

Luminaire

Code 90593L400
Name ROFY 60 /T D/I D0400 LIGHT+ 830 HO

Measurem.

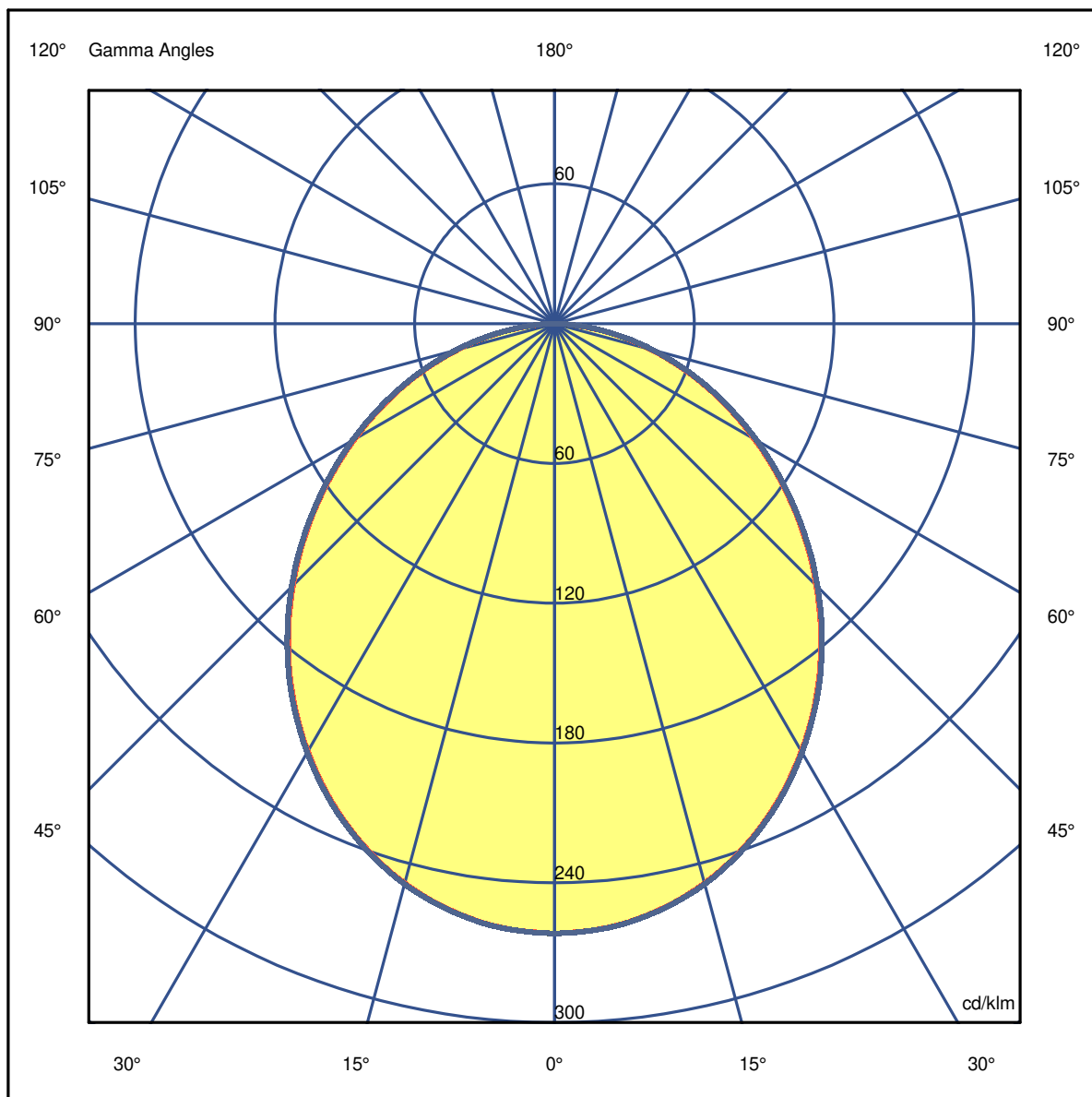
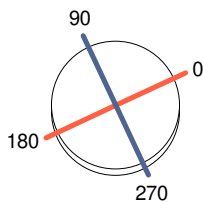
Code 26/7/2023
Name ROFY 60 /T D/I D0400 LIGHT+ 830 HO

Luminaire Flux	3687 lm	Luminaire Power	31.7 W	Efficacy	116.148 lm/W	Efficiency	69.13%
Source Flux	5333 lm	Maximum value	261.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=518mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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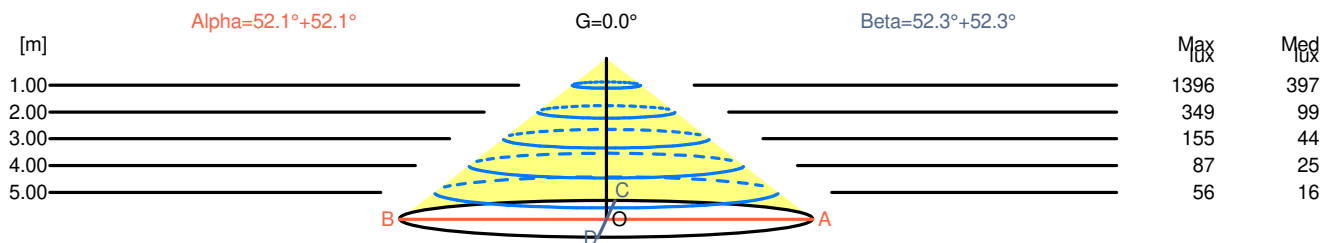
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Width at 50.00 % of Max Intensity

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	1.28	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	1395.65	1387.65	1326.32	1207.39	1044.20	847.41	635.16	426.64	229.32	57.06
OB	1395.65	1387.65	1326.32	1207.39	1044.20	847.41	635.16	426.64	229.32	57.06
OC	1395.65	1388.18	1327.92	1210.06	1047.40	851.68	639.43	430.91	234.65	58.66
OD	1395.65	1388.18	1327.92	1210.06	1047.40	851.68	639.43	430.91	234.65	58.66



H[m]	D[m]	Max lux	Med lux	Alpha=52.1°+52.1°	G=0.0
1.00	2.57	1396	397		
2.00	5.13	349	99		
3.00	7.70	155	44		
4.00	10.27	87	25		
5.00	12.84	56	16		

H[m]	D[m]	Max lux	Med lux	Beta=52.3°+52.3°	G=0.0
1.00	2.59	1396	397		
2.00	5.17	349	99		
3.00	7.76	155	44		
4.00	10.34	87	25		
5.00	12.93	56	16		

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Source Flux	5333 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	17.2	18.5	17.5	18.7	18.9	17.2	18.5	17.5	18.7	19.0
x=2H y=3H	18.4	19.6	18.7	19.8	20.1	18.4	19.6	18.8	19.9	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	19.1	20.1	19.5	20.4	20.8	19.2	20.2	19.5	20.5	20.8
x=2H y=8H	19.2	20.2	19.5	20.5	20.8	19.2	20.2	19.6	20.6	20.9
x=2H y=12H	19.2	20.1	19.5	20.5	20.8	19.3	20.2	19.6	20.5	20.9
x=4H y=2H	17.7	18.8	18.1	19.1	19.4	17.8	18.9	18.1	19.1	19.4
x=4H y=3H	19.1	20.1	19.5	20.4	20.8	19.2	20.1	19.6	20.5	20.8
x=4H y=4H	19.7	20.5	20.1	20.9	21.3	19.8	20.6	20.1	20.9	21.3
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	20.8	20.6	21.2	21.6	20.2	20.9	20.7	21.3	21.7
x=4H y=12H	20.2	20.8	20.6	21.2	21.6	20.3	20.9	20.7	21.3	21.7
x=8H y=4H	19.9	20.6	20.3	21.0	21.4	20.0	20.6	20.4	21.0	21.4
x=8H y=6H	20.4	20.9	20.8	21.4	21.8	20.4	21.0	20.9	21.4	21.9
x=8H y=8H	20.5	21.0	21.0	21.5	21.9	20.6	21.1	21.1	21.5	22.0
x=8H y=12H	20.6	21.0	21.1	21.5	22.0	20.7	21.1	21.2	21.6	22.1
x=12H y=4H	19.9	20.5	20.3	20.9	21.4	20.0	20.6	20.4	21.0	21.4
x=12H y=6H	20.4	20.9	20.9	21.3	21.8	20.5	20.9	20.9	21.4	21.9
x=12H y=8H	20.6	21.0	21.1	21.5	22.0	20.6	21.1	21.1	21.5	22.0

Luminaire

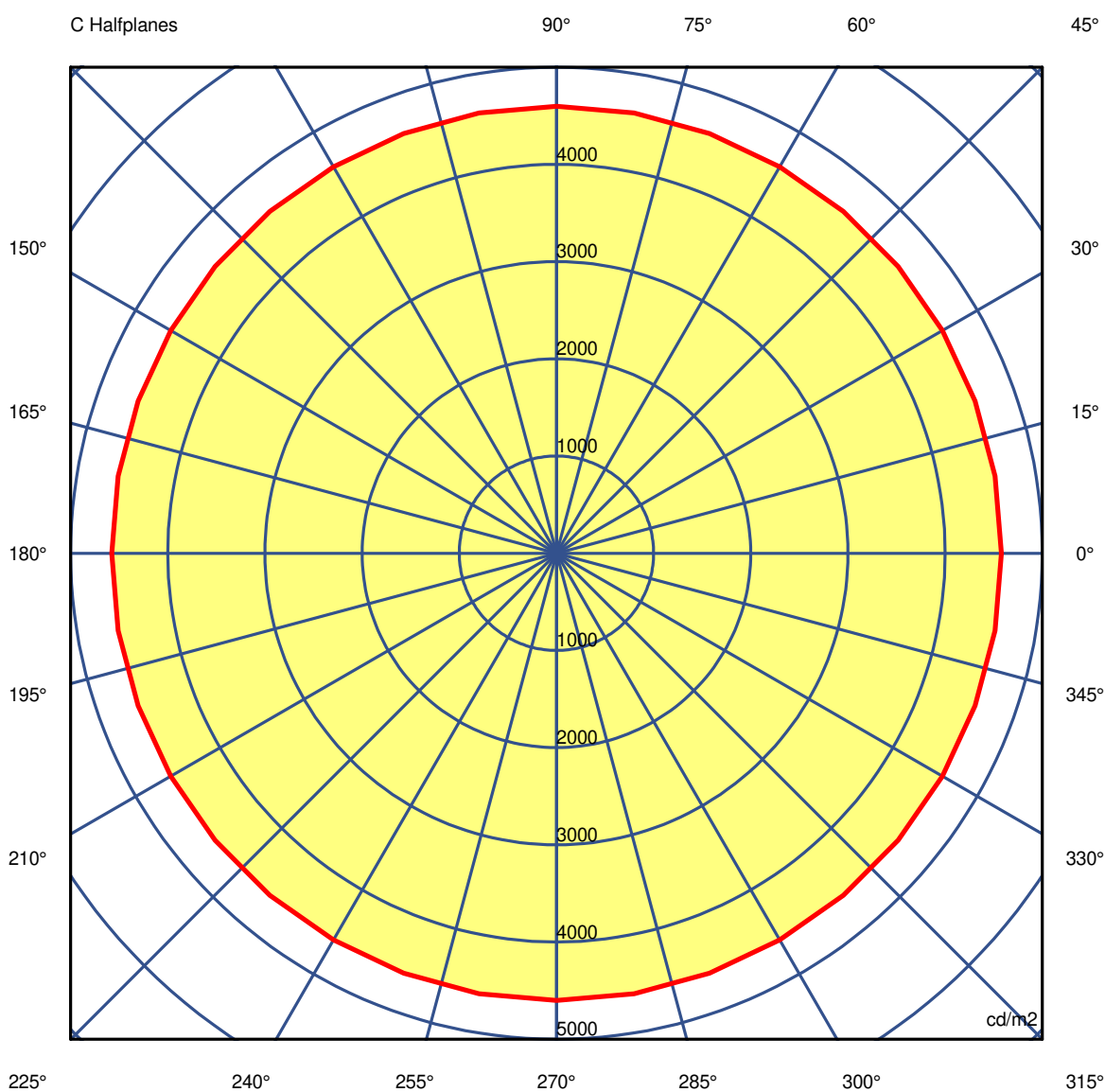
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Source Flux	5333 lm	Maximum value	261.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	5333 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	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108
G 5.0	6893	6895	6896	6896	6896	6896	6896	6896	6896	6896	6896	6896	6896
G 10.0	6663	6665	6666	6666	6666	6666	6666	6667	6668	6668	6668	6667	6666
G 15.0	6419	6419	6420	6422	6422	6422	6422	6424	6425	6427	6425	6424	6422
G 20.0	6155	6157	6158	6158	6159	6161	6163	6165	6165	6163	6165	6165	6163
G 25.0	5872	5876	5877	5877	5878	5880	5882	5884	5885	5885	5885	5884	5882
G 30.0	5575	5575	5577	5580	5580	5581	5586	5590	5591	5588	5591	5590	5586
G 35.0	5263	5261	5260	5263	5268	5272	5274	5275	5277	5279	5277	5275	5274
G 40.0	4928	4930	4932	4934	4938	4940	4942	4948	4951	4948	4951	4948	4942
G 45.0	4577	4581	4583	4585	4590	4591	4591	4597	4600	4600	4600	4597	4591
G 50.0	4209	4209	4211	4218	4220	4222	4224	4226	4229	4233	4229	4226	4224
G 55.0	3820	3824	3828	3830	3831	3835	3839	3844	3846	3846	3846	3844	3839
G 60.0	3419	3421	3424	3429	3436	3441	3443	3445	3448	3450	3448	3445	3443
G 65.0	2997	2994	2995	3001	3009	3014	3016	3021	3025	3027	3025	3021	3016
G 70.0	2532	2535	2537	2540	2545	2552	2561	2567	2569	2569	2569	2567	2561
G 75.0	2010	2017	2021	2024	2032	2044	2052	2052	2053	2057	2053	2052	2052
G 80.0	1417	1421	1424	1428	1435	1443	1450	1454	1455	1455	1455	1454	1450
G 85.0	693	693	694	699	704	708	712	712	712	712	712	712	712
G 90.0	106	106	106	106	106	106	106	106	106	106	106	106	106

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Source Flux	5333 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	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108	
G 5.0	6896	6896	6896	6896	6895	6893	6895	6896	6896	6896	6896	6896	6896	
G 10.0	6666	6666	6666	6666	6665	6663	6665	6666	6666	6666	6666	6666	6667	
G 15.0	6422	6422	6422	6420	6419	6419	6419	6420	6422	6422	6422	6422	6424	
G 20.0	6161	6159	6158	6158	6157	6155	6157	6158	6158	6159	6161	6163	6165	
G 25.0	5880	5878	5877	5877	5876	5872	5876	5877	5877	5878	5880	5882	5884	
G 30.0	5581	5580	5580	5577	5575	5575	5575	5577	5580	5580	5581	5586	5590	
G 35.0	5272	5268	5263	5260	5261	5263	5261	5260	5263	5268	5272	5274	5275	
G 40.0	4940	4938	4934	4932	4930	4928	4930	4932	4934	4938	4940	4942	4948	
G 45.0	4591	4590	4585	4583	4581	4577	4581	4583	4585	4590	4591	4591	4597	
G 50.0	4222	4220	4218	4211	4209	4209	4209	4211	4218	4220	4222	4224	4226	
G 55.0	3835	3831	3830	3828	3824	3820	3824	3828	3830	3831	3835	3839	3844	
G 60.0	3441	3436	3429	3424	3421	3419	3421	3424	3429	3436	3441	3443	3445	
G 65.0	3014	3009	3001	2995	2994	2997	2994	2995	3001	3009	3014	3016	3021	
G 70.0	2552	2545	2540	2537	2535	2532	2535	2537	2540	2545	2552	2561	2567	
G 75.0	2044	2032	2024	2021	2017	2010	2017	2021	2024	2032	2044	2052	2052	
G 80.0	1443	1435	1428	1424	1421	1417	1421	1424	1428	1435	1443	1450	1454	
G 85.0	708	704	699	694	693	693	693	694	699	704	708	712	712	
G 90.0	106	106	106	106	106	106	106	106	106	106	106	106	106	

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Source Flux	5333 lm	Maximum value	261.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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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	7108	7108	7108	7108	7108	7108	7108	7108	7108	7108
G 5.0	6896	6896	6896	6896	6896	6896	6896	6896	6896	6895
G 10.0	6668	6668	6668	6667	6666	6666	6666	6666	6666	6665
G 15.0	6425	6427	6425	6424	6422	6422	6422	6422	6420	6419
G 20.0	6165	6163	6165	6165	6163	6161	6159	6158	6158	6157
G 25.0	5885	5885	5885	5884	5882	5880	5878	5877	5877	5876
G 30.0	5591	5588	5591	5590	5586	5581	5580	5580	5577	5575
G 35.0	5277	5279	5277	5275	5274	5272	5268	5263	5260	5261
G 40.0	4951	4948	4951	4948	4942	4940	4938	4934	4932	4930
G 45.0	4600	4600	4600	4597	4591	4591	4590	4585	4583	4581
G 50.0	4229	4233	4229	4226	4224	4222	4220	4218	4211	4209
G 55.0	3846	3846	3846	3844	3839	3835	3831	3830	3828	3824
G 60.0	3448	3450	3448	3445	3443	3441	3436	3429	3424	3421
G 65.0	3025	3027	3025	3021	3016	3014	3009	3001	2995	2994
G 70.0	2569	2569	2569	2567	2561	2552	2545	2540	2537	2535
G 75.0	2053	2057	2053	2052	2052	2044	2032	2024	2021	2017
G 80.0	1455	1455	1455	1454	1450	1443	1435	1428	1424	1421
G 85.0	712	712	712	712	712	708	704	699	694	693
G 90.0	106	106	106	106	106	106	106	106	106	106