

Luminaire

Code 90586L115
Name ROFY 60 D1150 LIGHT+ 830 LO

Measurem.

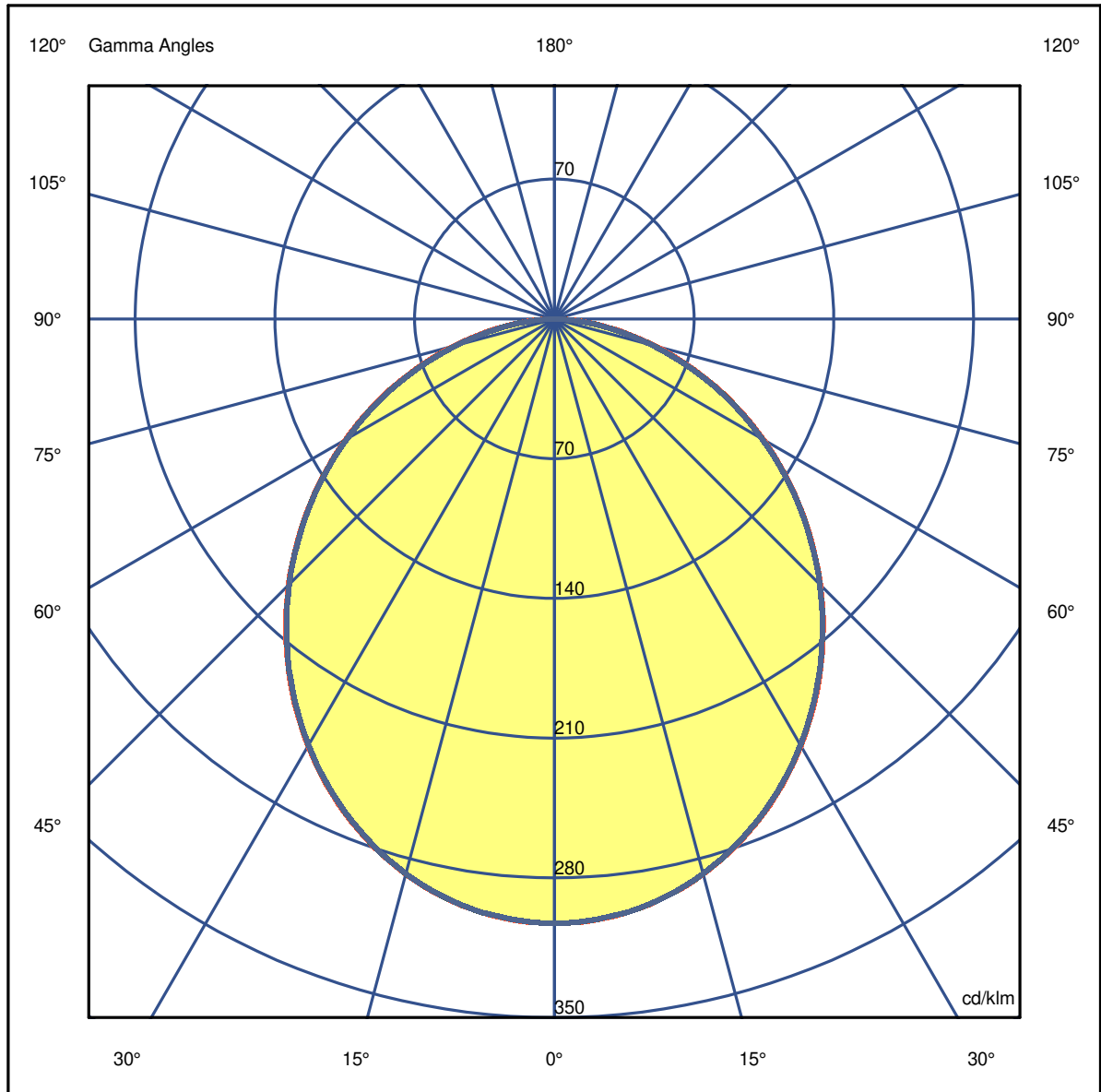
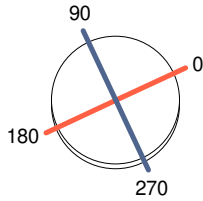
Code 4/8/2023
Name ROFY 60 D1150 LIGHT+ 830 LO

Luminaire Flux	13111 lm	Luminaire Power	89.2 W	Efficacy	146.915 lm/W	Efficiency	81.15%
Source Flux	16156 lm	Maximum value	302.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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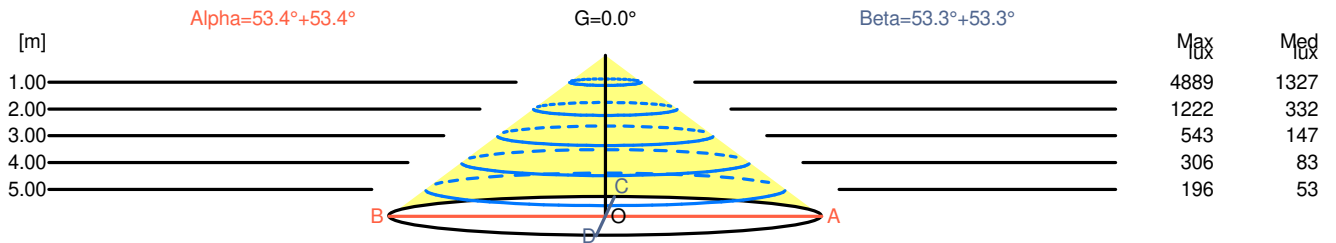
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Width at 50.00 % of Max Intensity

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	2.69	4.03	5.38	6.72	OC	1.34	2.68	4.02	5.36	6.70
OB	1.34	2.69	4.03	5.38	6.72	OD	1.34	2.68	4.02	5.36	6.70

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4888.81	4864.57	4649.70	4247.41	3698.11	3043.79	2324.85	1576.83	838.50	205.18
OB	4888.81	4864.57	4649.70	4247.41	3698.11	3043.79	2324.85	1576.83	838.50	205.18
OC	4888.81	4859.72	4648.08	4242.57	3690.03	3037.33	2315.15	1560.67	815.88	189.03
OD	4888.81	4859.72	4648.08	4242.57	3690.03	3037.33	2315.15	1560.67	815.88	189.03



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0	
1.00	2.69	4889	1327			
2.00	5.38	1222	332			
3.00	8.07	543	147			
4.00	10.76	306	83			
5.00	13.44	196	53			

H[m]	D[m]	Max lux	Med lux	Beta=53.3°+53.3°	G=0.0	
1.00	2.68	4889	1327			
2.00	5.36	1222	332			
3.00	8.04	543	147			
4.00	10.72	306	83			
5.00	13.40	196	53			

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Source Flux	16156 lm	Maximum value	302.60 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	17.0	18.3	17.3	18.5	18.8	17.0	18.3	17.3	18.5	18.7
x=2H y=3H	18.4	19.6	18.7	19.8	20.1	18.3	19.5	18.7	19.8	20.1
x=2H y=4H	18.9	20.0	19.3	20.3	20.6	18.9	20.0	19.2	20.3	20.5
x=2H y=6H	19.3	20.3	19.6	20.6	20.9	19.2	20.2	19.6	20.5	20.9
x=2H y=8H	19.4	20.4	19.7	20.7	21.0	19.3	20.3	19.6	20.6	20.9
x=2H y=12H	19.4	20.4	19.8	20.7	21.0	19.3	20.3	19.7	20.6	20.9
x=4H y=2H	17.6	18.7	17.9	19.0	19.3	17.6	18.7	17.9	19.0	19.3
x=4H y=3H	19.2	20.1	19.6	20.5	20.8	19.2	20.1	19.5	20.4	20.8
x=4H y=4H	19.9	20.7	20.3	21.0	21.4	19.8	20.6	20.2	21.0	21.4
x=4H y=6H	20.3	21.0	20.7	21.4	21.8	20.2	21.0	20.6	21.3	21.7
x=4H y=8H	20.4	21.1	20.9	21.5	21.9	20.4	21.0	20.8	21.4	21.8
x=4H y=12H	20.5	21.1	21.0	21.6	22.0	20.4	21.0	20.9	21.4	21.9
x=8H y=4H	20.1	20.8	20.5	21.2	21.6	20.0	20.7	20.5	21.1	21.5
x=8H y=6H	20.7	21.2	21.1	21.6	22.1	20.6	21.1	21.1	21.6	22.0
x=8H y=8H	20.9	21.4	21.4	21.8	22.3	20.8	21.3	21.3	21.7	22.2
x=8H y=12H	21.0	21.4	21.5	21.9	22.4	20.9	21.3	21.4	21.8	22.2
x=12H y=4H	20.1	20.7	20.5	21.1	21.6	20.1	20.7	20.5	21.1	21.5
x=12H y=6H	20.7	21.2	21.2	21.6	22.1	20.6	21.1	21.1	21.6	22.1
x=12H y=8H	20.9	21.3	21.4	21.8	22.3	20.8	21.2	21.3	21.7	22.2

Luminaire

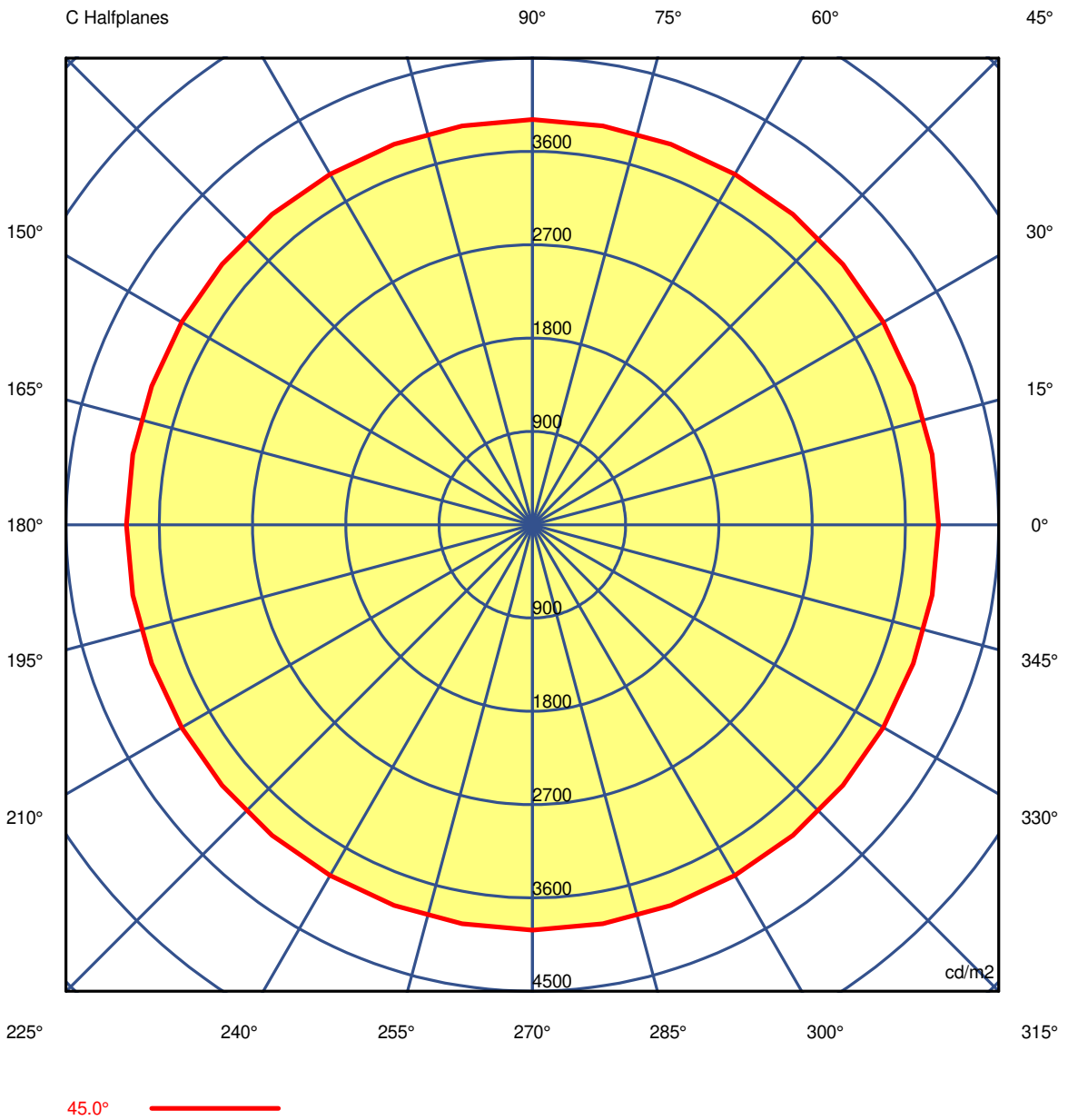
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Source Flux	16156 lm	Maximum value	302.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	16156 lm	Maximum value	302.60 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	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875
G 5.0	4829	4826	4825	4824	4825	4825	4825	4827	4827	4824	4827	4827	4825
G 10.0	4762	4761	4759	4757	4759	4761	4762	4759	4758	4760	4758	4759	4762
G 15.0	4680	4679	4677	4677	4677	4679	4680	4678	4677	4678	4677	4678	4680
G 20.0	4584	4583	4581	4579	4581	4582	4581	4581	4580	4579	4580	4581	4581
G 25.0	4473	4472	4470	4468	4469	4470	4468	4468	4468	4468	4468	4468	4468
G 30.0	4350	4349	4348	4347	4348	4348	4347	4345	4345	4345	4345	4345	4347
G 35.0	4219	4214	4214	4215	4212	4212	4215	4213	4210	4209	4210	4213	4215
G 40.0	4068	4068	4068	4068	4067	4065	4062	4064	4064	4060	4064	4064	4062
G 45.0	3917	3915	3911	3909	3910	3910	3907	3906	3907	3909	3907	3906	3907
G 50.0	3743	3742	3740	3739	3739	3739	3739	3737	3736	3736	3736	3737	3739
G 55.0	3555	3554	3552	3550	3549	3547	3545	3545	3544	3541	3544	3545	3545
G 60.0	3338	3334	3332	3330	3328	3326	3325	3323	3321	3319	3321	3323	3325
G 65.0	3086	3083	3075	3067	3067	3065	3058	3058	3057	3055	3057	3058	3058
G 70.0	2774	2766	2761	2759	2756	2747	2737	2731	2730	2730	2730	2731	2737
G 75.0	2380	2374	2366	2357	2348	2339	2329	2319	2316	2316	2316	2319	2329
G 80.0	1870	1867	1857	1840	1820	1800	1786	1786	1784	1779	1784	1786	1786
G 85.0	1121	1121	1121	1121	1085	1058	1050	1038	1032	1032	1032	1038	1050
G 90.0	202	202	202	202	202	202	202	202	202	202	202	202	202

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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	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875
G 5.0	4825	4825	4824	4825	4826	4829	4826	4825	4824	4825	4825	4825	4827
G 10.0	4761	4759	4757	4759	4761	4762	4761	4759	4757	4759	4761	4762	4759
G 15.0	4679	4677	4677	4677	4679	4680	4679	4677	4677	4677	4679	4680	4678
G 20.0	4582	4581	4579	4581	4583	4584	4583	4581	4579	4581	4582	4581	4581
G 25.0	4470	4469	4468	4470	4472	4473	4472	4470	4468	4469	4470	4468	4468
G 30.0	4348	4348	4347	4348	4349	4350	4349	4348	4347	4348	4348	4347	4345
G 35.0	4212	4212	4215	4214	4214	4219	4214	4214	4215	4212	4212	4215	4213
G 40.0	4065	4067	4068	4068	4068	4068	4068	4068	4068	4067	4065	4062	4064
G 45.0	3910	3910	3909	3911	3915	3917	3915	3911	3909	3910	3910	3907	3906
G 50.0	3739	3739	3739	3740	3742	3743	3742	3740	3739	3739	3739	3739	3737
G 55.0	3547	3549	3550	3552	3554	3555	3554	3552	3550	3549	3547	3545	3545
G 60.0	3326	3328	3330	3332	3334	3338	3334	3332	3330	3328	3326	3325	3323
G 65.0	3065	3067	3067	3075	3083	3086	3083	3075	3067	3067	3065	3058	3058
G 70.0	2747	2756	2759	2761	2766	2774	2766	2761	2759	2756	2747	2737	2731
G 75.0	2339	2348	2357	2366	2374	2380	2374	2366	2357	2348	2339	2329	2319
G 80.0	1800	1820	1840	1857	1867	1870	1867	1857	1840	1820	1800	1786	1786
G 85.0	1058	1085	1121	1121	1121	1121	1121	1121	1121	1085	1058	1050	1038
G 90.0	202	202	202	202	202	202	202	202	202	202	202	202	202

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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	4875	4875	4875	4875	4875	4875	4875	4875	4875	4875
G 5.0	4827	4824	4827	4827	4825	4825	4825	4824	4825	4826
G 10.0	4758	4760	4758	4759	4762	4761	4759	4757	4759	4761
G 15.0	4677	4678	4677	4678	4680	4679	4677	4677	4677	4679
G 20.0	4580	4579	4580	4581	4581	4582	4581	4579	4581	4583
G 25.0	4468	4468	4468	4468	4468	4470	4469	4468	4470	4472
G 30.0	4345	4345	4345	4345	4347	4348	4348	4347	4348	4349
G 35.0	4210	4209	4210	4213	4215	4212	4212	4215	4214	4214
G 40.0	4064	4060	4064	4064	4062	4065	4067	4068	4068	4068
G 45.0	3907	3909	3907	3906	3907	3910	3910	3909	3911	3915
G 50.0	3736	3736	3736	3737	3739	3739	3739	3739	3740	3742
G 55.0	3544	3541	3544	3545	3545	3547	3549	3550	3552	3554
G 60.0	3321	3319	3321	3323	3325	3326	3328	3330	3332	3334
G 65.0	3057	3055	3057	3058	3058	3065	3067	3067	3075	3083
G 70.0	2730	2730	2730	2731	2737	2747	2756	2759	2761	2766
G 75.0	2316	2316	2316	2319	2329	2339	2348	2357	2366	2374
G 80.0	1784	1779	1784	1786	1786	1800	1820	1840	1857	1867
G 85.0	1032	1032	1032	1038	1050	1058	1085	1121	1121	1121
G 90.0	202	202	202	202	202	202	202	202	202	202