

Luminaire

Code 90592L115
Name ROFY 60 /T D/I D1150 GCONTROL+ 840 LO

Measurem.

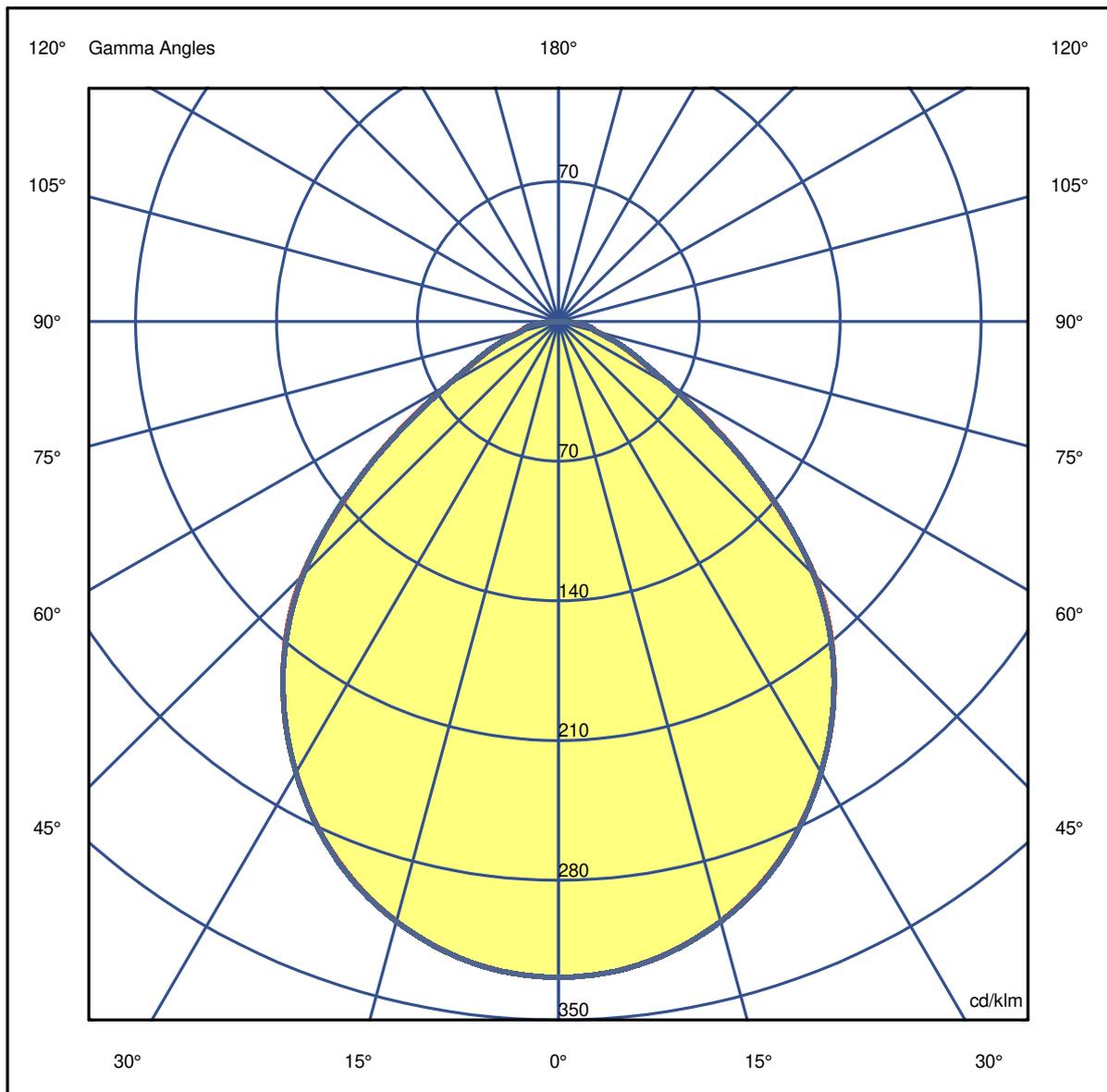
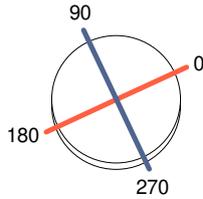
Code 4/8/2023
Name ROFY 60 /T D/I D1150 GCONTROL+ 840 LO

Luminaire Flux	15100 lm	Luminaire Power	113.9 W	Efficacy	132.541 lm/W	Efficiency	70.25%
Source Flux	21496 lm	Maximum value	328.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1268mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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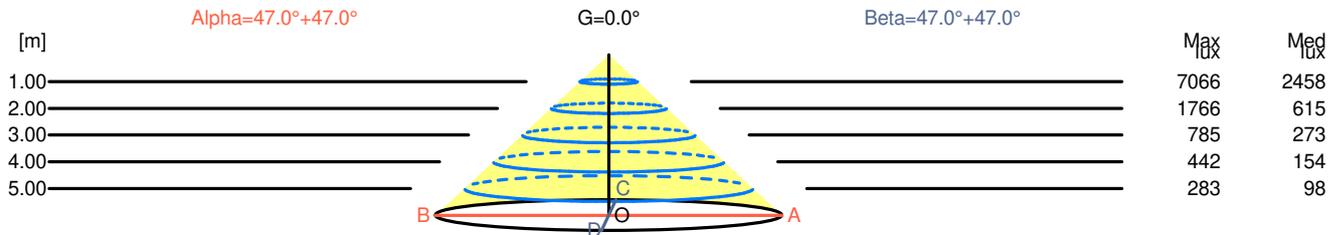
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Width at 50.00 % of Max Intensity

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	1.07	2.14	3.21	4.28	5.35	OC	1.07	2.14	3.21	4.28	5.35
OB	1.07	2.14	3.21	4.28	5.35	OD	1.07	2.14	3.21	4.28	5.35

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	7065.74	7022.74	6687.41	6044.68	5111.75	3869.28	2123.80	924.33	429.92	176.27
OB	7065.74	7022.74	6687.41	6044.68	5111.75	3869.28	2123.80	924.33	429.92	176.27
OC	7065.74	7022.74	6689.56	6046.82	5107.45	3852.08	2093.71	943.67	412.72	169.82
OD	7065.74	7022.74	6689.56	6046.82	5107.45	3852.08	2093.71	943.67	412.72	169.82



H[m]	D[m]	Max lux	Med lux	Alpha=47.0°+47.0°	G=0.0
1.00	2.14	7066	2458		
2.00	4.28	1766	615		
3.00	6.43	785	273		
4.00	8.57	442	154		
5.00	10.71	283	98		

H[m]	D[m]	Max lux	Med lux	Beta=47.0°+47.0°	G=0.0
1.00	2.14	7066	2458		
2.00	4.28	1766	615		
3.00	6.42	785	273		
4.00	8.57	442	154		
5.00	10.71	283	98		

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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	15.4	16.5	15.6	16.7	16.9	15.3	16.5	15.6	16.7	16.9
x=2H y=3H	15.9	17.0	16.3	17.2	17.5	15.9	17.0	16.3	17.2	17.5
x=2H y=4H	16.1	17.1	16.5	17.4	17.7	16.1	17.1	16.5	17.4	17.7
x=2H y=6H	16.3	17.2	16.6	17.5	17.8	16.3	17.2	16.6	17.5	17.8
x=2H y=8H	16.4	17.2	16.7	17.5	17.8	16.4	17.2	16.7	17.5	17.8
x=2H y=12H	16.4	17.2	16.8	17.5	17.9	16.4	17.2	16.8	17.5	17.9
x=4H y=2H	15.6	16.6	15.9	16.8	17.1	15.6	16.6	15.9	16.8	17.1
x=4H y=3H	16.4	17.2	16.7	17.5	17.8	16.4	17.2	16.7	17.5	17.8
x=4H y=4H	16.7	17.4	17.1	17.7	18.1	16.7	17.4	17.0	17.7	18.1
x=4H y=6H	16.9	17.6	17.4	17.9	18.3	16.9	17.6	17.3	17.9	18.3
x=4H y=8H	17.1	17.6	17.5	18.0	18.4	17.0	17.6	17.5	18.0	18.4
x=4H y=12H	17.1	17.6	17.6	18.1	18.5	17.1	17.6	17.6	18.0	18.5
x=8H y=4H	16.7	17.3	17.2	17.7	18.1	16.7	17.3	17.2	17.7	18.1
x=8H y=6H	17.1	17.6	17.6	18.0	18.5	17.1	17.6	17.6	18.0	18.5
x=8H y=8H	17.3	17.7	17.8	18.2	18.6	17.3	17.7	17.8	18.1	18.6
x=8H y=12H	17.4	17.8	17.9	18.2	18.7	17.4	17.8	17.9	18.2	18.7
x=12H y=4H	16.8	17.3	17.2	17.7	18.1	16.7	17.3	17.2	17.7	18.1
x=12H y=6H	17.2	17.6	17.6	18.0	18.5	17.2	17.6	17.6	18.0	18.5
x=12H y=8H	17.4	17.7	17.9	18.2	18.7	17.4	17.7	17.8	18.2	18.7

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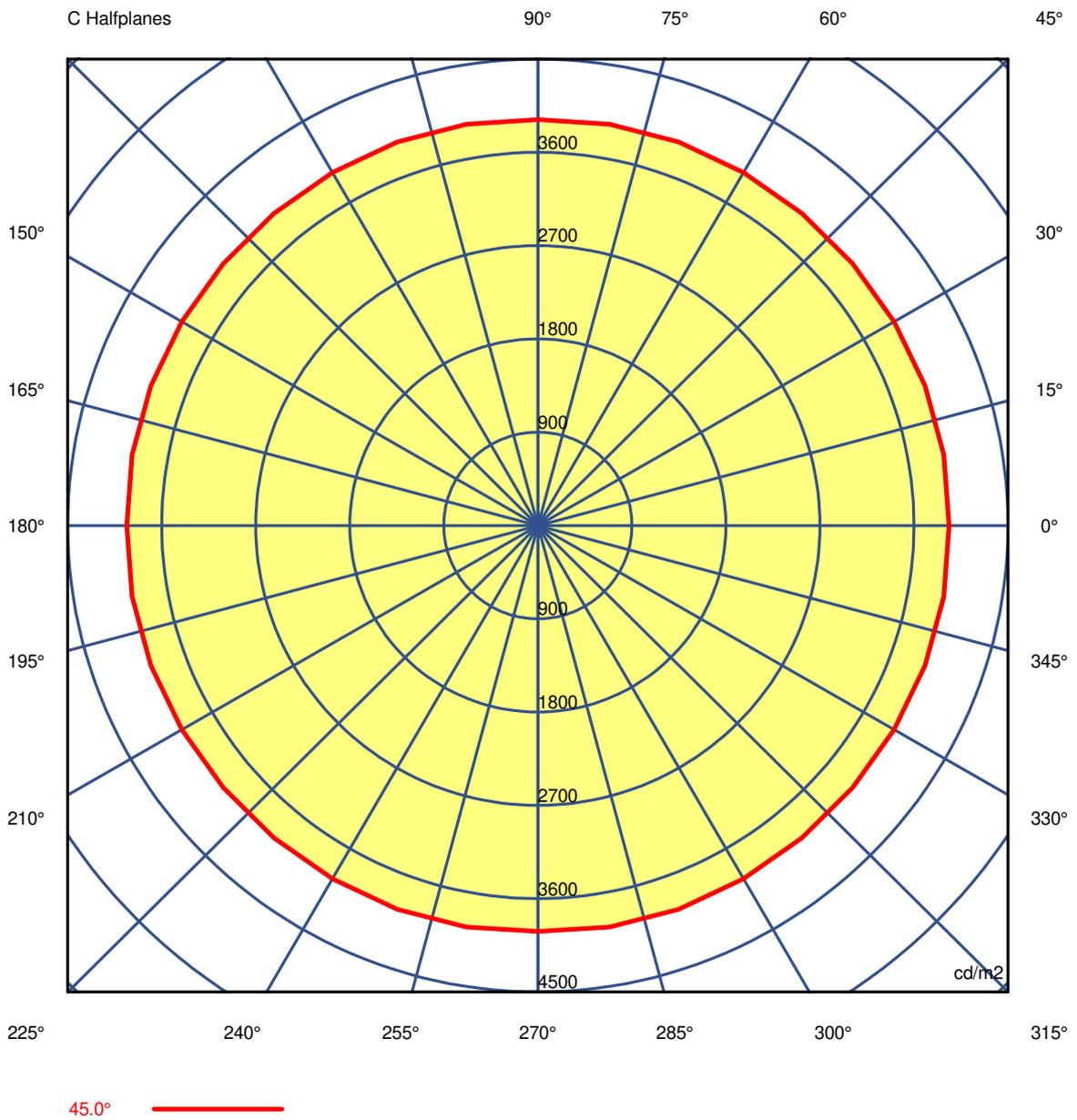
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Source Flux	21496 lm	Maximum value	328.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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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	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758
G 5.0	5678	5678	5678	5678	5678	5678	5678	5680	5680	5678	5680	5680	5678
G 10.0	5573	5572	5571	5571	5572	5574	5575	5574	5573	5575	5573	5574	5575
G 15.0	5447	5446	5445	5445	5446	5448	5449	5449	5449	5449	5449	5449	5449
G 20.0	5298	5298	5298	5298	5299	5300	5301	5303	5303	5303	5303	5303	5301
G 25.0	5116	5116	5118	5120	5118	5116	5118	5121	5121	5118	5121	5121	5118
G 30.0	4900	4907	4910	4907	4902	4903	4909	4910	4906	4900	4906	4910	4909
G 35.0	4651	4653	4656	4654	4647	4647	4654	4654	4650	4647	4650	4654	4654
G 40.0	4347	4344	4342	4343	4345	4344	4341	4344	4344	4339	4344	4344	4341
G 45.0	3934	3943	3943	3936	3932	3932	3934	3939	3934	3917	3934	3939	3934
G 50.0	3256	3215	3198	3219	3264	3253	3198	3194	3229	3275	3229	3194	3198
G 55.0	2534	2430	2390	2442	2540	2506	2383	2391	2453	2498	2453	2391	2383
G 60.0	1796	1882	1918	1881	1806	1823	1909	1909	1855	1796	1855	1909	1909
G 65.0	1386	1566	1657	1598	1431	1458	1650	1671	1562	1415	1562	1671	1650
G 70.0	1154	1260	1337	1323	1190	1170	1285	1324	1263	1143	1263	1324	1285
G 75.0	904	986	1048	1035	918	907	1021	1063	999	867	999	1063	1021
G 80.0	924	903	893	902	917	911	890	890	903	919	903	890	890
G 85.0	653	618	597	605	638	634	597	596	613	629	613	596	597
G 90.0	158	158	158	158	158	158	158	158	154	144	154	158	158

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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	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758
G 5.0	5678	5678	5678	5678	5678	5678	5678	5678	5678	5678	5678	5678	5680
G 10.0	5574	5572	5571	5571	5572	5573	5572	5571	5571	5572	5574	5575	5574
G 15.0	5448	5446	5445	5445	5446	5447	5446	5445	5445	5446	5448	5449	5449
G 20.0	5300	5299	5298	5298	5298	5298	5298	5298	5298	5299	5300	5301	5303
G 25.0	5116	5118	5120	5118	5116	5116	5116	5118	5120	5118	5116	5118	5121
G 30.0	4903	4902	4907	4910	4907	4900	4907	4910	4907	4902	4903	4909	4910
G 35.0	4647	4647	4654	4656	4653	4651	4653	4656	4654	4647	4654	4654	4654
G 40.0	4344	4345	4343	4342	4344	4347	4344	4342	4343	4345	4344	4341	4344
G 45.0	3932	3932	3936	3943	3943	3934	3943	3943	3936	3932	3932	3934	3939
G 50.0	3253	3264	3219	3198	3215	3256	3215	3198	3219	3264	3253	3198	3194
G 55.0	2506	2540	2442	2390	2430	2534	2430	2390	2442	2540	2506	2383	2391
G 60.0	1823	1806	1881	1918	1882	1796	1882	1918	1881	1806	1823	1909	1909
G 65.0	1458	1431	1598	1657	1566	1386	1566	1657	1598	1431	1458	1650	1671
G 70.0	1170	1190	1323	1337	1260	1154	1260	1337	1323	1190	1170	1285	1324
G 75.0	907	918	1035	1048	986	904	986	1048	1035	918	907	1021	1063
G 80.0	911	917	902	893	903	924	903	893	902	917	911	890	890
G 85.0	634	638	605	597	618	653	618	597	605	638	634	597	596
G 90.0	158	158	158	158	158	158	158	158	158	158	158	158	158

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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	5758	5758	5758	5758	5758	5758	5758	5758	5758	5758
G 5.0	5680	5678	5680	5680	5678	5678	5678	5678	5678	5678
G 10.0	5573	5575	5573	5574	5575	5574	5572	5571	5571	5572
G 15.0	5449	5449	5449	5449	5449	5448	5446	5445	5445	5446
G 20.0	5303	5303	5303	5303	5301	5300	5299	5298	5298	5298
G 25.0	5121	5118	5121	5121	5118	5116	5118	5120	5118	5116
G 30.0	4906	4900	4906	4910	4909	4903	4902	4907	4910	4907
G 35.0	4650	4647	4650	4654	4654	4647	4647	4654	4656	4653
G 40.0	4344	4339	4344	4344	4341	4344	4345	4343	4342	4344
G 45.0	3934	3917	3934	3939	3934	3932	3932	3936	3943	3943
G 50.0	3229	3275	3229	3194	3198	3253	3264	3219	3198	3215
G 55.0	2453	2498	2453	2391	2383	2506	2540	2442	2390	2430
G 60.0	1855	1796	1855	1909	1909	1823	1806	1881	1918	1882
G 65.0	1562	1415	1562	1671	1650	1458	1431	1598	1657	1566
G 70.0	1263	1143	1263	1324	1285	1170	1190	1323	1337	1260
G 75.0	999	867	999	1063	1021	907	918	1035	1048	986
G 80.0	903	919	903	890	890	911	917	902	893	903
G 85.0	613	629	613	596	597	634	638	605	597	618
G 90.0	154	144	154	158	158	158	158	158	158	158