

Luminaire

Code 90590L115
Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Measurem.

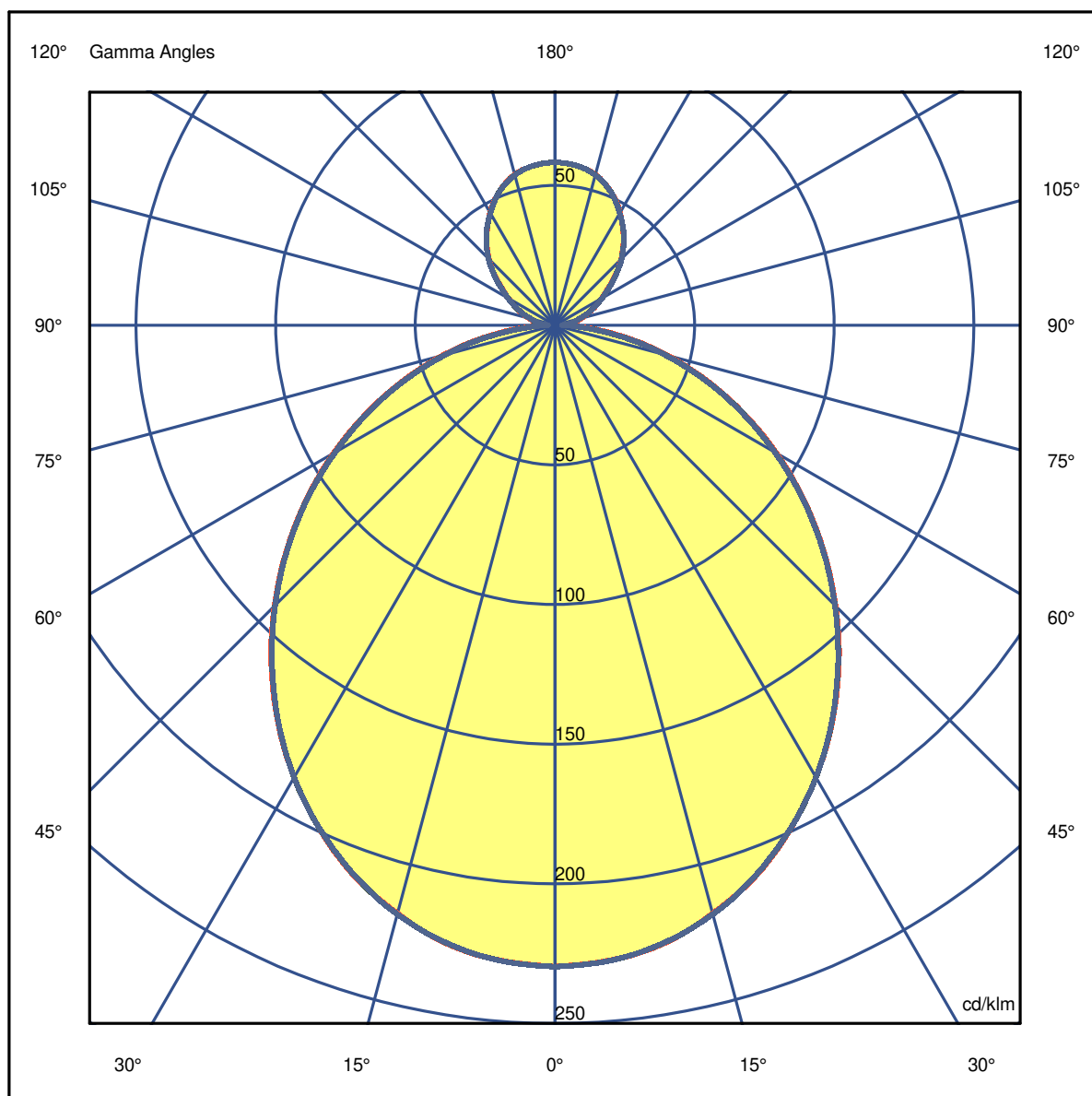
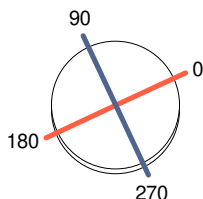
Code 4/8/2023
Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Luminaire Flux	15775 lm	Luminaire Power	113.9 W	Efficacy	138.460 lm/W	Efficiency	76.86%
Source Flux	20524 lm	Maximum value	229.60 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 90590L115

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Measurem.

Code 4/8/2023

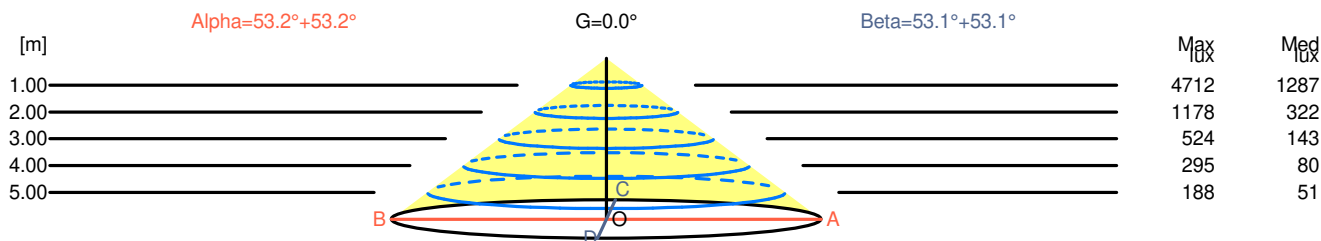
Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Luminaire Flux	15775 lm	Luminaire Power	113.9 W	Efficacy	138.460 lm/W	Efficiency	76.86%
Source Flux	20524 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	4712.31	4683.58	4476.28	4088.38	3552.70	2916.46	2228.91	1526.99	849.69	254.50
OB	4712.31	4683.58	4476.28	4088.38	3552.70	2916.46	2228.91	1526.99	849.69	254.50
OC	4712.31	4685.63	4480.39	4086.33	3548.60	2910.30	2222.75	1514.67	835.33	221.66
OD	4712.31	4685.63	4480.39	4086.33	3548.60	2910.30	2222.75	1514.67	835.33	221.66



H[m]	D[m]	Max lux	Med lux	Alpha=53.2°+53.2°	G=0.0
1.00	2.67	4712	1287		
2.00	5.34	1178	322		
3.00	8.01	524	143		
4.00	10.68	295	80		
5.00	13.35	188	51		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.66	4712	1287		
2.00	5.33	1178	322		
3.00	7.99	524	143		
4.00	10.65	295	80		
5.00	13.32	188	51		

Luminaire

Code 90590L115

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Measurement

Code 4/8/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Luminaire Flux	15775 lm	Luminaire Power	113.9 W	Efficacy	138.460 lm/W	Efficiency	76.86%
Source Flux	20524 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	15.6	16.7	16.2	17.3	17.9	15.6	16.7	16.2	17.2	17.8
x=2H y=3H	17.0	18.0	17.6	18.6	19.2	17.0	18.0	17.6	18.5	19.2
x=2H y=4H	17.6	18.5	18.2	19.1	19.8	17.5	18.4	18.1	19.0	19.7
x=2H y=6H	18.0	18.8	18.6	19.4	20.1	17.9	18.7	18.5	19.3	20.0
x=2H y=8H	18.1	18.9	18.7	19.5	20.2	18.0	18.8	18.6	19.4	20.1
x=2H y=12H	18.1	18.9	18.8	19.5	20.3	18.0	18.8	18.7	19.4	20.1
x=4H y=2H	16.2	17.1	16.8	17.7	18.3	16.2	17.1	16.8	17.6	18.3
x=4H y=3H	17.8	18.5	18.4	19.2	19.9	17.7	18.5	18.4	19.1	19.8
x=4H y=4H	18.4	19.1	19.1	19.8	20.5	18.4	19.0	19.0	19.7	20.4
x=4H y=6H	18.9	19.5	19.6	20.2	21.0	18.9	19.4	19.5	20.1	20.9
x=4H y=8H	19.1	19.6	19.8	20.3	21.1	19.0	19.5	19.7	20.2	21.0
x=4H y=12H	19.2	19.7	19.9	20.4	21.2	19.1	19.5	19.8	20.2	21.1
x=8H y=4H	18.7	19.2	19.4	19.9	20.7	18.6	19.1	19.3	19.8	20.6
x=8H y=6H	19.3	19.7	20.0	20.4	21.2	19.2	19.6	19.9	20.3	21.2
x=8H y=8H	19.5	19.9	20.2	20.6	21.5	19.4	19.8	20.1	20.5	21.4
x=8H y=12H	19.7	20.0	20.4	20.7	21.6	19.5	19.8	20.3	20.6	21.5
x=12H y=4H	18.6	19.1	19.3	19.8	20.6	18.6	19.1	19.3	19.8	20.6
x=12H y=6H	19.3	19.7	20.0	20.4	21.3	19.2	19.6	20.0	20.3	21.2
x=12H y=8H	19.6	19.9	20.3	20.6	21.5	19.5	19.8	20.2	20.5	21.4

Luminaire

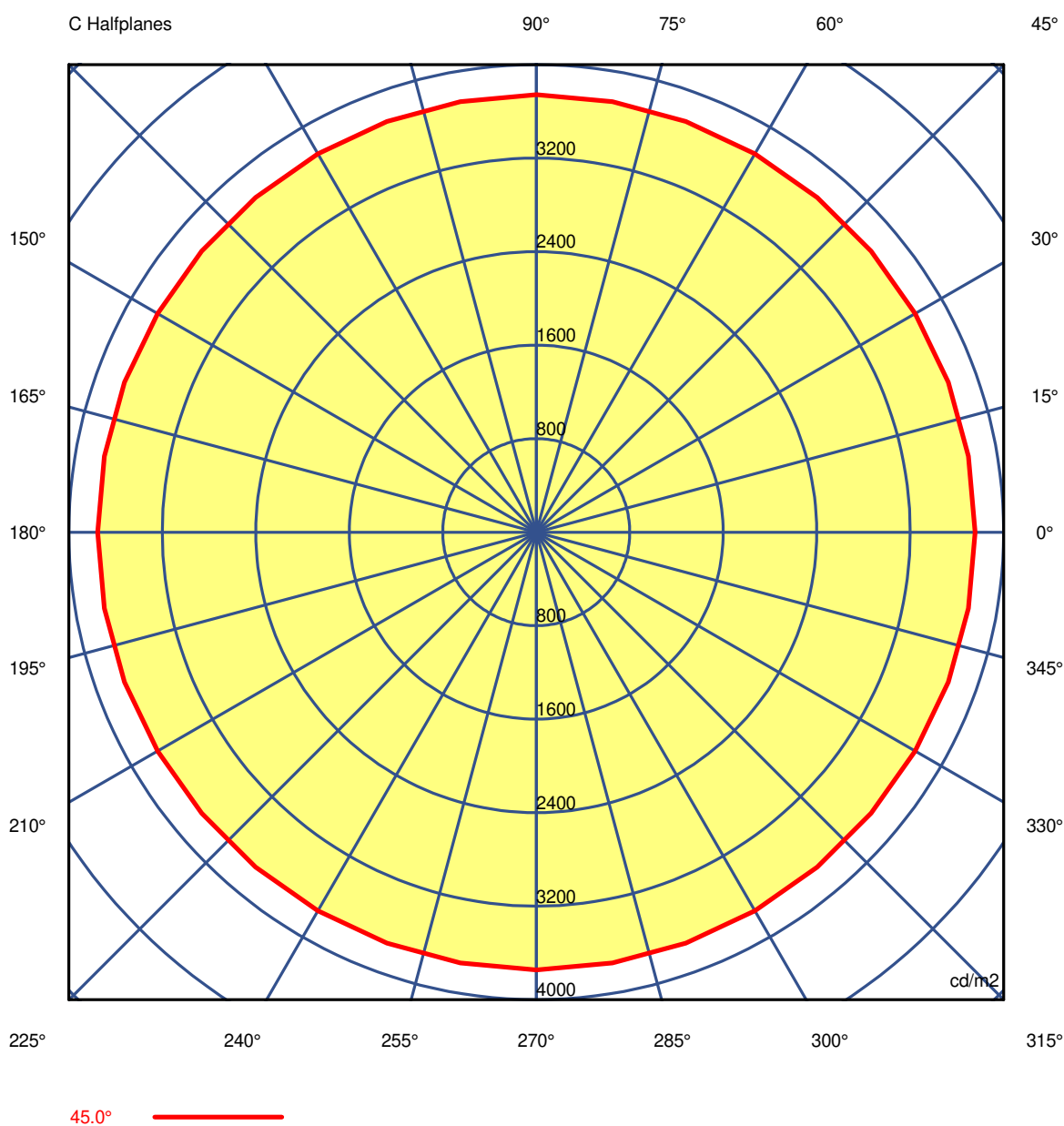
Code 90590L115
Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Measurem.

Code 4/8/2023
Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Luminaire Flux	15775 lm	Luminaire Power	113.9 W	Efficacy	138.460 lm/W	Efficiency	76.86%
Source Flux	20524 lm	Maximum value	229.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90590L115

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Measurement

Code 4/8/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Luminaire Flux	15775 lm		Luminaire Power		113.9 W		Efficacy		138.460 lm/W		Efficiency		76.86%	
Source Flux	20524 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	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699	
G 5.0	4649	4650	4652	4653	4654	4652	4651	4654	4655	4651	4655	4654	4651	
G 10.0	4592	4592	4592	4592	4589	4587	4586	4586	4586	4588	4586	4586	4586	
G 15.0	4505	4508	4512	4514	4509	4507	4509	4509	4509	4509	4509	4509	4509	
G 20.0	4417	4416	4415	4415	4413	4410	4409	4410	4412	4413	4412	4410	4409	
G 25.0	4306	4306	4305	4304	4302	4301	4301	4301	4302	4304	4302	4301	4301	
G 30.0	4185	4187	4187	4183	4178	4176	4179	4179	4180	4185	4180	4179	4179	
G 35.0	4053	4051	4050	4050	4047	4045	4043	4041	4043	4048	4043	4041	4043	
G 40.0	3910	3910	3909	3905	3897	3895	3895	3895	3896	3900	3896	3895	3895	
G 45.0	3753	3753	3750	3743	3741	3740	3740	3740	3741	3745	3741	3740	3740	
G 50.0	3586	3582	3579	3578	3576	3573	3569	3570	3574	3578	3574	3570	3569	
G 55.0	3409	3409	3405	3396	3391	3390	3390	3387	3389	3399	3389	3387	3390	
G 60.0	3212	3212	3209	3198	3190	3186	3184	3183	3186	3191	3186	3183	3184	
G 65.0	2989	2983	2978	2973	2965	2957	2953	2954	2959	2965	2959	2954	2953	
G 70.0	2729	2726	2721	2710	2692	2686	2686	2686	2690	2705	2690	2686	2686	
G 75.0	2412	2399	2390	2382	2376	2364	2353	2355	2363	2371	2363	2355	2353	
G 80.0	2009	1993	1978	1963	1947	1932	1917	1904	1904	1917	1904	1904	1917	
G 85.0	1390	1375	1360	1334	1282	1234	1211	1211	1211	1211	1211	1211	1211	
G 90.0	812	812	799	769	757	731	684	639	604	577	604	639	684	

Luminaire

Code 90590L115

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Measurement

Code 4/8/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Luminaire Flux	15775 lm		Luminaire Power		113.9 W		Efficacy		138.460 lm/W		Efficiency		76.86%	
Source Flux	20524 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	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699	
G 5.0	4652	4654	4653	4652	4650	4649	4650	4652	4653	4654	4652	4651	4654	
G 10.0	4587	4589	4592	4592	4592	4592	4592	4592	4592	4589	4587	4586	4586	
G 15.0	4507	4509	4514	4512	4508	4505	4508	4512	4514	4509	4507	4509	4509	
G 20.0	4410	4413	4415	4415	4416	4417	4416	4415	4415	4413	4410	4409	4410	
G 25.0	4301	4302	4304	4305	4306	4306	4306	4305	4304	4302	4301	4301	4301	
G 30.0	4176	4178	4183	4187	4187	4185	4187	4187	4183	4178	4176	4179	4179	
G 35.0	4045	4047	4050	4050	4051	4053	4051	4050	4050	4047	4045	4043	4041	
G 40.0	3895	3897	3905	3909	3910	3910	3910	3909	3905	3897	3895	3895	3895	
G 45.0	3740	3741	3743	3750	3753	3753	3753	3750	3743	3741	3740	3740	3740	
G 50.0	3573	3576	3578	3579	3582	3586	3582	3579	3578	3576	3573	3569	3570	
G 55.0	3390	3391	3396	3405	3409	3409	3409	3405	3396	3391	3390	3390	3387	
G 60.0	3186	3190	3198	3209	3212	3212	3212	3209	3198	3190	3186	3184	3183	
G 65.0	2957	2965	2973	2978	2983	2989	2983	2978	2973	2965	2957	2953	2954	
G 70.0	2686	2692	2710	2721	2726	2729	2726	2721	2710	2692	2686	2686	2686	
G 75.0	2364	2376	2382	2390	2399	2412	2399	2390	2382	2376	2364	2353	2355	
G 80.0	1932	1947	1963	1978	1993	2009	1993	1978	1963	1947	1932	1917	1904	
G 85.0	1234	1282	1334	1360	1375	1390	1375	1360	1334	1282	1234	1211	1211	
G 90.0	731	757	769	799	812	812	812	799	769	757	731	684	639	

Luminaire

Code 90590L115

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Measurem.

Code 4/8/2023

Name ROFY 60 D/I D1150 LIGHT+ 830 LO

Luminaire Flux	15775 lm	Luminaire Power	113.9 W	Efficacy	138.460 lm/W	Efficiency	76.86%
Source Flux	20524 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	4699	4699	4699	4699	4699	4699	4699	4699	4699	4699
G 5.0	4655	4651	4655	4654	4651	4652	4654	4653	4652	4650
G 10.0	4586	4588	4586	4586	4586	4587	4589	4592	4592	4592
G 15.0	4509	4509	4509	4509	4509	4507	4509	4514	4512	4508
G 20.0	4412	4413	4412	4410	4409	4410	4413	4415	4415	4416
G 25.0	4302	4304	4302	4301	4301	4301	4302	4304	4305	4306
G 30.0	4180	4185	4180	4179	4179	4176	4178	4183	4187	4187
G 35.0	4043	4048	4043	4041	4043	4045	4047	4050	4050	4051
G 40.0	3896	3900	3896	3895	3895	3895	3897	3905	3909	3910
G 45.0	3741	3745	3741	3740	3740	3740	3741	3743	3750	3753
G 50.0	3574	3578	3574	3570	3569	3573	3576	3578	3579	3582
G 55.0	3389	3399	3389	3387	3390	3390	3391	3396	3405	3409
G 60.0	3186	3191	3186	3183	3184	3186	3190	3198	3209	3212
G 65.0	2959	2965	2959	2954	2953	2957	2965	2973	2978	2983
G 70.0	2690	2705	2690	2686	2686	2686	2692	2710	2721	2726
G 75.0	2363	2371	2363	2355	2353	2364	2376	2382	2390	2399
G 80.0	1904	1917	1904	1904	1917	1932	1947	1963	1978	1993
G 85.0	1211	1211	1211	1211	1211	1234	1282	1334	1360	1375
G 90.0	604	577	604	639	684	731	757	769	799	812