

Luminaire

Code 90619L600

Name ROFY 85 D0600 LIGHT+ 840 HO

Measurem.

Code 4/8/2023

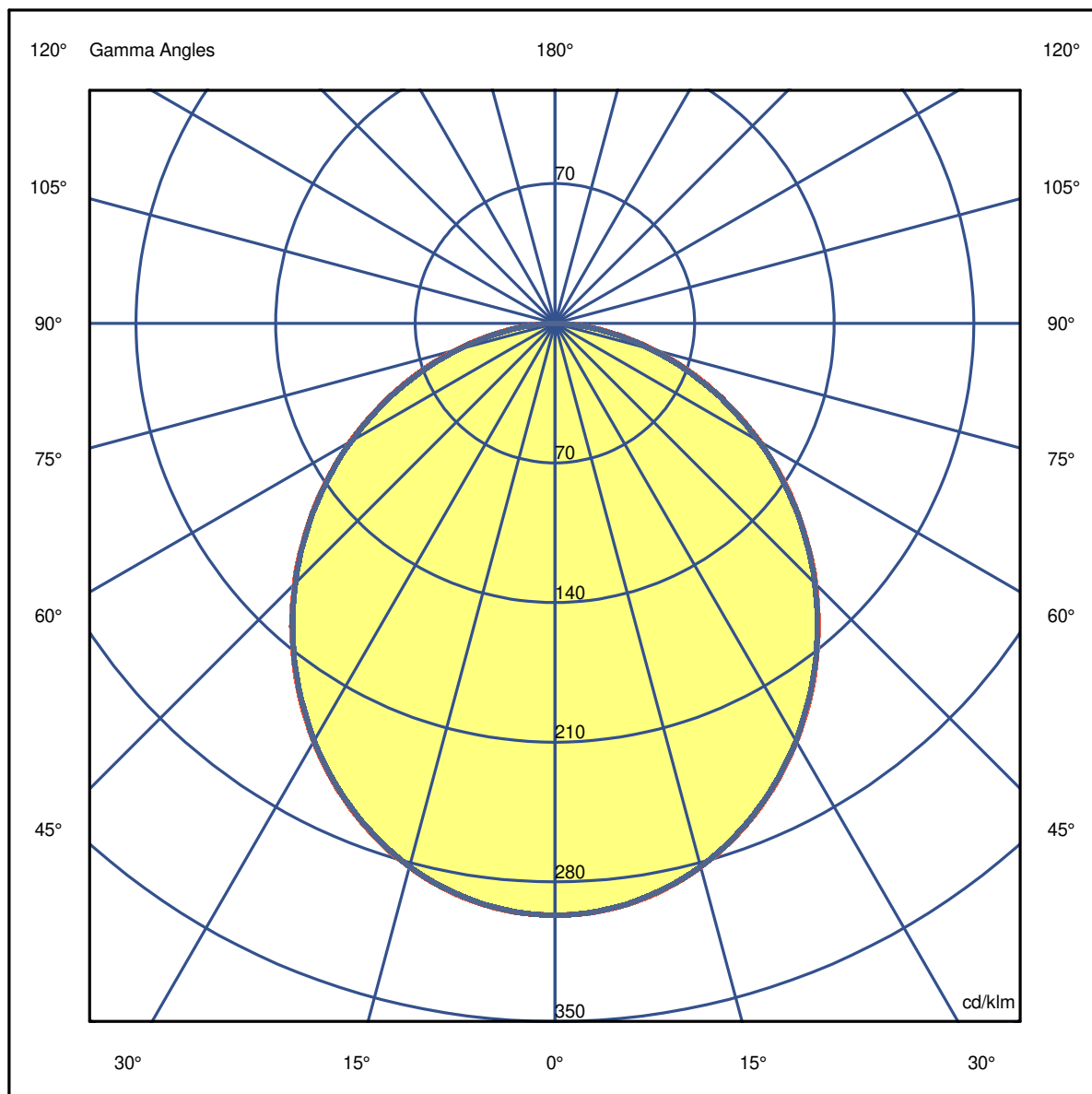
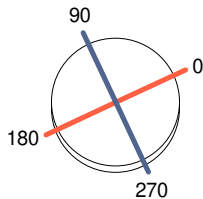
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Luminaire Flux	6563 lm	Luminaire Power	43.5 W	Efficacy	150.943 lm/W	Efficiency	79.57%
Source Flux	8248 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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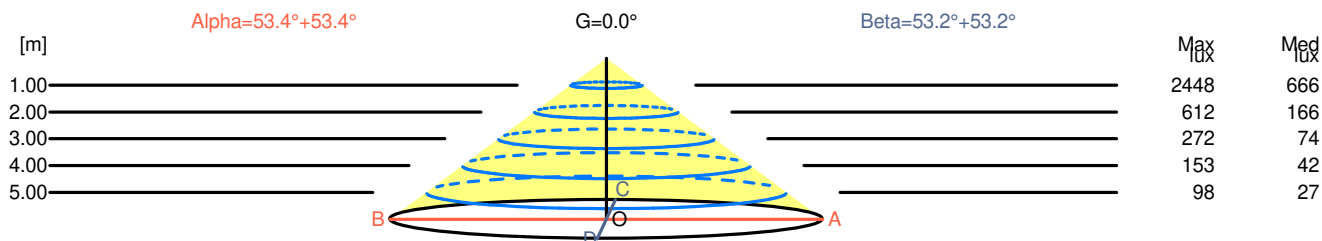
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Width at 50.00 % of Max Intensity

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	2.67	4.01	5.35	6.68
OB	1.34	2.69	4.03	5.38	6.72	OD	1.34	2.67	4.01	5.35	6.68

	0	5	15	25	35	45	55	65	75	85
OA	2448.01	2433.98	2325.94	2125.51	1849.20	1523.41	1162.97	787.68	419.00	103.10
OB	2448.01	2433.98	2325.94	2125.51	1849.20	1523.41	1162.97	787.68	419.00	103.10
OC	2448.01	2431.51	2324.29	2120.56	1845.90	1518.46	1158.02	781.09	408.28	94.85
OD	2448.01	2431.51	2324.29	2120.56	1845.90	1518.46	1158.02	781.09	408.28	94.85



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0	
1.00	2.69	2448	666			
2.00	5.38	612	166			
3.00	8.07	272	74			
4.00	10.76	153	42			
5.00	13.44	98	27			

H[m]	D[m]	Max lux	Med lux	Beta=53.2°+53.2°	G=0.0	
1.00	2.67	2448	666			
2.00	5.35	612	166			
3.00	8.02	272	74			
4.00	10.69	153	42			
5.00	13.36	98	27			

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Source Flux	8248 lm	Maximum value	296.80 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	18.8	20.2	19.1	20.4	20.6	18.8	20.1	19.1	20.4	20.6
x=2H y=3H	20.2	21.4	20.5	21.6	21.9	20.1	21.3	20.4	21.6	21.9
x=2H y=4H	20.6	21.8	21.0	22.1	22.3	20.6	21.7	20.9	22.0	22.3
x=2H y=6H	21.0	22.0	21.3	22.3	22.6	20.9	21.9	21.2	22.2	22.5
x=2H y=8H	21.0	22.0	21.4	22.3	22.7	21.0	21.9	21.3	22.3	22.6
x=2H y=12H	21.1	22.0	21.4	22.3	22.7	21.0	21.9	21.3	22.2	22.6
x=4H y=2H	19.4	20.5	19.8	20.8	21.1	19.4	20.5	19.8	20.8	21.1
x=4H y=3H	20.9	21.9	21.3	22.2	22.6	20.9	21.9	21.3	22.2	22.5
x=4H y=4H	21.6	22.4	21.9	22.7	23.1	21.5	22.3	21.9	22.7	23.0
x=4H y=6H	22.0	22.7	22.4	23.1	23.5	21.9	22.6	22.3	23.0	23.4
x=4H y=8H	22.1	22.7	22.5	23.1	23.6	22.0	22.6	22.4	23.1	23.5
x=4H y=12H	22.1	22.7	22.6	23.1	23.6	22.0	22.6	22.5	23.0	23.5
x=8H y=4H	21.8	22.4	22.2	22.8	23.3	21.7	22.4	22.2	22.8	23.2
x=8H y=6H	22.3	22.8	22.7	23.3	23.7	22.2	22.8	22.7	23.2	23.6
x=8H y=8H	22.4	22.9	22.9	23.4	23.9	22.3	22.8	22.8	23.3	23.8
x=8H y=12H	22.6	23.0	23.0	23.4	23.9	22.4	22.9	22.9	23.3	23.8
x=12H y=4H	21.8	22.4	22.2	22.8	23.2	21.7	22.3	22.2	22.7	23.2
x=12H y=6H	22.3	22.8	22.8	23.2	23.7	22.2	22.7	22.7	23.2	23.6
x=12H y=8H	22.5	22.9	23.0	23.4	23.9	22.4	22.8	22.9	23.3	23.8

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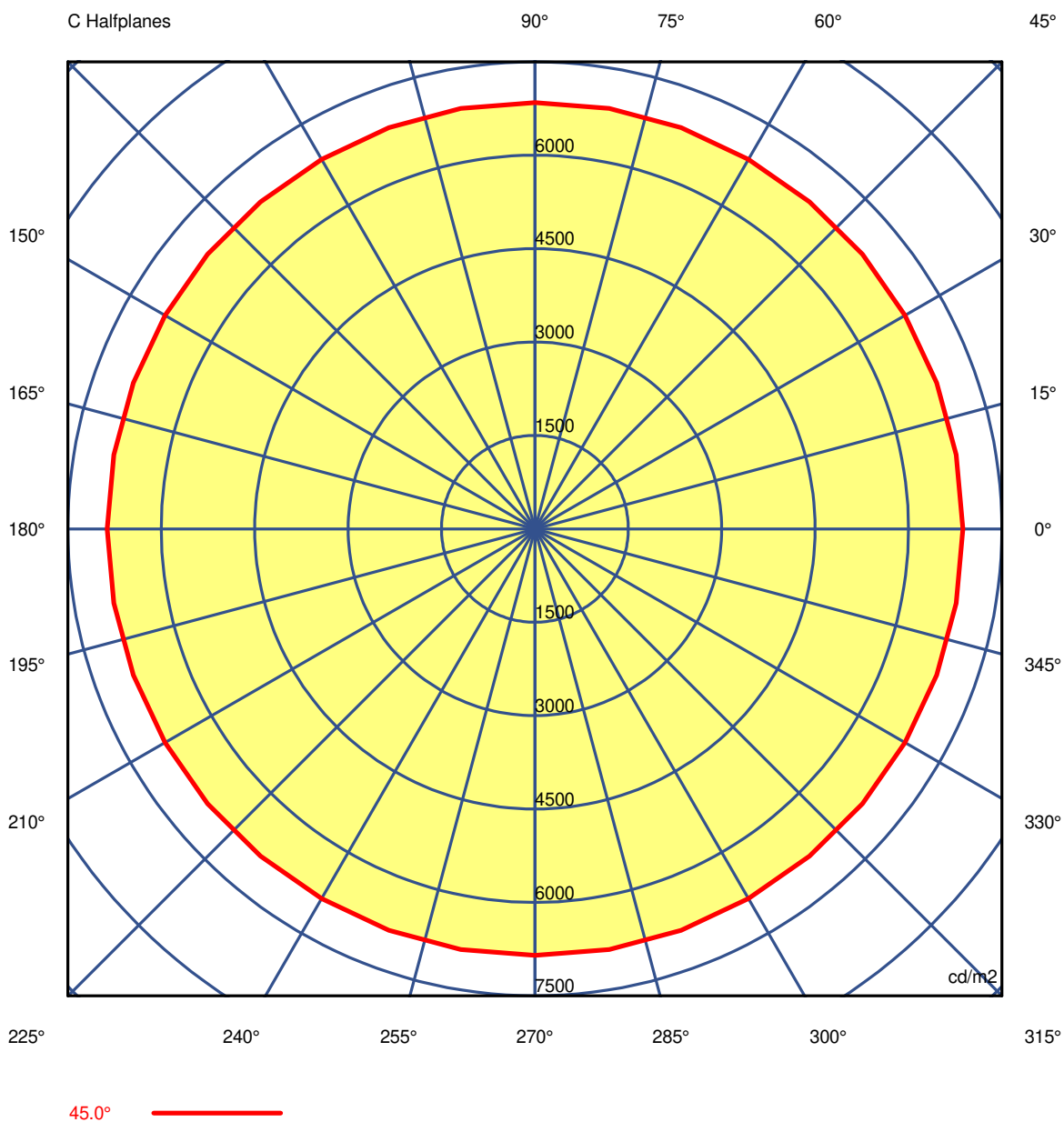
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Luminaire Flux	6563 lm	Luminaire Power	43.5 W	Efficacy	150.943 lm/W	Efficiency	79.57%
Source Flux	8248 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Luminaire Flux	6563 lm		Luminaire Power		43.5 W		Efficacy		150.943 lm/W		Efficiency		79.57%	
Source Flux	8248 lm		Maximum value		296.80 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	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265	
G 5.0	9099	9099	9099	9099	9102	9101	9099	9102	9100	9090	9100	9102	9099	
G 10.0	8906	8909	8907	8903	8904	8908	8909	8908	8903	8894	8903	8908	8909	
G 15.0	8680	8685	8687	8686	8684	8684	8686	8685	8680	8674	8680	8685	8686	
G 20.0	8437	8440	8438	8434	8434	8434	8434	8434	8431	8421	8431	8434	8434	
G 25.0	8166	8164	8163	8163	8163	8162	8160	8158	8154	8147	8154	8158	8160	
G 30.0	7872	7872	7870	7869	7871	7870	7865	7867	7868	7862	7868	7867	7865	
G 35.0	7557	7557	7556	7554	7554	7552	7550	7550	7549	7543	7549	7550	7550	
G 40.0	7223	7223	7221	7216	7219	7219	7216	7216	7214	7206	7214	7216	7216	
G 45.0	6872	6870	6865	6861	6864	6861	6853	6858	6860	6850	6860	6858	6853	
G 50.0	6484	6480	6482	6484	6479	6474	6472	6470	6466	6460	6466	6470	6472	
G 55.0	6059	6059	6057	6051	6047	6048	6051	6046	6039	6034	6039	6046	6051	
G 60.0	5596	5589	5585	5582	5576	5571	5568	5562	5556	5554	5556	5562	5568	
G 65.0	5038	5035	5031	5028	5025	5019	5012	5008	5004	4996	5004	5008	5012	
G 70.0	4405	4391	4385	4381	4365	4351	4345	4341	4335	4326	4335	4341	4345	
G 75.0	3612	3607	3602	3591	3567	3546	3534	3529	3525	3520	3525	3529	3534	
G 80.0	2655	2651	2639	2620	2605	2579	2550	2543	2538	2524	2538	2543	2550	
G 85.0	1429	1441	1433	1406	1383	1360	1338	1329	1323	1315	1323	1329	1338	
G 90.0	201	188	184	184	184	184	184	184	184	184	184	184	184	

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Source Flux	8248 lm		Maximum value		296.80 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	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265	
G 5.0	9101	9102	9099	9099	9099	9099	9099	9099	9099	9102	9101	9099	9102	
G 10.0	8908	8904	8903	8907	8909	8906	8909	8907	8903	8904	8908	8909	8908	
G 15.0	8684	8684	8686	8687	8685	8680	8685	8687	8686	8684	8684	8686	8685	
G 20.0	8434	8434	8434	8438	8440	8437	8440	8438	8434	8434	8434	8434	8434	
G 25.0	8162	8163	8163	8163	8164	8166	8164	8163	8163	8163	8162	8160	8158	
G 30.0	7870	7871	7869	7870	7872	7872	7872	7870	7869	7871	7870	7865	7867	
G 35.0	7552	7554	7554	7556	7557	7557	7557	7556	7554	7554	7552	7550	7550	
G 40.0	7219	7219	7216	7221	7223	7223	7223	7221	7216	7219	7219	7216	7216	
G 45.0	6861	6864	6861	6865	6870	6872	6870	6865	6861	6864	6861	6853	6858	
G 50.0	6474	6479	6484	6482	6480	6484	6480	6482	6484	6479	6474	6472	6470	
G 55.0	6048	6047	6051	6057	6059	6059	6059	6057	6051	6047	6048	6051	6046	
G 60.0	5571	5576	5582	5585	5589	5596	5589	5585	5582	5576	5571	5568	5562	
G 65.0	5019	5025	5028	5031	5035	5038	5035	5031	5028	5025	5019	5012	5008	
G 70.0	4351	4365	4381	4385	4391	4405	4391	4385	4381	4365	4351	4345	4341	
G 75.0	3546	3567	3591	3602	3607	3612	3607	3602	3591	3567	3546	3534	3529	
G 80.0	2579	2605	2620	2639	2651	2655	2651	2639	2620	2605	2579	2550	2543	
G 85.0	1360	1383	1406	1433	1441	1429	1441	1433	1406	1383	1360	1338	1329	
G 90.0	184	184	184	184	188	201	188	184	184	184	184	184	184	

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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	9265	9265	9265	9265	9265	9265	9265	9265	9265	9265
G 5.0	9100	9090	9100	9102	9099	9101	9102	9099	9099	9099
G 10.0	8903	8894	8903	8908	8909	8908	8904	8903	8907	8909
G 15.0	8680	8674	8680	8685	8686	8684	8684	8686	8687	8685
G 20.0	8431	8421	8431	8434	8434	8434	8434	8434	8438	8440
G 25.0	8154	8147	8154	8158	8160	8162	8163	8163	8163	8164
G 30.0	7868	7862	7868	7867	7865	7870	7871	7869	7870	7872
G 35.0	7549	7543	7549	7550	7550	7552	7554	7554	7556	7557
G 40.0	7214	7206	7214	7216	7216	7219	7219	7216	7221	7223
G 45.0	6860	6850	6860	6858	6853	6861	6864	6861	6865	6870
G 50.0	6466	6460	6466	6470	6472	6474	6479	6484	6482	6480
G 55.0	6039	6034	6039	6046	6051	6048	6047	6051	6057	6059
G 60.0	5556	5554	5556	5562	5568	5571	5576	5582	5585	5589
G 65.0	5004	4996	5004	5008	5012	5019	5025	5028	5031	5035
G 70.0	4335	4326	4335	4341	4345	4351	4365	4381	4385	4391
G 75.0	3525	3520	3525	3529	3534	3546	3567	3591	3602	3607
G 80.0	2538	2524	2538	2543	2550	2579	2605	2620	2639	2651
G 85.0	1323	1315	1323	1329	1338	1360	1383	1406	1433	1441
G 90.0	184	184	184	184	184	184	184	184	184	188