

Luminaire

Code 90621L600
Name ROFY 85 /E D0600 LIGHT+ K3 840 HO

Measurem.

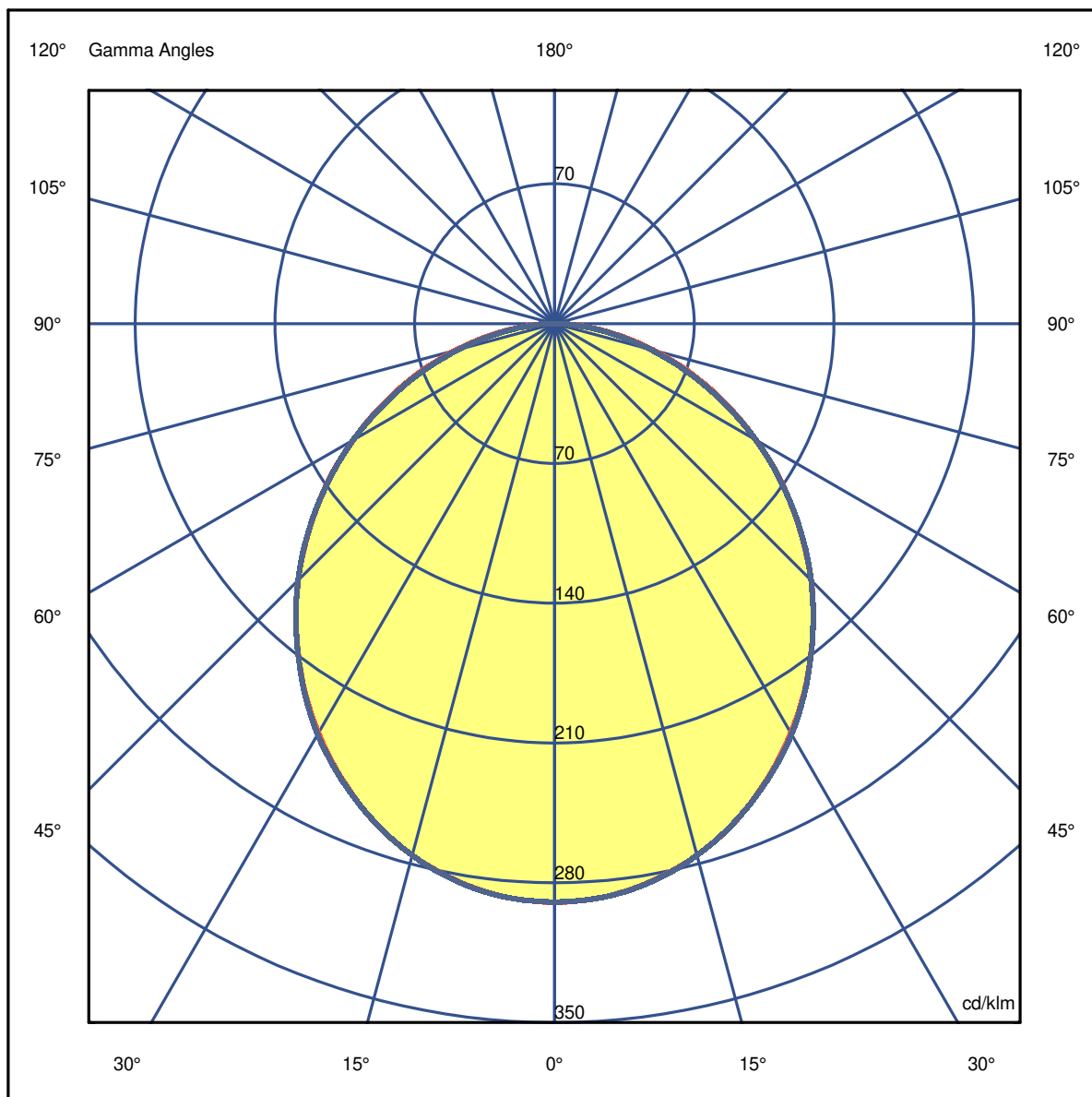
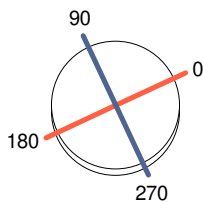
Code 25/7/2023
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Luminaire Flux	6482 lm	Luminaire Power	43.5 W	Efficacy	149.082 lm/W	Efficiency	78.59%
Source Flux	8248 lm	Maximum value	289.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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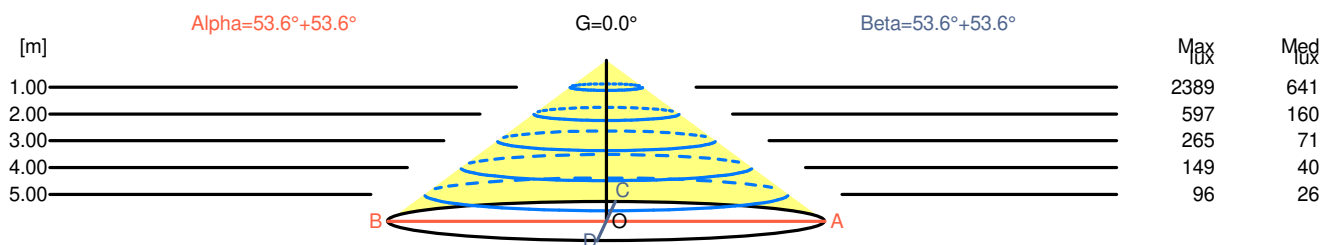
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Width at 50.00 % of Max Intensity

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	1.36	2.72	4.08	5.44	6.79	OC	1.36	2.71	4.07	5.43	6.78
OB	1.36	2.72	4.08	5.44	6.79	OD	1.36	2.71	4.07	5.43	6.78

	0	5	15	25	35	45	55	65	75	85
OA	2389.45	2376.25	2273.15	2076.85	1812.91	1498.66	1146.47	776.96	421.47	116.30
OB	2389.45	2376.25	2273.15	2076.85	1812.91	1498.66	1146.47	776.96	421.47	116.30
OC	2389.45	2376.25	2273.15	2079.32	1815.38	1498.66	1144.00	769.54	407.45	107.22
OD	2389.45	2376.25	2273.15	2079.32	1815.38	1498.66	1144.00	769.54	407.45	107.22



H[m]	D[m]	Max lux	Med lux	Alpha=53.6°+53.6°	G=0.0
1.00	2.72	2389	641		
2.00	5.44	597	160		
3.00	8.15	265	71		
4.00	10.87	149	40		
5.00	13.59	96	26		

H[m]	D[m]	Max lux	Med lux	Beta=53.6°+53.6°	G=0.0
1.00	2.71	2389	641		
2.00	5.43	597	160		
3.00	8.14	265	71		
4.00	10.85	149	40		
5.00	13.57	96	26		

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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	18.8	20.1	19.1	20.3	20.6	18.8	20.1	19.1	20.3	20.6
x=2H y=3H	20.1	21.3	20.4	21.6	21.8	20.1	21.3	20.4	21.6	21.8
x=2H y=4H	20.6	21.7	20.9	22.0	22.3	20.6	21.7	20.9	22.0	22.2
x=2H y=6H	20.9	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	20.9	21.9	21.3	22.2	22.6
x=2H y=12H	21.0	22.0	21.4	22.3	22.7	20.9	21.9	21.3	22.2	22.6
x=4H y=2H	19.4	20.5	19.7	20.8	21.1	19.4	20.5	19.7	20.8	21.1
x=4H y=3H	20.9	21.9	21.3	22.2	22.5	20.9	21.8	21.3	22.1	22.5
x=4H y=4H	21.5	22.4	21.9	22.7	23.1	21.5	22.3	21.9	22.7	23.0
x=4H y=6H	21.9	22.7	22.4	23.1	23.5	21.9	22.6	22.3	23.0	23.4
x=4H y=8H	22.0	22.7	22.5	23.1	23.6	22.0	22.7	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	23.1	23.5
x=8H y=4H	21.7	22.4	22.2	22.8	23.2	21.7	22.4	22.1	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	23.7
x=8H y=8H	22.4	22.9	22.9	23.4	23.9	22.4	22.8	22.8	23.3	23.8
x=8H y=12H	22.6	23.0	23.0	23.4	23.9	22.5	22.9	22.9	23.3	23.9
x=12H y=4H	21.7	22.4	22.2	22.8	23.2	21.7	22.3	22.1	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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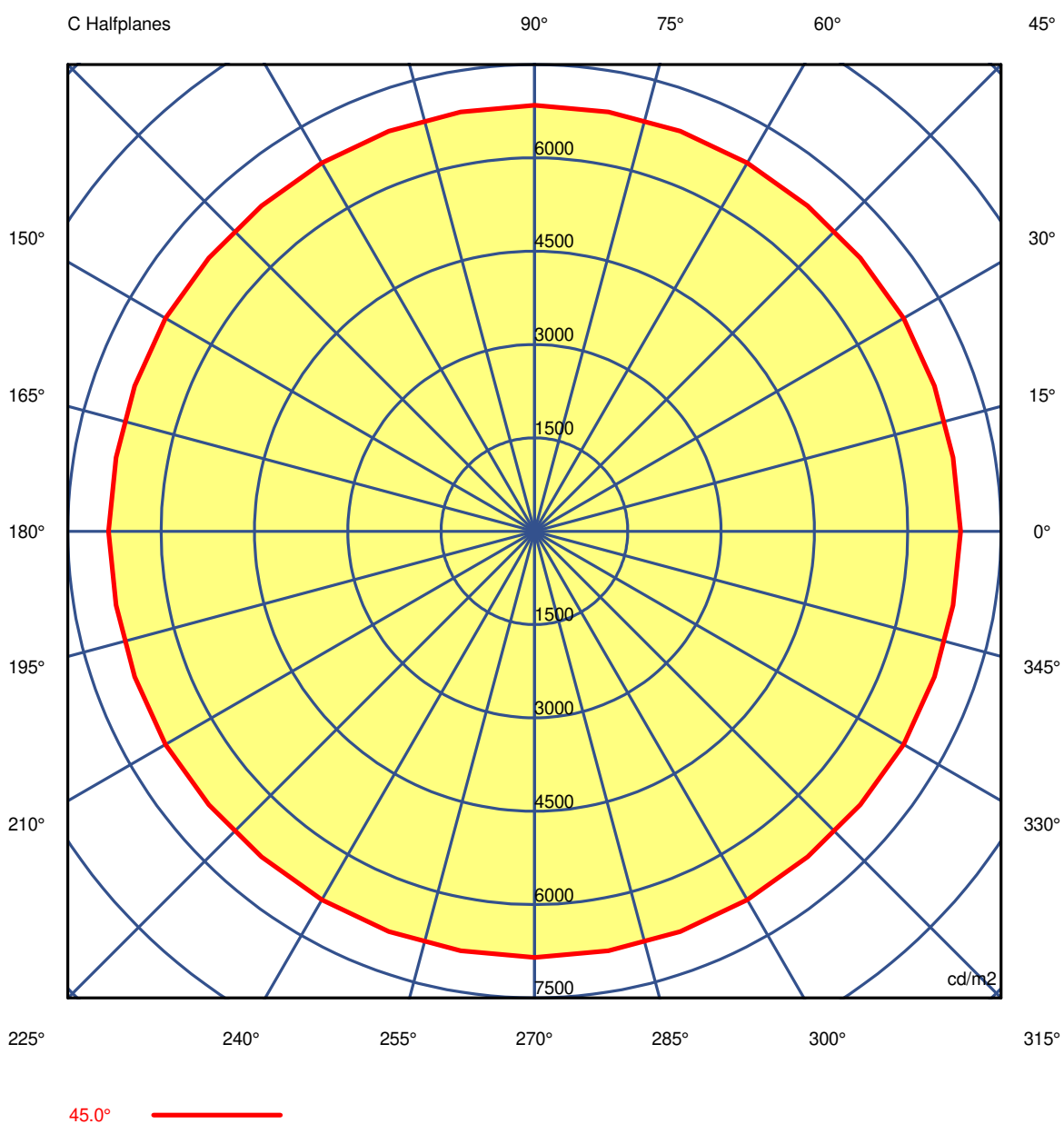
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Source Flux	8248 lm	Maximum value	289.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Source Flux	8248 lm		Maximum value		289.70 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	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299	
G 5.0	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119	
G 10.0	8908	8913	8916	8915	8912	8913	8915	8913	8912	8915	8912	8913	8915	
G 15.0	8682	8678	8680	8685	8683	8682	8682	8682	8682	8682	8682	8682	8682	
G 20.0	8427	8424	8424	8427	8428	8426	8424	8424	8424	8424	8424	8424	8424	
G 25.0	8140	8148	8151	8150	8147	8147	8150	8153	8153	8150	8153	8153	8150	
G 30.0	7845	7847	7851	7855	7851	7847	7848	7857	7865	7868	7865	7857	7848	
G 35.0	7532	7535	7536	7536	7546	7549	7543	7539	7540	7543	7540	7539	7543	
G 40.0	7198	7193	7199	7208	7199	7193	7198	7201	7200	7194	7200	7201	7198	
G 45.0	6846	6831	6837	6850	6834	6827	6838	6845	6846	6846	6846	6845	6838	
G 50.0	6438	6447	6440	6430	6449	6459	6446	6438	6441	6450	6441	6438	6446	
G 55.0	6018	6012	6007	6001	5993	5995	6005	6013	6012	6005	6012	6013	6005	
G 60.0	5521	5521	5523	5525	5517	5519	5530	5529	5522	5516	5522	5529	5530	
G 65.0	4971	4962	4963	4971	4967	4952	4940	4943	4941	4924	4941	4943	4940	
G 70.0	4366	4328	4318	4318	4300	4297	4306	4287	4276	4276	4276	4287	4306	
G 75.0	3592	3567	3549	3536	3518	3519	3529	3508	3484	3472	3484	3508	3529	
G 80.0	2685	2650	2643	2643	2593	2575	2591	2566	2538	2531	2538	2566	2591	
G 85.0	1554	1536	1532	1532	1503	1479	1466	1443	1433	1433	1433	1443	1466	
G 90.0	596	497	511	564	493	493	564	505	465	517	465	505	564	

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Source Flux	8248 lm		Maximum value		289.70 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	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299	
G 5.0	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119	
G 10.0	8913	8912	8915	8916	8913	8908	8913	8916	8915	8912	8913	8915	8913	
G 15.0	8682	8683	8685	8680	8678	8682	8678	8680	8685	8683	8682	8682	8682	
G 20.0	8426	8428	8427	8424	8424	8427	8424	8424	8427	8428	8426	8424	8424	
G 25.0	8147	8147	8150	8151	8148	8140	8148	8151	8150	8147	8147	8150	8153	
G 30.0	7847	7851	7855	7851	7847	7845	7847	7851	7855	7851	7847	7848	7857	
G 35.0	7549	7546	7536	7536	7535	7532	7535	7536	7536	7546	7549	7543	7539	
G 40.0	7193	7199	7208	7199	7193	7198	7193	7199	7208	7199	7193	7198	7201	
G 45.0	6827	6834	6850	6837	6831	6846	6831	6837	6850	6834	6827	6838	6845	
G 50.0	6459	6449	6430	6440	6447	6438	6447	6440	6430	6449	6459	6446	6438	
G 55.0	5995	5993	6001	6007	6012	6018	6012	6007	6001	5993	5995	6005	6013	
G 60.0	5519	5517	5525	5523	5521	5521	5521	5523	5525	5517	5519	5530	5529	
G 65.0	4952	4967	4971	4963	4962	4971	4962	4963	4971	4967	4952	4940	4943	
G 70.0	4297	4300	4318	4318	4328	4366	4328	4318	4318	4300	4297	4306	4287	
G 75.0	3519	3518	3536	3549	3567	3592	3567	3549	3536	3518	3519	3529	3508	
G 80.0	2575	2593	2643	2643	2650	2685	2650	2643	2643	2593	2575	2591	2566	
G 85.0	1479	1503	1532	1532	1536	1554	1536	1532	1532	1503	1479	1466	1443	
G 90.0	493	493	564	511	497	596	497	511	564	493	493	564	505	

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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	9299	9299	9299	9299	9299	9299	9299	9299	9299	9299
G 5.0	9119	9119	9119	9119	9119	9119	9119	9119	9119	9119
G 10.0	8912	8915	8912	8913	8915	8913	8912	8915	8916	8913
G 15.0	8682	8682	8682	8682	8682	8682	8683	8685	8680	8678
G 20.0	8424	8424	8424	8424	8424	8426	8428	8427	8424	8424
G 25.0	8153	8150	8153	8153	8150	8147	8147	8150	8151	8148
G 30.0	7865	7868	7865	7857	7848	7847	7851	7855	7851	7847
G 35.0	7540	7543	7540	7539	7543	7549	7546	7536	7536	7535
G 40.0	7200	7194	7200	7201	7198	7193	7199	7208	7199	7193
G 45.0	6846	6846	6846	6845	6838	6827	6834	6850	6837	6831
G 50.0	6441	6450	6441	6438	6446	6459	6449	6430	6440	6447
G 55.0	6012	6005	6012	6013	6005	5995	5993	6001	6007	6012
G 60.0	5522	5516	5522	5529	5530	5519	5517	5525	5523	5521
G 65.0	4941	4924	4941	4943	4940	4952	4967	4971	4963	4962
G 70.0	4276	4276	4276	4287	4306	4297	4300	4318	4318	4328
G 75.0	3484	3472	3484	3508	3529	3519	3518	3536	3549	3567
G 80.0	2538	2531	2538	2566	2591	2575	2593	2643	2643	2650
G 85.0	1433	1433	1433	1443	1466	1479	1503	1532	1532	1536
G 90.0	465	517	465	505	564	493	493	564	511	497