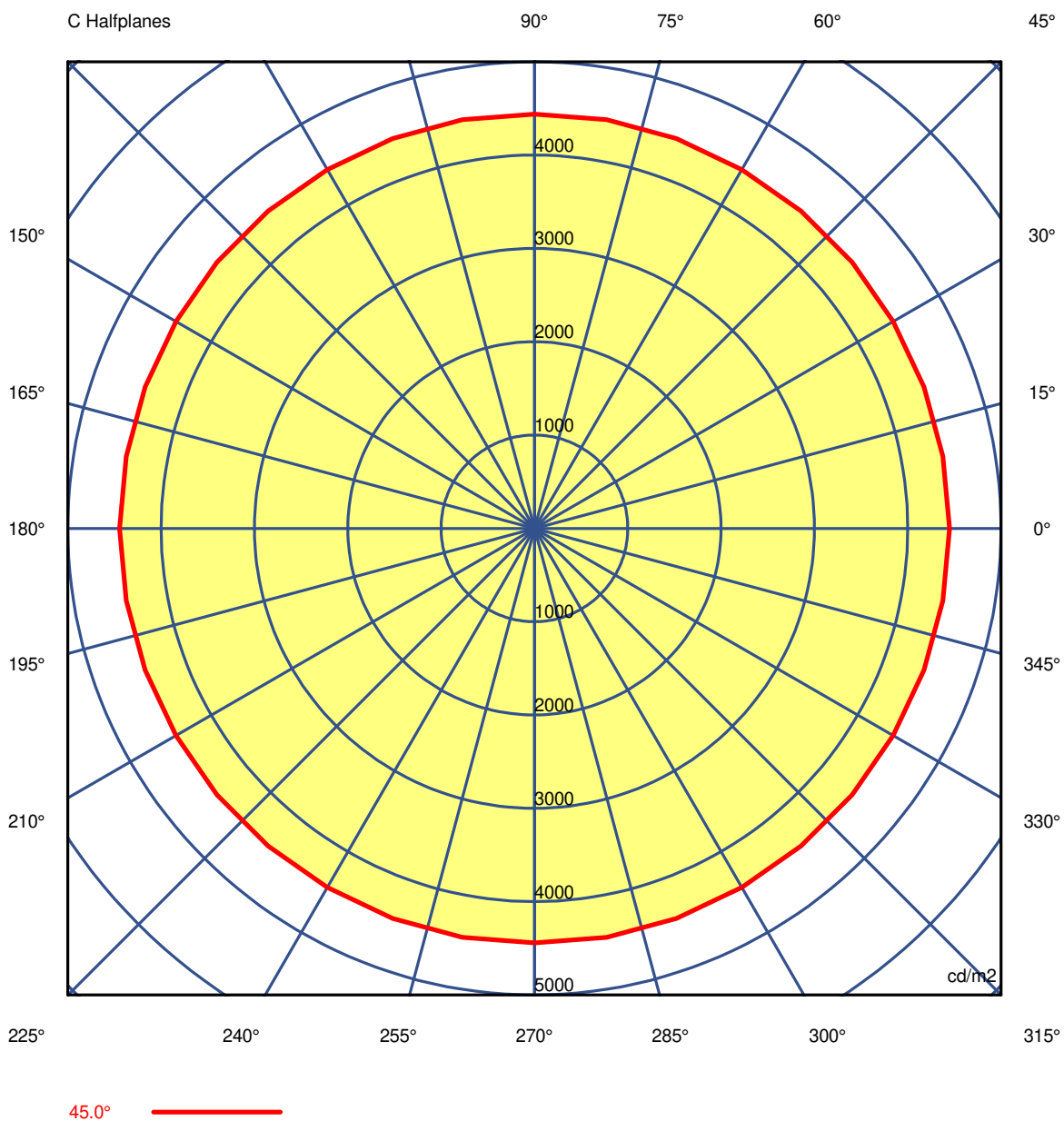
Measurem.

Code 26/7/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Luminaire Flux	18603 lm	Luminaire Power	136.9 W	Efficacy	135.890 lm/W	Efficiency	76.33%
Source Flux	24372 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90589L115

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Luminaire Flux	18603 lm		Luminaire Power		136.9 W		Efficacy		135.890 lm/W		Efficiency		76.33%	
Source Flux	24372 lm		Maximum value		229.30 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	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	
G 5.0	5518	5516	5516	5518	5518	5518	5518	5518	5518	5516	5518	5518	5518	
G 10.0	5443	5441	5440	5441	5443	5443	5443	5445	5445	5443	5445	5445	5443	
G 15.0	5350	5348	5348	5350	5351	5349	5348	5349	5350	5348	5350	5349	5348	
G 20.0	5236	5236	5236	5236	5236	5235	5233	5235	5236	5236	5236	5235	5233	
G 25.0	5108	5104	5102	5103	5105	5104	5103	5106	5108	5105	5108	5106	5103	
G 30.0	4962	4960	4959	4959	4959	4959	4959	4961	4962	4962	4962	4961	4959	
G 35.0	4804	4800	4798	4799	4801	4801	4799	4801	4801	4799	4801	4801	4799	
G 40.0	4628	4623	4622	4625	4625	4625	4625	4627	4629	4631	4629	4627	4625	
G 45.0	4447	4443	4439	4438	4440	4441	4441	4448	4450	4441	4450	4448	4441	
G 50.0	4249	4237	4238	4245	4241	4238	4242	4244	4246	4249	4246	4244	4242	
G 55.0	4037	4028	4023	4022	4021	4024	4029	4029	4030	4033	4030	4029	4029	
G 60.0	3798	3792	3788	3785	3782	3781	3785	3795	3798	3794	3798	3795	3785	
G 65.0	3530	3524	3517	3511	3510	3512	3516	3522	3529	3535	3529	3522	3516	
G 70.0	3223	3207	3198	3195	3191	3190	3195	3199	3204	3212	3204	3199	3195	
G 75.0	2843	2822	2812	2808	2798	2794	2801	2816	2826	2829	2826	2816	2801	
G 80.0	2340	2336	2322	2304	2291	2278	2267	2277	2292	2304	2292	2277	2267	
G 85.0	1651	1613	1585	1557	1515	1468	1438	1443	1457	1464	1457	1443	1438	
G 90.0	964	947	932	913	883	839	787	734	691	660	691	734	787	

Luminaire

Code 90589L115

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Luminaire Flux	18603 lm		Luminaire Power		136.9 W		Efficacy		135.890 lm/W		Efficiency		76.33%		
Source Flux	24372 lm		Maximum value		229.30 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	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572	
G 5.0	5518	5518	5518	5516	5516	5518	5516	5516	5518	5518	5518	5518	5518	5518	
G 10.0	5443	5443	5441	5440	5441	5443	5441	5440	5441	5443	5443	5443	5445	5445	
G 15.0	5349	5351	5350	5348	5348	5350	5348	5348	5350	5351	5349	5348	5349	5349	
G 20.0	5235	5236	5236	5236	5236	5236	5236	5236	5236	5236	5235	5233	5235	5235	
G 25.0	5104	5105	5103	5102	5104	5108	5104	5102	5103	5105	5104	5103	5106	5106	
G 30.0	4959	4959	4959	4959	4960	4962	4960	4959	4959	4959	4959	4959	4959	4961	
G 35.0	4801	4801	4799	4798	4800	4804	4800	4798	4799	4801	4801	4799	4801	4801	
G 40.0	4625	4625	4625	4622	4623	4628	4623	4622	4625	4625	4625	4625	4627	4627	
G 45.0	4441	4440	4438	4439	4443	4447	4443	4439	4438	4440	4441	4441	4448	4448	
G 50.0	4238	4241	4245	4238	4237	4249	4237	4238	4245	4241	4238	4242	4244	4244	
G 55.0	4024	4021	4022	4023	4028	4037	4028	4023	4022	4021	4024	4029	4029	4029	
G 60.0	3781	3782	3785	3788	3792	3798	3792	3788	3785	3782	3781	3785	3795	3795	
G 65.0	3512	3510	3511	3517	3524	3530	3524	3517	3511	3510	3512	3516	3522	3522	
G 70.0	3190	3191	3195	3198	3207	3223	3207	3198	3195	3191	3190	3195	3199	3199	
G 75.0	2794	2798	2808	2812	2822	2843	2822	2812	2808	2798	2794	2801	2816	2816	
G 80.0	2278	2291	2304	2322	2336	2340	2336	2322	2304	2291	2278	2267	2277	2277	
G 85.0	1468	1515	1557	1585	1613	1651	1613	1585	1557	1515	1468	1438	1443	1443	
G 90.0	839	883	913	932	947	964	947	932	913	883	839	787	734	734	

Luminaire

Code 90589L115

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 HO

Luminaire Flux	18603 lm	Luminaire Power	136.9 W	Efficacy	135.890 lm/W	Efficiency	76.33%
Source Flux	24372 lm	Maximum value	229.30 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	5572	5572	5572	5572	5572	5572	5572	5572	5572	5572
G 5.0	5518	5516	5518	5518	5518	5518	5518	5518	5516	5516
G 10.0	5445	5443	5445	5445	5443	5443	5443	5441	5440	5441
G 15.0	5350	5348	5350	5349	5348	5349	5351	5350	5348	5348
G 20.0	5236	5236	5236	5235	5233	5235	5236	5236	5236	5236
G 25.0	5108	5105	5108	5106	5103	5104	5105	5103	5102	5104
G 30.0	4962	4962	4962	4961	4959	4959	4959	4959	4959	4960
G 35.0	4801	4799	4801	4801	4799	4801	4801	4799	4798	4800
G 40.0	4629	4631	4629	4627	4625	4625	4625	4625	4622	4623
G 45.0	4450	4441	4450	4448	4441	4441	4440	4438	4439	4443
G 50.0	4246	4249	4246	4244	4242	4238	4241	4245	4238	4237
G 55.0	4030	4033	4030	4029	4029	4024	4021	4022	4023	4028
G 60.0	3798	3794	3798	3795	3785	3781	3782	3785	3788	3792
G 65.0	3529	3535	3529	3522	3516	3512	3510	3511	3517	3524
G 70.0	3204	3212	3204	3199	3195	3190	3191	3195	3198	3207
G 75.0	2826	2829	2826	2816	2801	2794	2798	2808	2812	2822
G 80.0	2292	2304	2292	2277	2267	2278	2291	2304	2322	2336
G 85.0	1457	1464	1457	1443	1438	1468	1515	1557	1585	1613
G 90.0	691	660	691	734	787	839	883	913	932	947