

Luminaire

Code 90622L600

Name ROFY 85 /E D0600 GCONTROL+ K3 840 HO

Measurem.

Code 25/7/2023

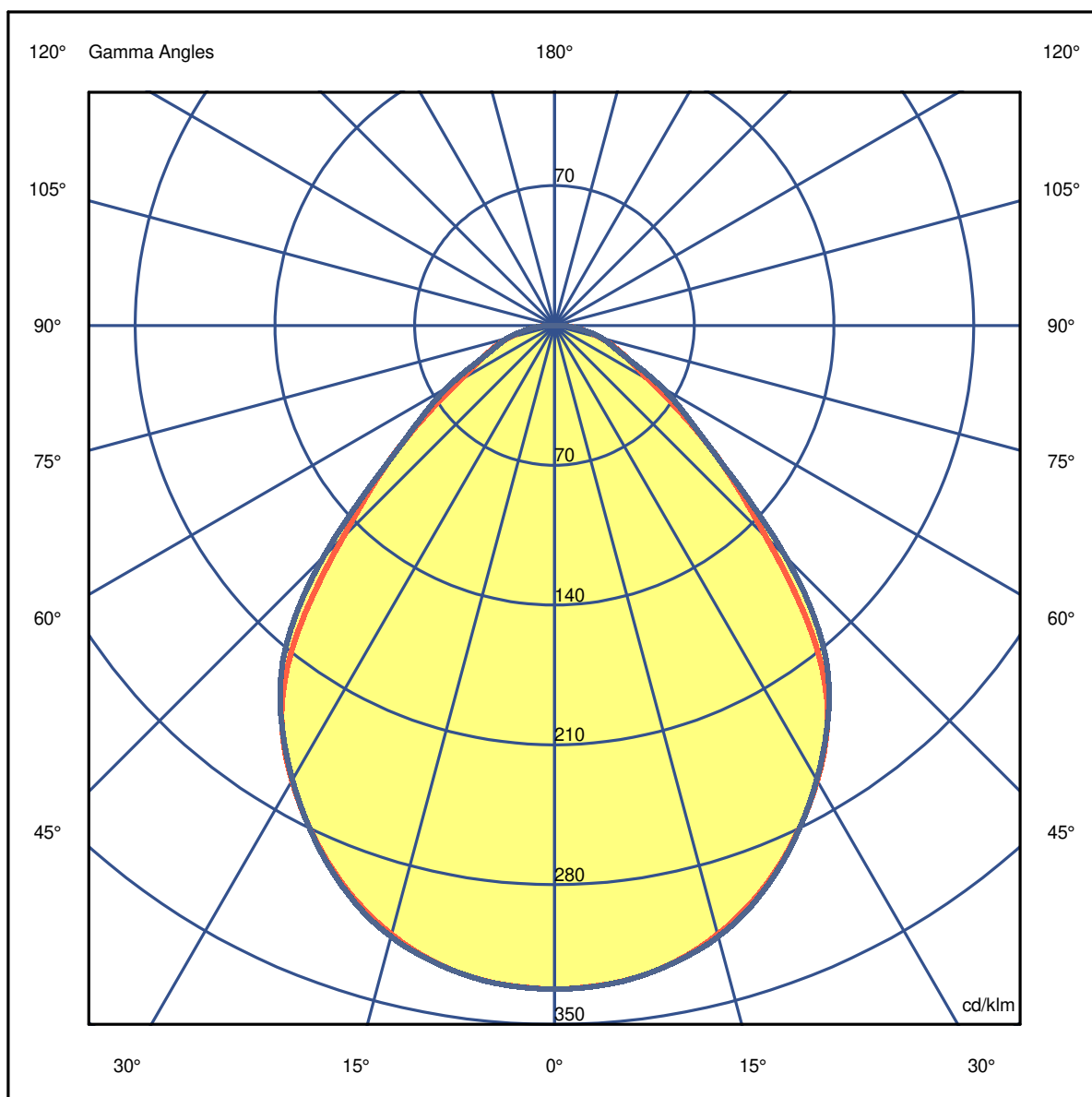
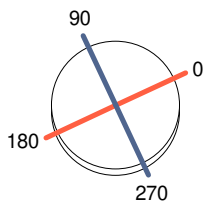
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Luminaire Flux	5551 lm	Luminaire Power	43.5 W	Efficacy	127.677 lm/W	Efficiency	67.31%
Source Flux	8248 lm	Maximum value	332.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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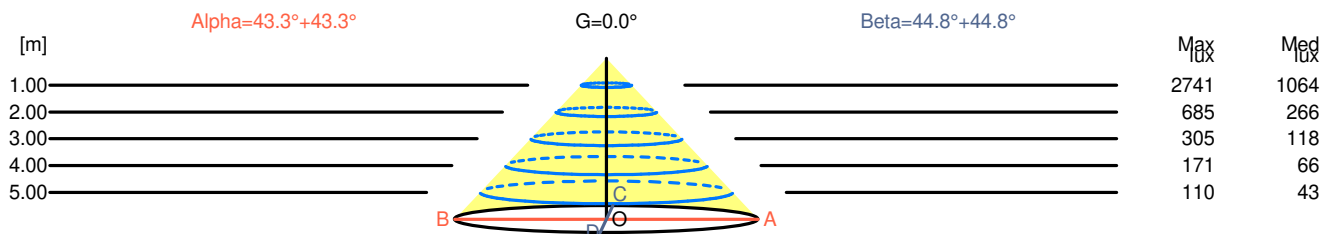
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Width at 50.00 % of Max Intensity

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	0.94	1.89	2.83	3.77	4.72	OC	0.99	1.98	2.98	3.97	4.96
OB	0.94	1.89	2.83	3.77	4.72	OD	0.99	1.98	2.98	3.97	4.96

	0	5	15	25	35	45	55	65	75	85
OA	2740.81	2727.61	2603.07	2340.78	1966.32	1235.55	652.42	342.29	197.95	74.23
OB	2740.81	2727.61	2603.07	2340.78	1966.32	1235.55	652.42	342.29	197.95	74.23
OC	2740.81	2728.44	2612.97	2344.08	1971.27	1350.20	682.11	348.89	202.90	72.58
OD	2740.81	2728.44	2612.97	2344.08	1971.27	1350.20	682.11	348.89	202.90	72.58



H[m]	D[m]	Max lux	Med lux	Alpha=43.3°+43.3°	G=0.0	
1.00	1.89	2741	1064			
2.00	3.77	685	266			
3.00	5.66	305	118			
4.00	7.55	171	66			
5.00	9.43	110	43			

H[m]	D[m]	Max lux	Med lux	Beta=44.8°+44.8°	G=0.0	
1.00	1.98	2741	1064			
2.00	3.97	685	266			
3.00	5.95	305	118			
4.00	7.93	171	66			
5.00	9.92	110	43			

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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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.4	17.5	16.7	17.7	17.9	16.6	17.7	16.8	17.9	18.1
x=2H y=3H	17.0	18.0	17.3	18.2	18.5	17.1	18.2	17.5	18.4	18.7
x=2H y=4H	17.3	18.2	17.6	18.5	18.8	17.4	18.4	17.8	18.6	18.9
x=2H y=6H	17.5	18.4	17.9	18.7	19.0	17.7	18.6	18.0	18.9	19.2
x=2H y=8H	17.6	18.4	17.9	18.7	19.1	17.7	18.6	18.1	18.9	19.2
x=2H y=12H	17.6	18.5	18.0	18.8	19.1	17.8	18.6	18.2	18.9	19.2
x=4H y=2H	16.6	17.6	16.9	17.8	18.1	16.8	17.7	17.1	18.0	18.3
x=4H y=3H	17.4	18.3	17.8	18.6	18.9	17.6	18.4	17.9	18.7	19.0
x=4H y=4H	17.8	18.5	18.2	18.9	19.2	18.0	18.7	18.4	19.0	19.4
x=4H y=6H	18.2	18.8	18.6	19.2	19.6	18.3	19.0	18.8	19.3	19.7
x=4H y=8H	18.3	18.9	18.8	19.3	19.7	18.5	19.0	18.9	19.4	19.8
x=4H y=12H	18.5	19.0	18.9	19.4	19.8	18.6	19.1	19.0	19.5	19.9
x=8H y=4H	18.0	18.6	18.4	19.0	19.4	18.1	18.7	18.6	19.1	19.5
x=8H y=6H	18.5	18.9	18.9	19.4	19.8	18.6	19.1	19.1	19.5	19.9
x=8H y=8H	18.7	19.1	19.2	19.5	20.0	18.8	19.2	19.3	19.6	20.1
x=8H y=12H	18.8	19.2	19.3	19.6	20.2	18.9	19.3	19.4	19.7	20.3
x=12H y=4H	18.0	18.5	18.4	18.9	19.3	18.1	18.6	18.6	19.0	19.5
x=12H y=6H	18.5	18.9	19.0	19.4	19.8	18.6	19.0	19.1	19.5	19.9
x=12H y=8H	18.7	19.1	19.2	19.6	20.1	18.8	19.2	19.3	19.7	20.2

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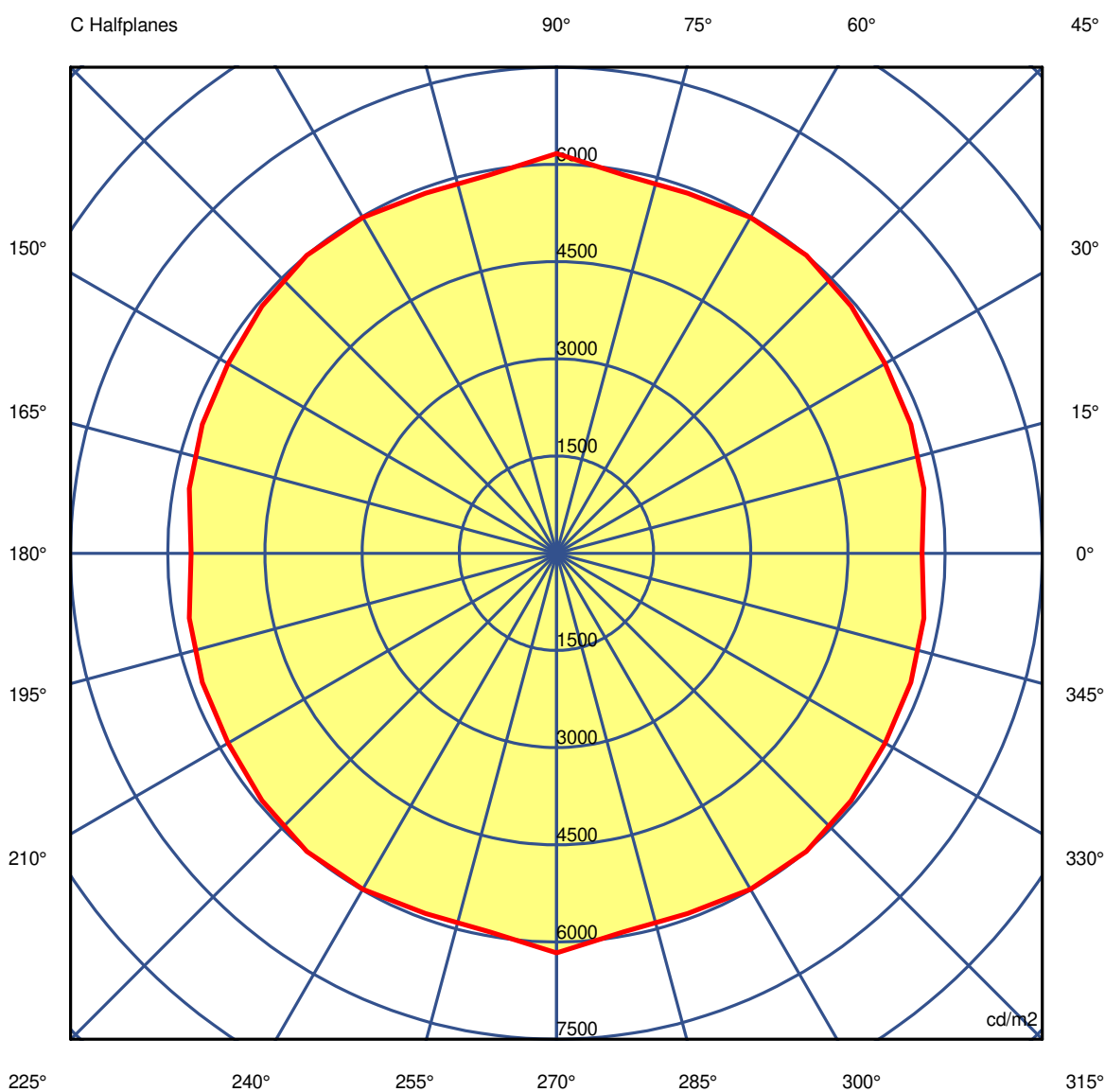
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Source Flux	8248 lm	Maximum value	332.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Luminaire Flux	5551 lm	Luminaire Power					43.5 W	Efficacy		127.677 lm/W		Efficiency		67.31%
Source Flux	8248 lm	Maximum value					332.30 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	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666	
G 5.0	10468	10473	10472	10468	10472	10473	10468	10467	10469	10471	10469	10467	10468	
G 10.0	10236	10240	10235	10226	10226	10225	10223	10234	10239	10239	10239	10234	10223	
G 15.0	9942	9947	9938	9920	9913	9914	9923	9943	9964	9979	9964	9943	9923	
G 20.0	9590	9590	9585	9571	9564	9561	9568	9593	9615	9625	9615	9593	9568	
G 25.0	9175	9168	9173	9184	9184	9184	9184	9189	9191	9188	9191	9189	9184	
G 30.0	8723	8720	8723	8733	8746	8760	8767	8757	8734	8704	8734	8757	8767	
G 35.0	8170	8170	8161	8149	8172	8199	8214	8225	8217	8190	8217	8225	8214	
G 40.0	7155	7275	7282	7233	7286	7322	7305	7323	7390	7487	7390	7323	7305	
G 45.0	5644	5759	5820	5855	5935	6003	5987	5914	5932	6168	5932	5914	5987	
G 50.0	4504	4371	4402	4536	4549	4562	4612	4675	4654	4540	4654	4675	4612	
G 55.0	3425	3433	3481	3511	3439	3421	3511	3605	3627	3581	3627	3605	3511	
G 60.0	2583	2720	2750	2706	2719	2786	2824	2768	2792	2947	2792	2768	2824	
G 65.0	2190	2178	2174	2185	2208	2219	2238	2299	2306	2232	2306	2299	2238	
G 70.0	1946	1928	1902	1886	1906	1916	1904	1899	1895	1886	1895	1899	1904	
G 75.0	1687	1645	1644	1673	1687	1685	1680	1681	1698	1729	1698	1681	1680	
G 80.0	1377	1419	1424	1394	1374	1389	1420	1420	1398	1368	1398	1420	1420	
G 85.0	992	1004	996	970	945	933	937	952	964	970	964	952	937	
G 90.0	549	470	463	486	439	433	470	439	426	470	426	439	470	

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Source Flux	8248 lm	Maximum value		332.30 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	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666
G 5.0	10473	10472	10468	10472	10473	10468	10473	10472	10468	10472	10473	10468	10467
G 10.0	10225	10226	10226	10235	10240	10236	10240	10235	10226	10226	10225	10223	10234
G 15.0	9914	9913	9920	9938	9947	9942	9947	9938	9920	9913	9914	9923	9943
G 20.0	9561	9564	9571	9585	9590	9590	9590	9585	9571	9564	9561	9568	9593
G 25.0	9184	9184	9184	9173	9168	9175	9168	9173	9184	9184	9184	9184	9189
G 30.0	8760	8746	8733	8723	8720	8723	8720	8723	8733	8746	8760	8767	8757
G 35.0	8199	8172	8149	8161	8170	8170	8170	8161	8149	8172	8199	8214	8225
G 40.0	7322	7286	7233	7282	7275	7155	7275	7282	7233	7286	7322	7305	7323
G 45.0	6003	5935	5855	5820	5759	5644	5759	5820	5855	5935	6003	5987	5914
G 50.0	4562	4549	4536	4402	4371	4504	4371	4402	4536	4549	4562	4612	4675
G 55.0	3421	3439	3511	3481	3433	3425	3433	3481	3511	3439	3421	3511	3605
G 60.0	2786	2719	2706	2750	2720	2583	2720	2750	2706	2719	2786	2824	2768
G 65.0	2219	2208	2185	2174	2178	2190	2178	2174	2185	2208	2219	2238	2299
G 70.0	1916	1906	1886	1902	1928	1946	1928	1902	1886	1906	1916	1904	1899
G 75.0	1685	1687	1673	1644	1645	1687	1645	1644	1673	1687	1685	1680	1681
G 80.0	1389	1374	1394	1424	1419	1377	1419	1424	1394	1374	1389	1420	1420
G 85.0	933	945	970	996	1004	992	1004	996	970	945	933	937	952
G 90.0	433	439	486	463	470	549	470	463	486	439	433	470	439

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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	10666	10666	10666	10666	10666	10666	10666	10666	10666	10666
G 5.0	10469	10471	10469	10467	10468	10473	10472	10468	10472	10473
G 10.0	10239	10239	10239	10234	10223	10225	10226	10226	10235	10240
G 15.0	9964	9979	9964	9943	9923	9914	9913	9920	9938	9947
G 20.0	9615	9625	9615	9593	9568	9561	9564	9571	9585	9590
G 25.0	9191	9188	9191	9189	9184	9184	9184	9184	9173	9168
G 30.0	8734	8704	8734	8757	8767	8760	8746	8733	8723	8720
G 35.0	8217	8190	8217	8225	8214	8199	8172	8149	8161	8170
G 40.0	7390	7487	7390	7323	7305	7322	7286	7233	7282	7275
G 45.0	5932	6168	5932	5914	5987	6003	5935	5855	5820	5759
G 50.0	4654	4540	4654	4675	4612	4562	4549	4536	4402	4371
G 55.0	3627	3581	3627	3605	3511	3421	3439	3511	3481	3433
G 60.0	2792	2947	2792	2768	2824	2786	2719	2706	2750	2720
G 65.0	2306	2232	2306	2299	2238	2219	2208	2185	2174	2178
G 70.0	1895	1886	1895	1899	1904	1916	1906	1886	1902	1928
G 75.0	1698	1729	1698	1681	1680	1685	1687	1673	1644	1645
G 80.0	1398	1368	1398	1420	1420	1389	1374	1394	1424	1419
G 85.0	964	970	964	952	937	933	945	970	996	1004
G 90.0	426	470	426	439	470	433	439	486	463	470