

Luminaire

Code 90593L115

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Measurem.

Code 26/7/2023

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

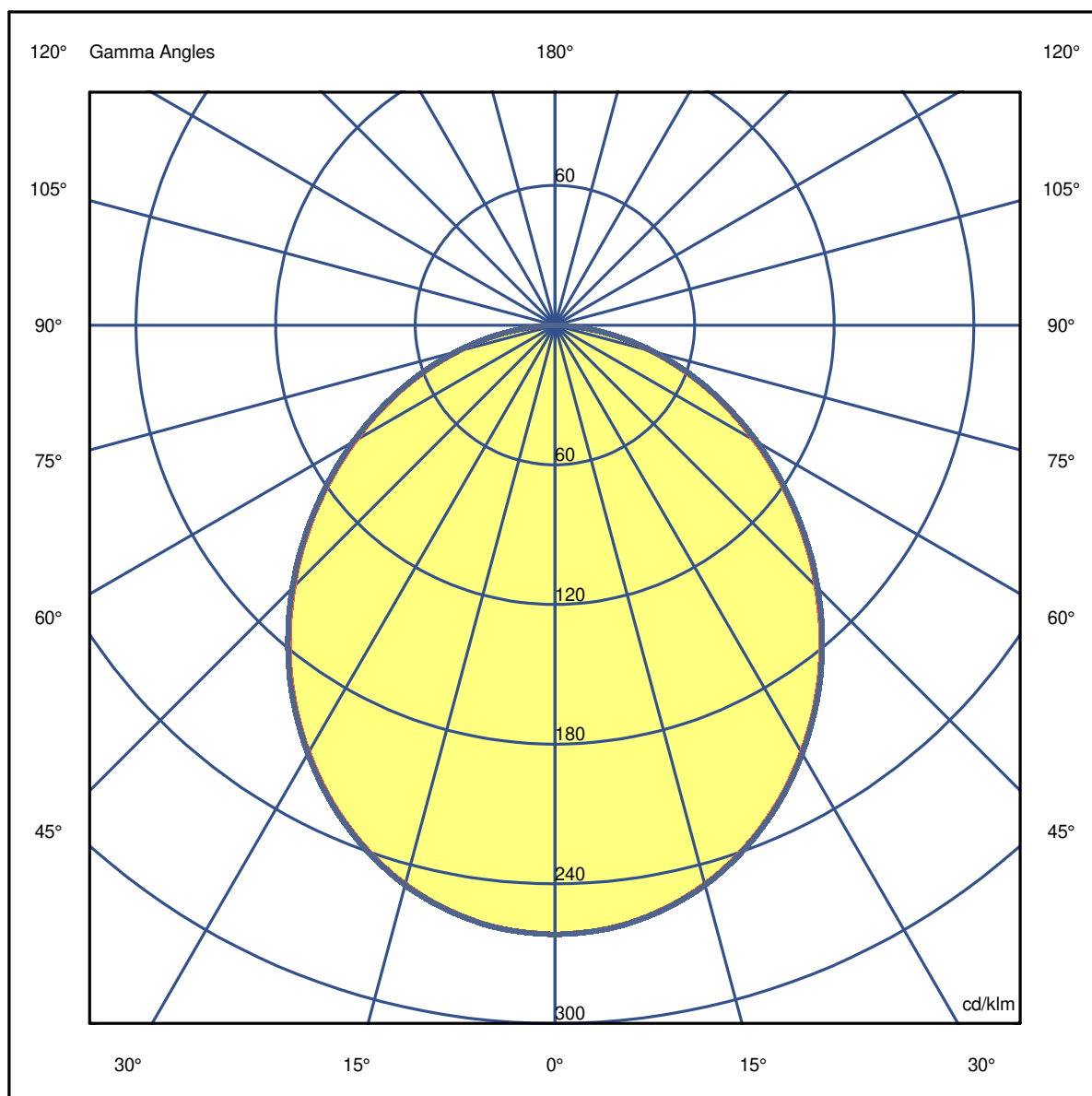
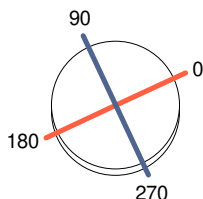
Luminaire Flux	17644 lm	Luminaire Power	136.9 W	Efficacy	128.882 lm/W	Efficiency	69.13%
Source Flux	25524 lm	Maximum value	261.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1268mm

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



Luminaire

Code 90593L115

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Measurem.

Code 26/7/2023

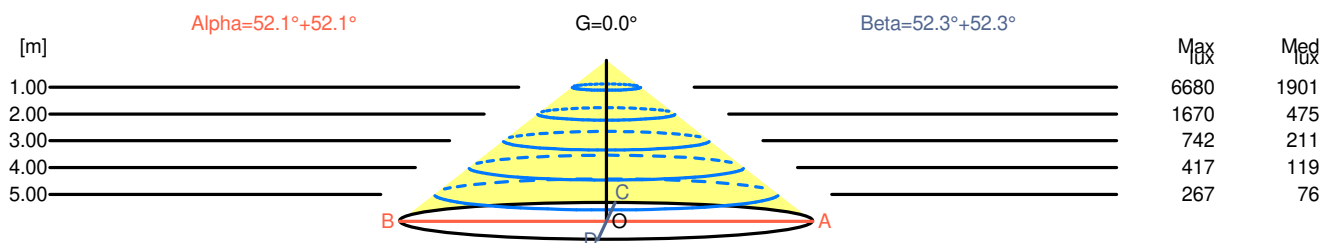
Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Luminaire Flux	17644 lm	Luminaire Power	136.9 W	Efficacy	128.882 lm/W	Efficiency	69.13%
Source Flux	25524 lm	Maximum value	261.70 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	1.28	2.57	3.85	5.13	6.42	OC	1.29	2.59	3.88	5.17	6.46
OB	1.28	2.57	3.85	5.13	6.42	OD	1.29	2.59	3.88	5.17	6.46

	0	5	15	25	35	45	55	65	75	85
OA	6679.63	6641.34	6347.82	5778.63	4997.60	4055.76	3039.91	2041.92	1097.53	273.11
OB	6679.63	6641.34	6347.82	5778.63	4997.60	4055.76	3039.91	2041.92	1097.53	273.11
OC	6679.63	6643.90	6355.48	5791.40	5012.91	4076.18	3060.33	2062.34	1123.06	280.76
OD	6679.63	6643.90	6355.48	5791.40	5012.91	4076.18	3060.33	2062.34	1123.06	280.76



H[m]	D[m]	Max lux	Med lux	Alpha=52.1°+52.1°	G=0.0	
1.00	2.57	6680	1901			
2.00	5.13	1670	475			
3.00	7.70	742	211			
4.00	10.27	417	119			
5.00	12.84	267	76			

H[m]	D[m]	Max lux	Med lux	Beta=52.3°+52.3°	G=0.0	
1.00	2.59	6680	1901			
2.00	5.17	1670	475			
3.00	7.76	742	211			
4.00	10.34	417	119			
5.00	12.93	267	76			

Luminaire

Code 90593L115

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Measurem.

Code 26/7/2023

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Luminaire Flux	17644 lm	Luminaire Power	136.9 W	Efficacy	128.882 lm/W	Efficiency	69.13%
Source Flux	25524 lm	Maximum value	261.70 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	x=2H	y=3H	x=2H	y=4H	x=2H	y=6H	x=2H	y=8H
x=2H y=2H	17.0	18.3	17.3	18.5	18.8	17.0	18.3	17.3	18.5	18.8
x=2H y=3H	18.3	19.5	18.7	19.8	20.0	18.4	19.6	18.7	19.8	20.1
x=2H y=4H	18.8	19.9	19.2	20.2	20.5	18.9	20.0	19.2	20.3	20.6
x=2H y=6H	19.2	20.2	19.5	20.5	20.8	19.3	20.3	19.6	20.6	20.9
x=2H y=8H	19.3	20.3	19.6	20.6	20.9	19.4	20.4	19.7	20.7	21.0
x=2H y=12H	19.3	20.2	19.7	20.6	20.9	19.4	20.3	19.8	20.7	21.0
x=4H y=2H	17.6	18.7	17.9	19.0	19.3	17.6	18.7	18.0	19.0	19.3
x=4H y=3H	19.1	20.1	19.5	20.4	20.7	19.2	20.1	19.5	20.4	20.8
x=4H y=4H	19.8	20.6	20.2	20.9	21.3	19.8	20.7	20.2	21.0	21.4
x=4H y=6H	20.2	21.0	20.6	21.3	21.7	20.3	21.0	20.7	21.4	21.8
x=4H y=8H	20.3	21.0	20.8	21.4	21.8	20.4	21.1	20.9	21.5	21.9
x=4H y=12H	20.4	21.0	20.8	21.4	21.9	20.5	21.1	20.9	21.5	21.9
x=8H y=4H	20.0	20.7	20.5	21.1	21.5	20.1	20.7	20.5	21.1	21.6
x=8H y=6H	20.6	21.1	21.0	21.6	22.0	20.6	21.2	21.1	21.6	22.1
x=8H y=8H	20.8	21.2	21.2	21.7	22.2	20.8	21.3	21.3	21.8	22.2
x=8H y=12H	20.9	21.3	21.4	21.8	22.3	21.0	21.4	21.4	21.8	22.3
x=12H y=4H	20.0	20.6	20.5	21.0	21.5	20.1	20.7	20.5	21.1	21.5
x=12H y=6H	20.6	21.1	21.1	21.6	22.0	20.7	21.2	21.2	21.6	22.1
x=12H y=8H	20.8	21.3	21.3	21.7	22.2	20.9	21.3	21.4	21.8	22.3

Luminaire

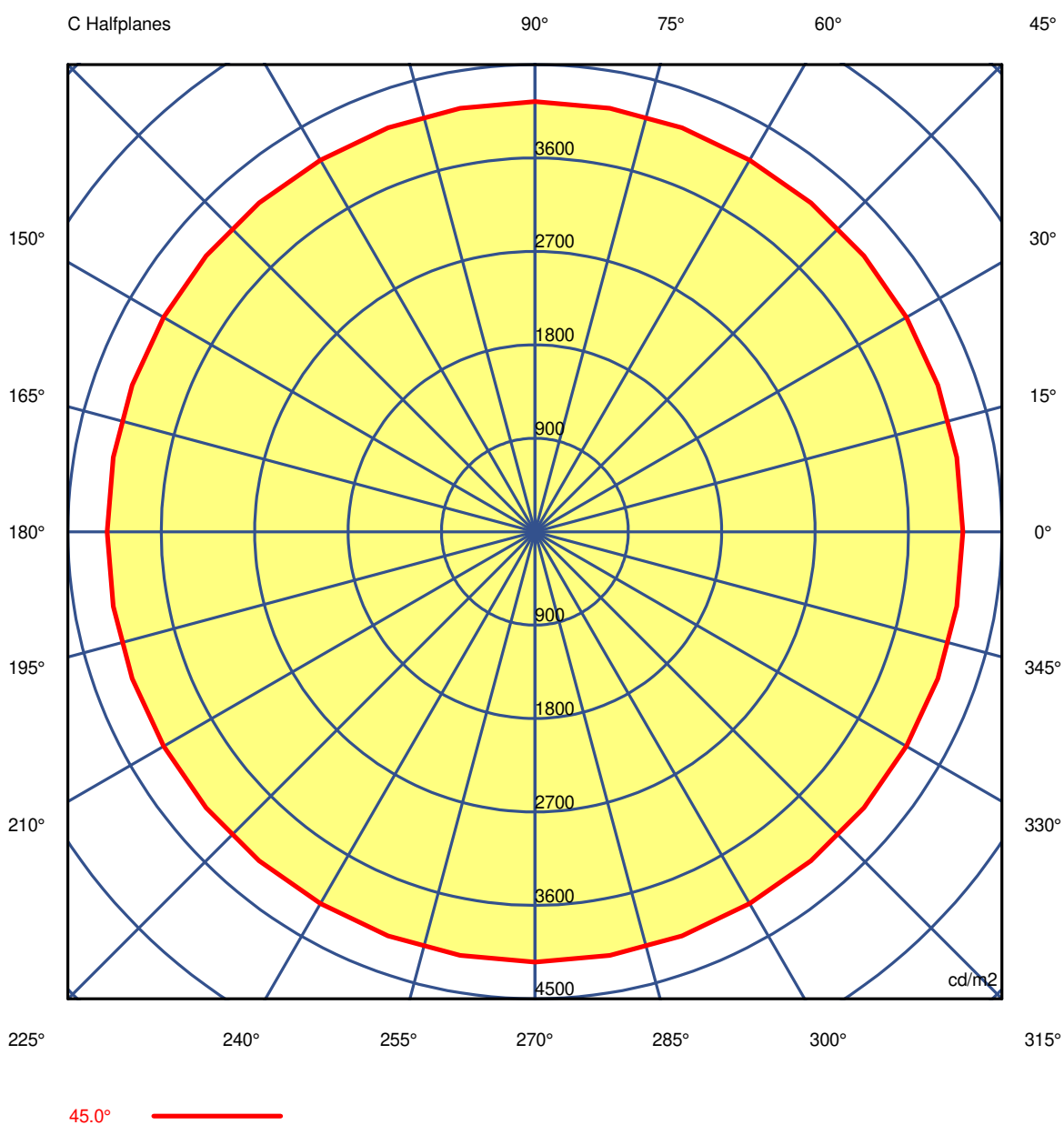
Code 90593L115
Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Measurem.

Code 26/7/2023
Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Luminaire Flux	17644 lm	Luminaire Power	136.9 W	Efficacy	128.882 lm/W	Efficiency	69.13%
Source Flux	25524 lm	Maximum value	261.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

Code 90593L115

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Measurem.

Code 26/7/2023

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Luminaire Flux	17644 lm	Luminaire Power	136.9 W	Efficacy	128.882 lm/W	Efficiency	69.13%						
Source Flux	25524 lm	Maximum value	261.70 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	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443
G 5.0	5370	5371	5372	5372	5372	5372	5372	5372	5372	5372	5372	5372	5372
G 10.0	5278	5280	5280	5280	5280	5280	5280	5282	5282	5282	5282	5282	5280
G 15.0	5170	5170	5171	5172	5172	5172	5172	5174	5175	5177	5175	5174	5172
G 20.0	5041	5042	5043	5043	5044	5046	5047	5049	5049	5047	5049	5049	5047
G 25.0	4891	4895	4896	4896	4897	4899	4900	4902	4902	4902	4902	4902	4900
G 30.0	4727	4727	4729	4732	4732	4733	4736	4740	4741	4738	4741	4740	4736
G 35.0	4547	4545	4544	4547	4552	4555	4556	4557	4559	4561	4559	4557	4556
G 40.0	4344	4346	4347	4349	4352	4354	4356	4361	4364	4361	4364	4361	4356
G 45.0	4124	4127	4130	4131	4135	4137	4137	4142	4144	4144	4144	4142	4137
G 50.0	3886	3886	3889	3895	3897	3898	3900	3902	3904	3908	3904	3902	3900
G 55.0	3627	3632	3635	3637	3638	3641	3646	3650	3652	3652	3652	3650	3646
G 60.0	3355	3357	3360	3365	3373	3377	3379	3381	3383	3386	3383	3381	3379
G 65.0	3061	3058	3059	3065	3073	3078	3080	3085	3090	3092	3090	3085	3080
G 70.0	2719	2722	2725	2728	2733	2741	2750	2757	2759	2759	2759	2757	2750
G 75.0	2307	2315	2319	2323	2333	2346	2355	2355	2356	2360	2356	2355	2355
G 80.0	1786	1791	1795	1800	1809	1819	1827	1833	1834	1834	1834	1833	1827
G 85.0	1011	1011	1014	1021	1027	1034	1040	1040	1040	1040	1040	1040	1040
G 90.0	203	203	203	203	203	203	203	203	203	203	203	203	203

Luminaire

Code 90593L115

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Measurem.

Code 26/7/2023

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Luminaire Flux	17644 lm	Luminaire Power		136.9 W		Efficacy		128.882 lm/W		Efficiency		69.13%	
Source Flux	25524 lm	Maximum value		261.70 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	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443
G 5.0	5372	5372	5372	5372	5371	5370	5371	5372	5372	5372	5372	5372	5372
G 10.0	5280	5280	5280	5280	5280	5278	5280	5280	5280	5280	5280	5280	5282
G 15.0	5172	5172	5172	5171	5170	5170	5170	5171	5172	5172	5172	5172	5174
G 20.0	5046	5044	5043	5043	5042	5041	5042	5043	5043	5044	5046	5047	5049
G 25.0	4899	4897	4896	4896	4895	4891	4895	4896	4896	4897	4899	4900	4902
G 30.0	4733	4732	4732	4729	4727	4727	4727	4729	4732	4732	4733	4736	4740
G 35.0	4555	4552	4547	4544	4545	4547	4545	4544	4547	4552	4555	4556	4557
G 40.0	4354	4352	4349	4347	4346	4344	4346	4347	4349	4352	4354	4356	4361
G 45.0	4137	4135	4131	4130	4127	4124	4127	4130	4131	4135	4137	4137	4142
G 50.0	3898	3897	3895	3889	3886	3886	3886	3889	3895	3897	3898	3900	3902
G 55.0	3641	3638	3637	3635	3632	3627	3632	3635	3637	3638	3641	3646	3650
G 60.0	3377	3373	3365	3360	3357	3355	3357	3360	3365	3373	3377	3379	3381
G 65.0	3078	3073	3065	3059	3058	3061	3058	3059	3065	3073	3078	3080	3085
G 70.0	2741	2733	2728	2725	2722	2719	2722	2725	2728	2733	2741	2750	2757
G 75.0	2346	2333	2323	2319	2315	2307	2315	2319	2323	2333	2346	2355	2355
G 80.0	1819	1809	1800	1795	1791	1786	1791	1795	1800	1809	1819	1827	1833
G 85.0	1034	1027	1021	1014	1011	1011	1011	1014	1021	1027	1034	1040	1040
G 90.0	203	203	203	203	203	203	203	203	203	203	203	203	203

Luminaire

Code 90593L115

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Measurem.

Code 26/7/2023

Name ROFY 60 /T D/I D1150 LIGHT+ K3 840 HO

Luminaire Flux	17644 lm	Luminaire Power	136.9 W	Efficacy	128.882 lm/W	Efficiency	69.13%
Source Flux	25524 lm	Maximum value	261.70 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	5443	5443	5443	5443	5443	5443	5443	5443	5443	5443
G 5.0	5372	5372	5372	5372	5372	5372	5372	5372	5372	5371
G 10.0	5282	5282	5282	5282	5280	5280	5280	5280	5280	5280
G 15.0	5175	5177	5175	5174	5172	5172	5172	5172	5171	5170
G 20.0	5049	5047	5049	5049	5047	5046	5044	5043	5043	5042
G 25.0	4902	4902	4902	4902	4900	4899	4897	4896	4896	4895
G 30.0	4741	4738	4741	4740	4736	4733	4732	4732	4729	4727
G 35.0	4559	4561	4559	4557	4556	4555	4552	4547	4544	4545
G 40.0	4364	4361	4364	4361	4356	4354	4352	4349	4347	4346
G 45.0	4144	4144	4144	4142	4137	4137	4135	4131	4130	4127
G 50.0	3904	3908	3904	3902	3900	3898	3897	3895	3889	3886
G 55.0	3652	3652	3652	3650	3646	3641	3638	3637	3635	3632
G 60.0	3383	3386	3383	3381	3379	3377	3373	3365	3360	3357
G 65.0	3090	3092	3090	3085	3080	3078	3073	3065	3059	3058
G 70.0	2759	2759	2759	2757	2750	2741	2733	2728	2725	2722
G 75.0	2356	2360	2356	2355	2355	2346	2333	2323	2319	2315
G 80.0	1834	1834	1834	1833	1827	1819	1809	1800	1795	1791
G 85.0	1040	1040	1040	1040	1040	1034	1027	1021	1014	1011
G 90.0	203	203	203	203	203	203	203	203	203	203