

Luminaire

Code 90593L115
Name ROFY 60 /T D/I D1150 LIGHT+ 830 HO

Measurem.

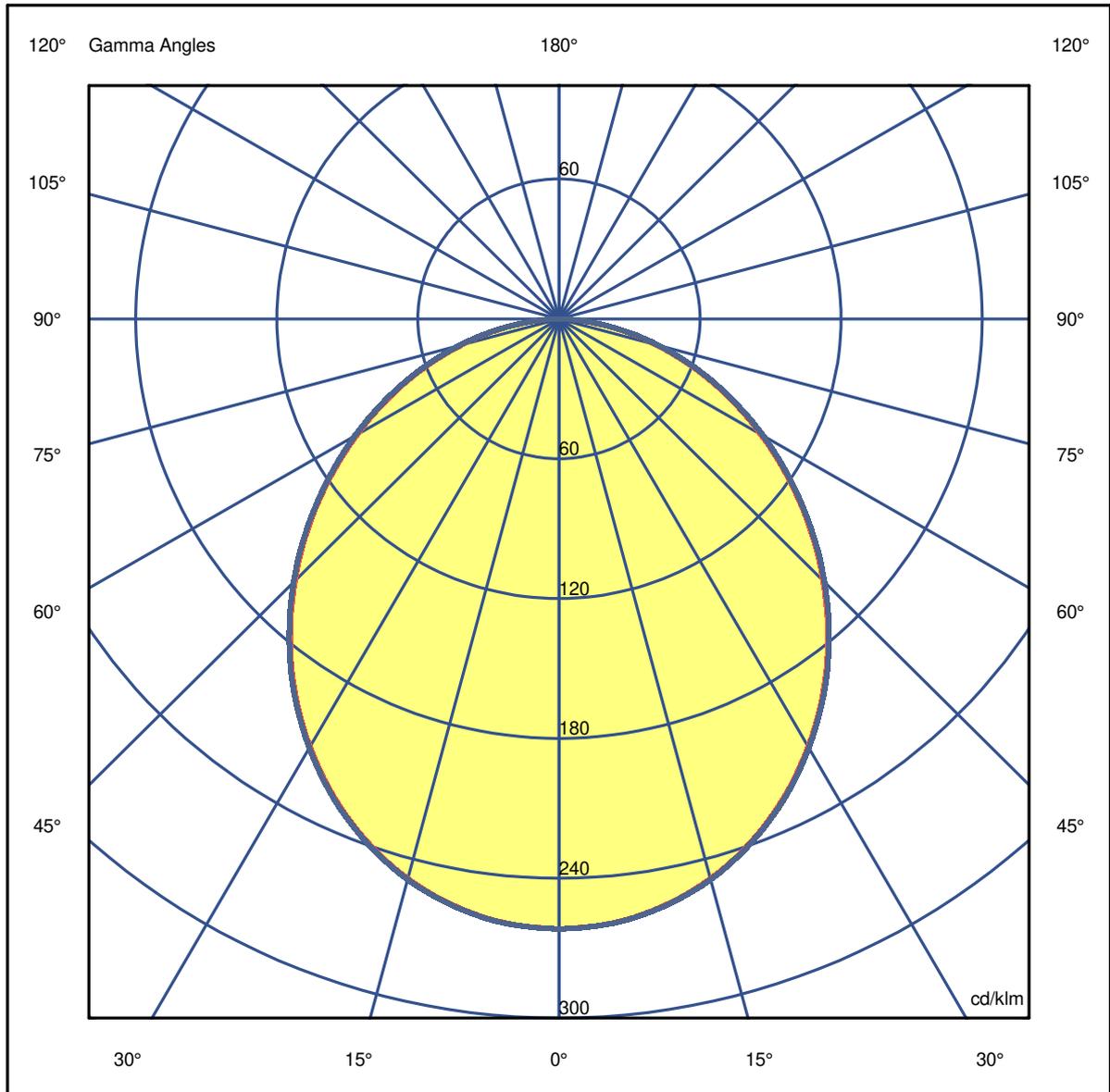
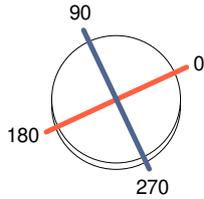
Code 26/7/2023
Name ROFY 60 /T D/I D1150 LIGHT+ 830 HO

Luminaire Flux	16848 lm	Luminaire Power	136.9 W	Efficacy	123.065 lm/W	Efficiency	69.13%
Source Flux	24372 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+ 830 HO

Measurem.

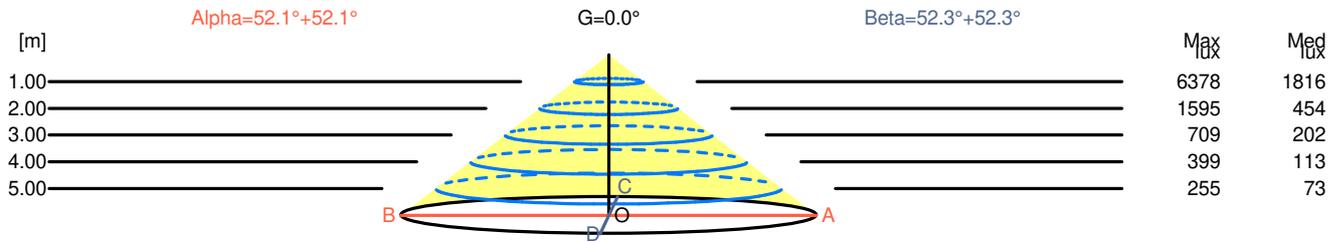
Code 26/7/2023
Name ROFY 60 /T D/I D1150 LIGHT+ 830 HO

Luminaire Flux	16848 lm	Luminaire Power	136.9 W	Efficacy	123.065 lm/W	Efficiency	69.13%
Source Flux	24372 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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6378.15	6341.59	6061.32	5517.82	4772.04	3872.71	2902.71	1949.76	1048.00	260.78
OB	6378.15	6341.59	6061.32	5517.82	4772.04	3872.71	2902.71	1949.76	1048.00	260.78
OC	6378.15	6344.03	6068.63	5530.01	4786.66	3892.21	2922.20	1969.26	1072.37	268.09
OD	6378.15	6344.03	6068.63	5530.01	4786.66	3892.21	2922.20	1969.26	1072.37	268.09



H[m]	D[m]	Max lux	Med lux	Alpha=52.1°+52.1°	G=0.0
1.00	2.57	6378	1816		
2.00	5.13	1595	454		
3.00	7.70	709	202		
4.00	10.27	399	113		
5.00	12.84	255	73		

H[m]	D[m]	Max lux	Med lux	Beta=52.3°+52.3°	G=0.0
1.00	2.59	6378	1816		
2.00	5.17	1595	454		
3.00	7.76	709	202		
4.00	10.34	399	113		
5.00	12.93	255	73		

Luminaire

Code 90593L115
Name ROFY 60 /T D/I D1150 LIGHT+ 830 HO

Measurerm.

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

Luminaire Flux	16848 lm	Luminaire Power	136.9 W	Efficacy	123.065 lm/W	Efficiency	69.13%
Source Flux	24372 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	Lateral View					Viewed Endwise				
x=2H y=2H	16.8	18.1	17.1	18.3	18.6	16.8	18.1	17.2	18.4	18.6
x=2H y=3H	18.2	19.4	18.5	19.6	19.9	18.2	19.4	18.6	19.7	19.9
x=2H y=4H	18.7	19.8	19.0	20.1	20.4	18.7	19.8	19.1	20.1	20.4
x=2H y=6H	19.0	20.1	19.4	20.4	20.7	19.1	20.1	19.5	20.4	20.8
x=2H y=8H	19.1	20.1	19.5	20.4	20.8	19.2	20.2	19.6	20.5	20.8
x=2H y=12H	19.2	20.1	19.5	20.4	20.8	19.2	20.2	19.6	20.5	20.8
x=4H y=2H	17.4	18.5	17.8	18.8	19.1	17.5	18.6	17.8	18.8	19.1
x=4H y=3H	19.0	19.9	19.3	20.2	20.6	19.0	20.0	19.4	20.3	20.6
x=4H y=4H	19.6	20.4	20.0	20.8	21.2	19.7	20.5	20.1	20.8	21.2
x=4H y=6H	20.1	20.8	20.5	21.2	21.6	20.1	20.9	20.6	21.2	21.7
x=4H y=8H	20.2	20.9	20.6	21.3	21.7	20.3	20.9	20.7	21.3	21.8
x=4H y=12H	20.2	20.9	20.7	21.3	21.7	20.3	20.9	20.8	21.4	21.8
x=8H y=4H	19.9	20.5	20.3	20.9	21.3	19.9	20.6	20.3	21.0	21.4
x=8H y=6H	20.4	21.0	20.9	21.4	21.9	20.5	21.1	21.0	21.5	21.9
x=8H y=8H	20.6	21.1	21.1	21.5	22.0	20.7	21.2	21.2	21.6	22.1
x=8H y=12H	20.7	21.1	21.2	21.6	22.1	20.8	21.2	21.3	21.7	22.2
x=12H y=4H	19.9	20.5	20.3	20.9	21.3	19.9	20.5	20.4	20.9	21.4
x=12H y=6H	20.5	20.9	20.9	21.4	21.9	20.5	21.0	21.0	21.5	21.9
x=12H y=8H	20.7	21.1	21.2	21.6	22.1	20.7	21.2	21.2	21.6	22.1

Luminaire

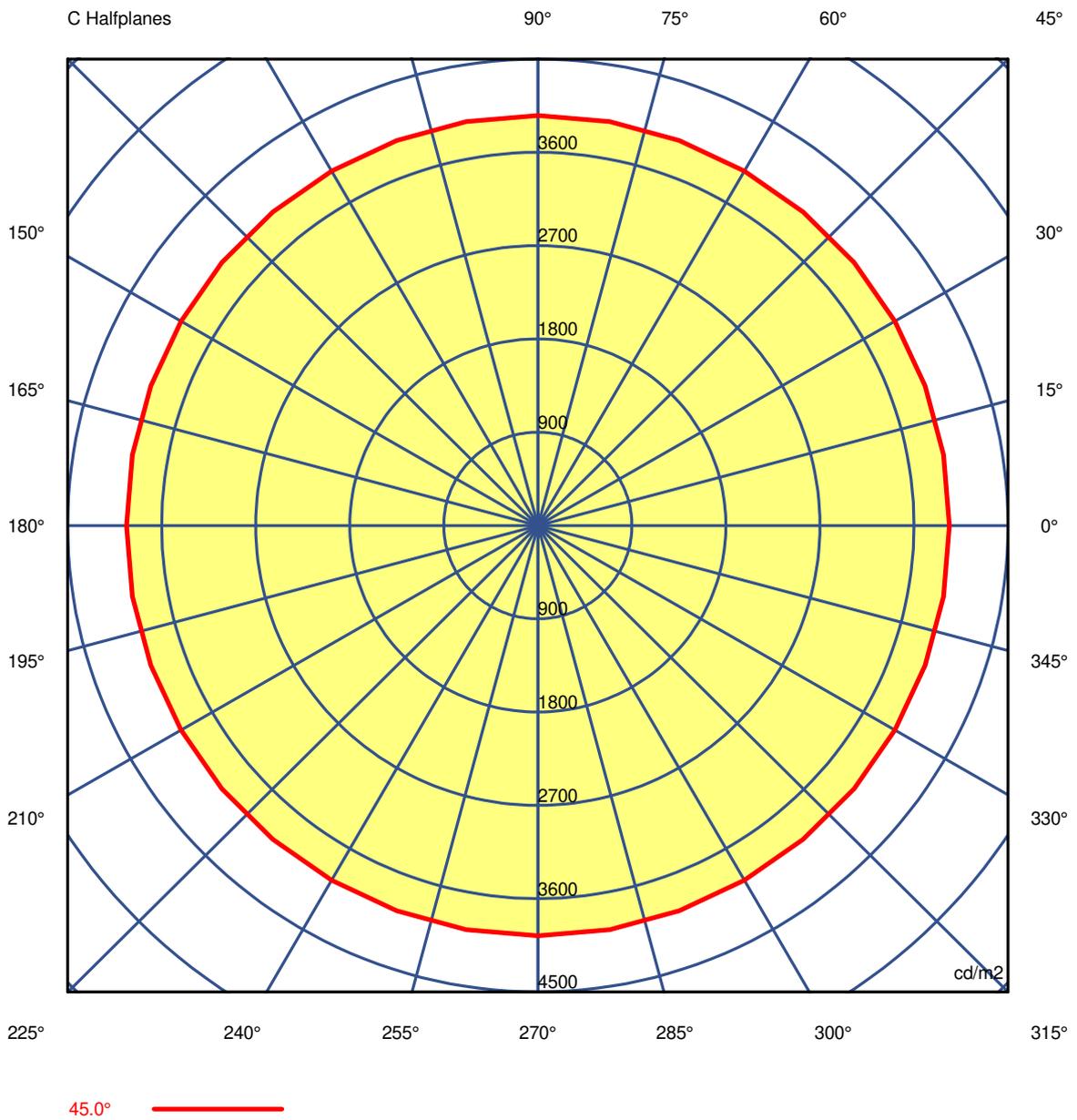
Code 90593L115
Name ROFY 60 /T D/I D1150 LIGHT+ 830 HO

Measur.

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

Luminaire Flux	16848 lm	Luminaire Power	136.9 W	Efficacy	123.065 lm/W	Efficiency	69.13%
Source Flux	24372 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+ 830 HO

Measurem.

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

Luminaire Flux	16848 lm	Luminaire Power	136.9 W	Efficacy	123.065 lm/W	Efficiency	69.13%
Source Flux	24372 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	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197
G 5.0	5127	5129	5129	5129	5129	5129	5129	5129	5129	5129	5129	5129	5129
G 10.0	5040	5042	5042	5042	5042	5042	5042	5043	5044	5044	5044	5043	5042
G 15.0	4937	4937	4938	4939	4939	4939	4939	4940	4942	4943	4942	4940	4939
G 20.0	4813	4815	4815	4815	4816	4818	4819	4821	4821	4819	4821	4821	4819
G 25.0	4671	4674	4675	4675	4676	4677	4679	4680	4681	4681	4681	4680	4679
G 30.0	4514	4514	4515	4518	4518	4519	4522	4526	4527	4525	4527	4526	4522
G 35.0	4341	4340	4339	4341	4346	4349	4350	4352	4353	4355	4353	4352	4350
G 40.0	4148	4149	4151	4152	4156	4158	4159	4164	4167	4164	4167	4164	4159
G 45.0	3938	3941	3943	3945	3949	3950	3950	3955	3957	3957	3957	3955	3950
G 50.0	3711	3711	3713	3719	3721	3722	3724	3726	3728	3732	3728	3726	3724
G 55.0	3464	3468	3471	3472	3474	3477	3481	3486	3487	3487	3487	3486	3481
G 60.0	3204	3206	3209	3213	3220	3225	3226	3228	3231	3233	3231	3228	3226
G 65.0	2923	2920	2921	2927	2935	2939	2941	2946	2950	2952	2950	2946	2941
G 70.0	2596	2599	2602	2605	2610	2617	2626	2632	2634	2634	2634	2632	2626
G 75.0	2203	2210	2214	2218	2227	2240	2249	2249	2250	2254	2250	2249	2249
G 80.0	1706	1710	1714	1719	1727	1737	1745	1750	1751	1751	1751	1750	1745
G 85.0	966	966	968	975	981	987	993	993	993	993	993	993	993
G 90.0	193	193	193	193	193	193	193	193	193	193	193	193	193

Luminaire

Code 90593L115
Name ROFY 60 /T D/I D1150 LIGHT+ 830 HO

Measurement

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

Luminaire Flux	16848 lm	Luminaire Power	136.9 W	Efficacy	123.065 lm/W	Efficiency	69.13%
Source Flux	24372 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	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197
G 5.0	5129	5129	5129	5129	5129	5127	5129	5129	5129	5129	5129	5129	5129
G 10.0	5042	5042	5042	5042	5042	5040	5042	5042	5042	5042	5042	5042	5043
G 15.0	4939	4939	4939	4938	4937	4937	4937	4938	4939	4939	4939	4939	4940
G 20.0	4818	4816	4815	4815	4815	4813	4815	4815	4815	4816	4818	4819	4821
G 25.0	4677	4676	4675	4675	4674	4671	4674	4675	4675	4676	4677	4679	4680
G 30.0	4519	4518	4518	4515	4514	4514	4514	4515	4518	4518	4519	4522	4526
G 35.0	4349	4346	4341	4339	4340	4341	4340	4339	4341	4346	4349	4350	4352
G 40.0	4158	4156	4152	4151	4149	4148	4149	4151	4152	4156	4158	4159	4164
G 45.0	3950	3949	3945	3943	3941	3938	3941	3943	3945	3949	3950	3950	3955
G 50.0	3722	3721	3719	3713	3711	3711	3711	3713	3719	3721	3722	3724	3726
G 55.0	3477	3474	3472	3471	3468	3464	3468	3471	3472	3474	3477	3481	3486
G 60.0	3225	3220	3213	3209	3206	3204	3206	3209	3213	3220	3225	3226	3228
G 65.0	2939	2935	2927	2921	2920	2923	2920	2921	2927	2935	2939	2941	2946
G 70.0	2617	2610	2605	2602	2599	2596	2599	2602	2605	2610	2617	2626	2632
G 75.0	2240	2227	2218	2214	2210	2203	2210	2214	2218	2227	2240	2249	2249
G 80.0	1737	1727	1719	1714	1710	1706	1710	1714	1719	1727	1737	1745	1750
G 85.0	987	981	975	968	966	966	966	968	975	981	987	993	993
G 90.0	193	193	193	193	193	193	193	193	193	193	193	193	193

Luminaire

Code 90593L115
Name ROFY 60 /T D/I D1150 LIGHT+ 830 HO

Measurem.

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

Luminaire Flux	16848 lm	Luminaire Power	136.9 W	Efficacy	123.065 lm/W	Efficiency	69.13%
Source Flux	24372 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	5197	5197	5197	5197	5197	5197	5197	5197	5197	5197
G 5.0	5129	5129	5129	5129	5129	5129	5129	5129	5129	5129
G 10.0	5044	5044	5044	5043	5042	5042	5042	5042	5042	5042
G 15.0	4942	4943	4942	4940	4939	4939	4939	4939	4938	4937
G 20.0	4821	4819	4821	4821	4819	4818	4816	4815	4815	4815
G 25.0	4681	4681	4681	4680	4679	4677	4676	4675	4675	4674
G 30.0	4527	4525	4527	4526	4522	4519	4518	4518	4515	4514
G 35.0	4353	4355	4353	4352	4350	4349	4346	4341	4339	4340
G 40.0	4167	4164	4167	4164	4159	4158	4156	4152	4151	4149
G 45.0	3957	3957	3957	3955	3950	3950	3949	3945	3943	3941
G 50.0	3728	3732	3728	3726	3724	3722	3721	3719	3713	3711
G 55.0	3487	3487	3487	3486	3481	3477	3474	3472	3471	3468
G 60.0	3231	3233	3231	3228	3226	3225	3220	3213	3209	3206
G 65.0	2950	2952	2950	2946	2941	2939	2935	2927	2921	2920
G 70.0	2634	2634	2634	2632	2626	2617	2610	2605	2602	2599
G 75.0	2250	2254	2250	2249	2249	2240	2227	2218	2214	2210
G 80.0	1751	1751	1751	1750	1745	1737	1727	1719	1714	1710
G 85.0	993	993	993	993	993	987	981	975	968	966
G 90.0	193	193	193	193	193	193	193	193	193	193