

Luminaire

Code 90593L400
Name ROFY 60 /T D/I D0400 LIGHT+ 840 HO

Measurem.

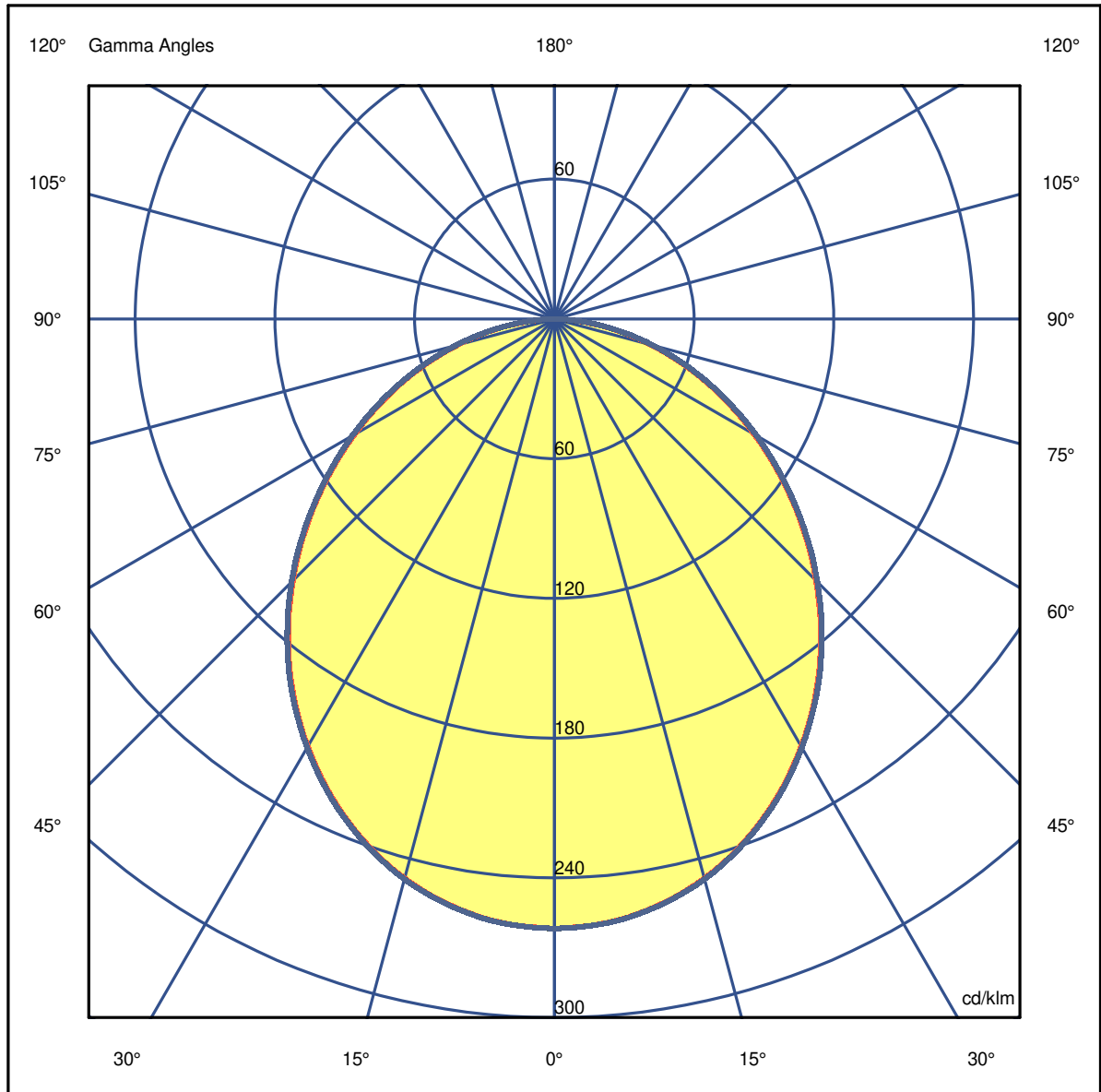
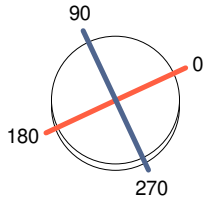
Code 26/7/2023
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Luminaire Flux	3858 lm	Luminaire Power	31.7 W	Efficacy	121.549 lm/W	Efficiency	69.13%
Source Flux	5581 lm	Maximum value	261.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=518mm

C Halfplanes

180.0  0.0
270.0  90.0



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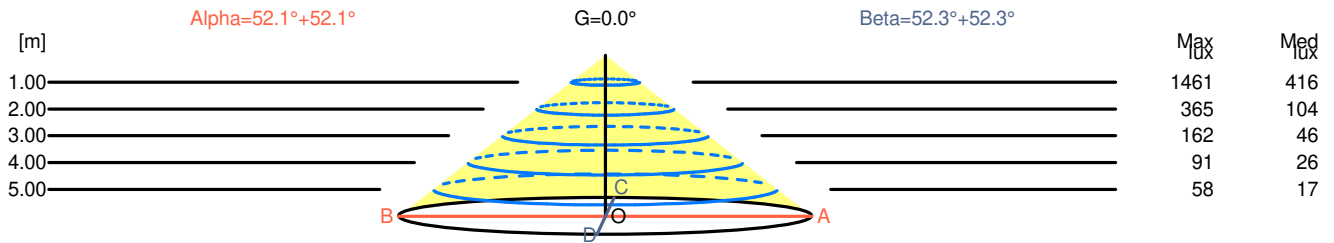
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Width at 50.00 % of Max Intensity

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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1460.55	1452.18	1387.99	1263.54	1092.76	886.82	664.70	446.48	239.98	59.72
OB	1460.55	1452.18	1387.99	1263.54	1092.76	886.82	664.70	446.48	239.98	59.72
OC	1460.55	1452.73	1389.67	1266.33	1096.11	891.29	669.16	450.94	245.56	61.39
OD	1460.55	1452.73	1389.67	1266.33	1096.11	891.29	669.16	450.94	245.56	61.39



H[m]	D[m]	Max lux	Med lux	Alpha=52.1°+52.1°	G=0.0
1.00	2.57	1461	416		
2.00	5.13	365	104		
3.00	7.70	162	46		
4.00	10.27	91	26		
5.00	12.84	58	17		

H[m]	D[m]	Max lux	Med lux	Beta=52.3°+52.3°	G=0.0
1.00	2.59	1461	416		
2.00	5.17	365	104		
3.00	7.76	162	46		
4.00	10.34	91	26		
5.00	12.93	58	17		

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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	17.3	18.6	17.6	18.8	19.1	17.4	18.6	17.7	18.9	19.1
x=2H y=3H	18.5	19.7	18.9	20.0	20.3	18.6	19.8	18.9	20.0	20.3
x=2H y=4H	19.0	20.1	19.3	20.4	20.7	19.0	20.2	19.4	20.4	20.7
x=2H y=6H	19.3	20.3	19.6	20.6	20.9	19.3	20.4	19.7	20.7	21.0
x=2H y=8H	19.3	20.3	19.7	20.6	21.0	19.4	20.4	19.8	20.7	21.0
x=2H y=12H	19.3	20.3	19.7	20.6	21.0	19.4	20.4	19.8	20.7	21.0
x=4H y=2H	17.9	19.0	18.2	19.3	19.6	17.9	19.0	18.3	19.3	19.6
x=4H y=3H	19.3	20.2	19.7	20.6	20.9	19.3	20.3	19.7	20.6	21.0
x=4H y=4H	19.9	20.7	20.2	21.0	21.4	19.9	20.7	20.3	21.1	21.5
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	20.8	21.5	21.9
x=4H y=12H	20.4	21.0	20.8	21.4	21.8	20.4	21.0	20.9	21.5	21.9
x=8H y=4H	20.1	20.7	20.5	21.1	21.6	20.1	20.8	20.6	21.2	21.6
x=8H y=6H	20.5	21.1	21.0	21.5	22.0	20.6	21.2	21.1	21.6	22.0
x=8H y=8H	20.7	21.2	21.2	21.6	22.1	20.7	21.2	21.2	21.7	22.2
x=8H y=12H	20.8	21.2	21.2	21.6	22.1	20.8	21.2	21.3	21.7	22.2
x=12H y=4H	20.1	20.7	20.5	21.1	21.5	20.1	20.7	20.6	21.1	21.6
x=12H y=6H	20.6	21.0	21.0	21.5	22.0	20.6	21.1	21.1	21.6	22.0
x=12H y=8H	20.7	21.2	21.2	21.6	22.1	20.8	21.2	21.3	21.7	22.2

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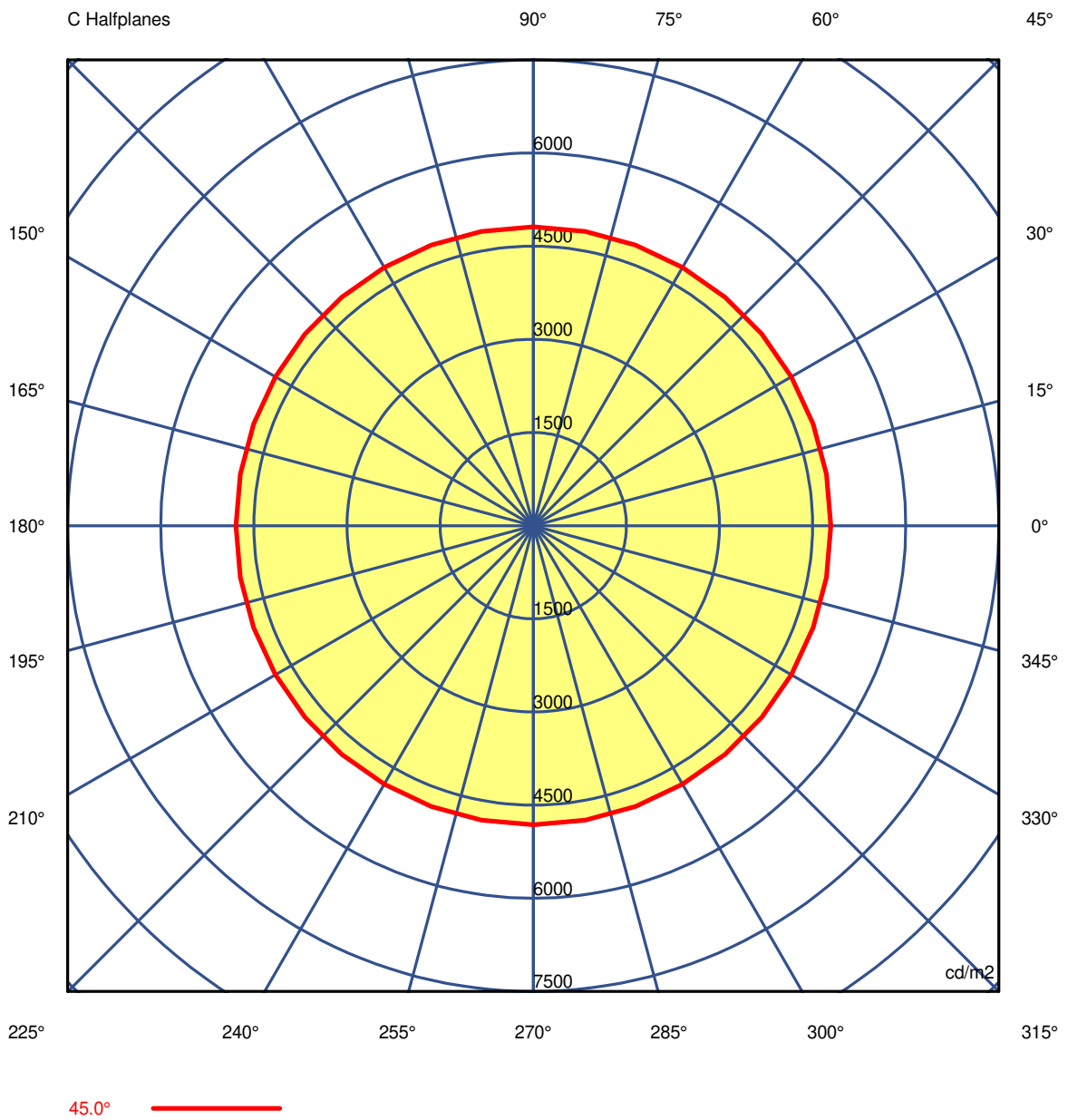
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Source Flux	5581 lm	Maximum value	261.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Measurement

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Source Flux	5581 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	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439
G 5.0	7214	7216	7216	7216	7216	7216	7216	7216	7216	7216	7216	7216	7216
G 10.0	6973	6975	6976	6976	6976	6976	6976	6977	6978	6978	6978	6977	6976
G 15.0	6718	6718	6719	6721	6721	6721	6721	6722	6724	6726	6724	6722	6721
G 20.0	6441	6443	6444	6444	6445	6447	6449	6451	6452	6449	6452	6451	6449
G 25.0	6145	6149	6150	6150	6152	6154	6155	6157	6158	6158	6158	6157	6155
G 30.0	5834	5834	5836	5840	5841	5841	5845	5850	5851	5848	5851	5850	5845
G 35.0	5508	5505	5505	5508	5513	5518	5519	5521	5523	5524	5523	5521	5519
G 40.0	5157	5159	5161	5163	5167	5170	5172	5178	5181	5178	5181	5178	5172
G 45.0	4790	4794	4797	4799	4803	4805	4805	4811	4814	4814	4814	4811	4805
G 50.0	4404	4404	4407	4414	4416	4418	4420	4422	4425	4430	4425	4422	4420
G 55.0	3998	4002	4006	4008	4010	4013	4018	4023	4024	4024	4024	4023	4018
G 60.0	3578	3580	3583	3589	3596	3601	3603	3605	3608	3610	3608	3605	3603
G 65.0	3137	3133	3134	3141	3149	3154	3156	3161	3166	3168	3166	3161	3156
G 70.0	2649	2652	2655	2658	2663	2671	2680	2687	2688	2688	2688	2687	2680
G 75.0	2104	2111	2115	2118	2127	2139	2148	2148	2148	2152	2148	2148	2148
G 80.0	1483	1487	1490	1494	1501	1510	1517	1521	1523	1523	1523	1521	1517
G 85.0	725	725	727	732	736	741	745	745	745	745	745	745	745
G 90.0	111	111	111	111	111	111	111	111	111	111	111	111	111

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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	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439
G 5.0	7216	7216	7216	7216	7216	7216	7216	7216	7216	7216	7216	7216	7216
G 10.0	6976	6976	6976	6976	6975	6973	6975	6976	6976	6976	6976	6976	6977
G 15.0	6721	6721	6721	6719	6718	6718	6718	6719	6721	6721	6721	6721	6722
G 20.0	6447	6445	6444	6444	6443	6441	6443	6444	6444	6445	6447	6449	6451
G 25.0	6154	6152	6150	6150	6149	6145	6149	6150	6150	6152	6154	6155	6157
G 30.0	5841	5840	5840	5836	5834	5834	5834	5836	5840	5840	5841	5845	5850
G 35.0	5518	5513	5508	5505	5505	5508	5505	5505	5508	5513	5518	5519	5521
G 40.0	5170	5167	5163	5161	5159	5157	5159	5161	5163	5167	5170	5172	5178
G 45.0	4805	4803	4799	4797	4794	4790	4794	4797	4799	4803	4805	4811	4811
G 50.0	4418	4416	4414	4407	4404	4404	4404	4407	4414	4416	4418	4420	4422
G 55.0	4013	4010	4008	4006	4002	3998	4002	4006	4008	4010	4013	4018	4023
G 60.0	3601	3596	3589	3583	3580	3578	3580	3583	3589	3596	3601	3603	3605
G 65.0	3154	3149	3141	3134	3133	3137	3133	3134	3141	3149	3154	3156	3161
G 70.0	2671	2663	2658	2655	2652	2649	2652	2655	2658	2663	2671	2680	2687
G 75.0	2139	2127	2118	2115	2111	2104	2111	2115	2118	2127	2139	2148	2148
G 80.0	1510	1501	1494	1490	1487	1483	1487	1490	1494	1501	1510	1517	1521
G 85.0	741	736	732	727	725	725	725	727	732	736	741	745	745
G 90.0	111	111	111	111	111	111	111	111	111	111	111	111	111

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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	7439	7439	7439	7439	7439	7439	7439	7439	7439	7439
G 5.0	7216	7216	7216	7216	7216	7216	7216	7216	7216	7216
G 10.0	6978	6978	6978	6977	6976	6976	6976	6976	6976	6975
G 15.0	6724	6726	6724	6722	6721	6721	6721	6721	6719	6718
G 20.0	6452	6449	6452	6451	6449	6447	6445	6444	6444	6443
G 25.0	6158	6158	6158	6157	6155	6154	6152	6150	6150	6149
G 30.0	5851	5848	5851	5850	5845	5841	5840	5840	5836	5834
G 35.0	5523	5524	5523	5521	5519	5518	5513	5508	5505	5505
G 40.0	5181	5178	5181	5178	5172	5170	5167	5163	5161	5159
G 45.0	4814	4814	4814	4811	4805	4805	4803	4799	4797	4794
G 50.0	4425	4430	4425	4422	4420	4418	4416	4414	4407	4404
G 55.0	4024	4024	4024	4023	4018	4013	4010	4008	4006	4002
G 60.0	3608	3610	3608	3605	3603	3601	3596	3589	3583	3580
G 65.0	3166	3168	3166	3161	3156	3154	3149	3141	3134	3133
G 70.0	2688	2688	2688	2687	2680	2671	2663	2658	2655	2652
G 75.0	2148	2152	2148	2148	2148	2139	2127	2118	2115	2111
G 80.0	1523	1523	1523	1521	1517	1510	1501	1494	1490	1487
G 85.0	745	745	745	745	745	741	736	732	727	725
G 90.0	111	111	111	111	111	111	111	111	111	111