

Luminaire

Code 90633L600

Name ROFY 85 D/I D0600 GCONTROL+ 840 LO

Measurem.

Code 4/8/2023

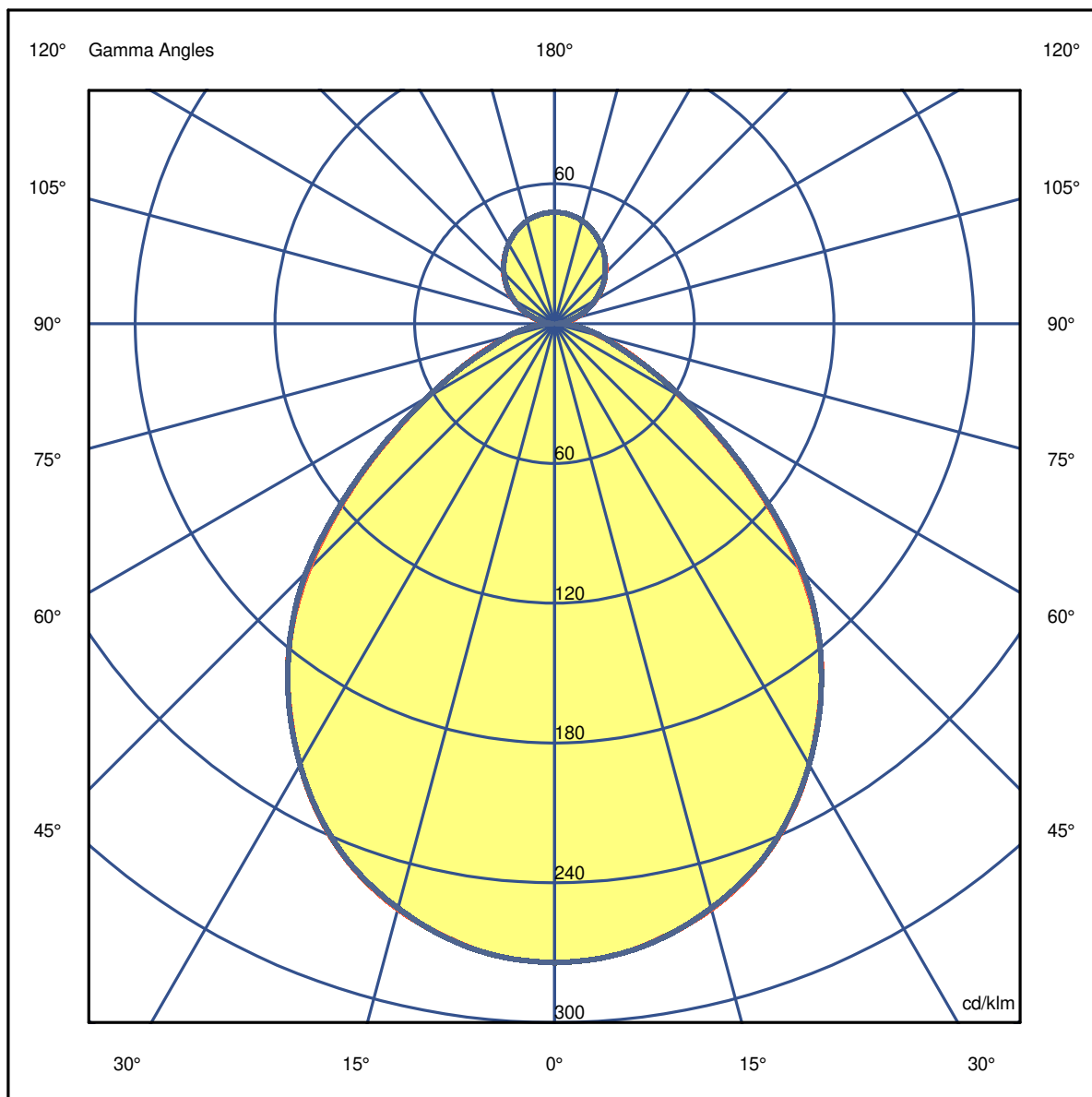
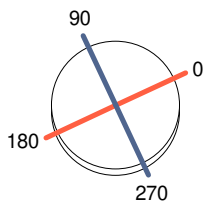
Name ROFY 85 D/I D0600 GCONTROL+ 840 LO

Luminaire Flux	5452 lm	Luminaire Power	43.3 W	Efficacy	126.026 lm/W	Efficiency	72.77%
Source Flux	7492 lm	Maximum value	274.30 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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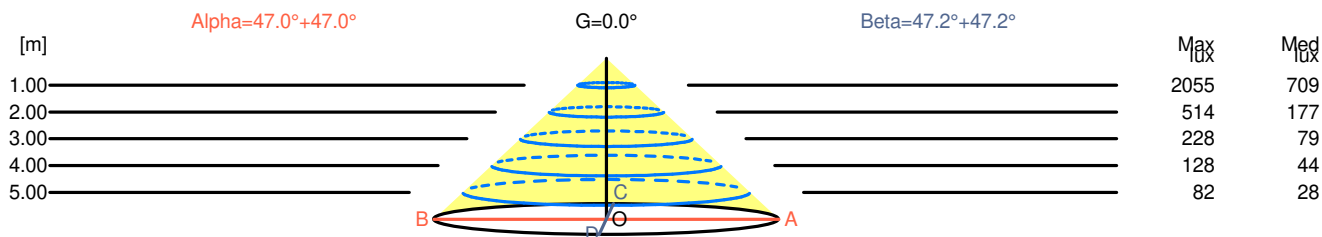
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Width at 50.00 % of Max Intensity

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	1.07	2.14	3.22	4.29	5.36	OC	1.08	2.16	3.24	4.32	5.40
OB	1.07	2.14	3.22	4.29	5.36	OD	1.08	2.16	3.24	4.32	5.40

	0	5	15	25	35	45	55	65	75	85
OA	2055.06	2042.32	1948.67	1768.11	1489.41	1119.30	660.05	327.40	150.59	46.45
OB	2055.06	2042.32	1948.67	1768.11	1489.41	1119.30	660.05	327.40	150.59	46.45
OC	2055.06	2042.32	1945.67	1766.61	1490.91	1130.54	666.04	323.65	156.58	45.70
OD	2055.06	2042.32	1945.67	1766.61	1490.91	1130.54	666.04	323.65	156.58	45.70



H[m]	D[m]	Max lux	Med lux	Alpha=47.0°+47.0°	G=0.0
1.00	2.14	2055	709		
2.00	4.29	514	177		
3.00	6.43	228	79		
4.00	8.58	128	44		
5.00	10.72	82	28		

H[m]	D[m]	Max lux	Med lux	Beta=47.2°+47.2°	G=0.0
1.00	2.16	2055	709		
2.00	4.32	514	177		
3.00	6.49	228	79		
4.00	8.65	128	44		
5.00	10.81	82	28		

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Source Flux	7492 lm	Maximum value	274.30 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	15.3	16.3	15.8	16.8	17.4	15.4	16.4	16.0	16.9	17.5
x=2H y=3H	15.9	16.8	16.5	17.3	17.9	16.1	16.9	16.6	17.5	18.1
x=2H y=4H	16.1	16.9	16.7	17.5	18.1	16.3	17.1	16.9	17.6	18.3
x=2H y=6H	16.2	16.9	16.8	17.5	18.2	16.4	17.1	17.0	17.7	18.4
x=2H y=8H	16.2	16.9	16.8	17.5	18.2	16.4	17.1	17.1	17.7	18.4
x=2H y=12H	16.2	16.9	16.8	17.5	18.2	16.4	17.1	17.0	17.7	18.4
x=4H y=2H	15.4	16.2	16.0	16.8	17.4	15.5	16.3	16.1	16.9	17.5
x=4H y=3H	16.1	16.8	16.7	17.4	18.1	16.2	16.9	16.9	17.5	18.2
x=4H y=4H	16.4	17.0	17.1	17.6	18.3	16.6	17.2	17.2	17.8	18.5
x=4H y=6H	16.6	17.1	17.3	17.8	18.6	16.8	17.3	17.5	18.0	18.8
x=4H y=8H	16.7	17.2	17.4	17.8	18.6	16.9	17.4	17.6	18.0	18.8
x=4H y=12H	16.7	17.1	17.4	17.8	18.6	16.9	17.3	17.6	18.0	18.8
x=8H y=4H	16.5	16.9	17.1	17.6	18.4	16.6	17.1	17.3	17.8	18.5
x=8H y=6H	16.8	17.2	17.5	17.9	18.7	17.0	17.4	17.7	18.1	18.9
x=8H y=8H	16.9	17.2	17.6	18.0	18.8	17.1	17.4	17.8	18.1	19.0
x=8H y=12H	17.0	17.3	17.7	18.0	18.9	17.2	17.5	17.9	18.2	19.0
x=12H y=4H	16.4	16.9	17.1	17.5	18.3	16.6	17.0	17.3	17.7	18.5
x=12H y=6H	16.8	17.1	17.5	17.8	18.7	17.0	17.3	17.7	18.0	18.9
x=12H y=8H	16.9	17.2	17.7	18.0	18.8	17.1	17.4	17.9	18.2	19.0

Luminaire

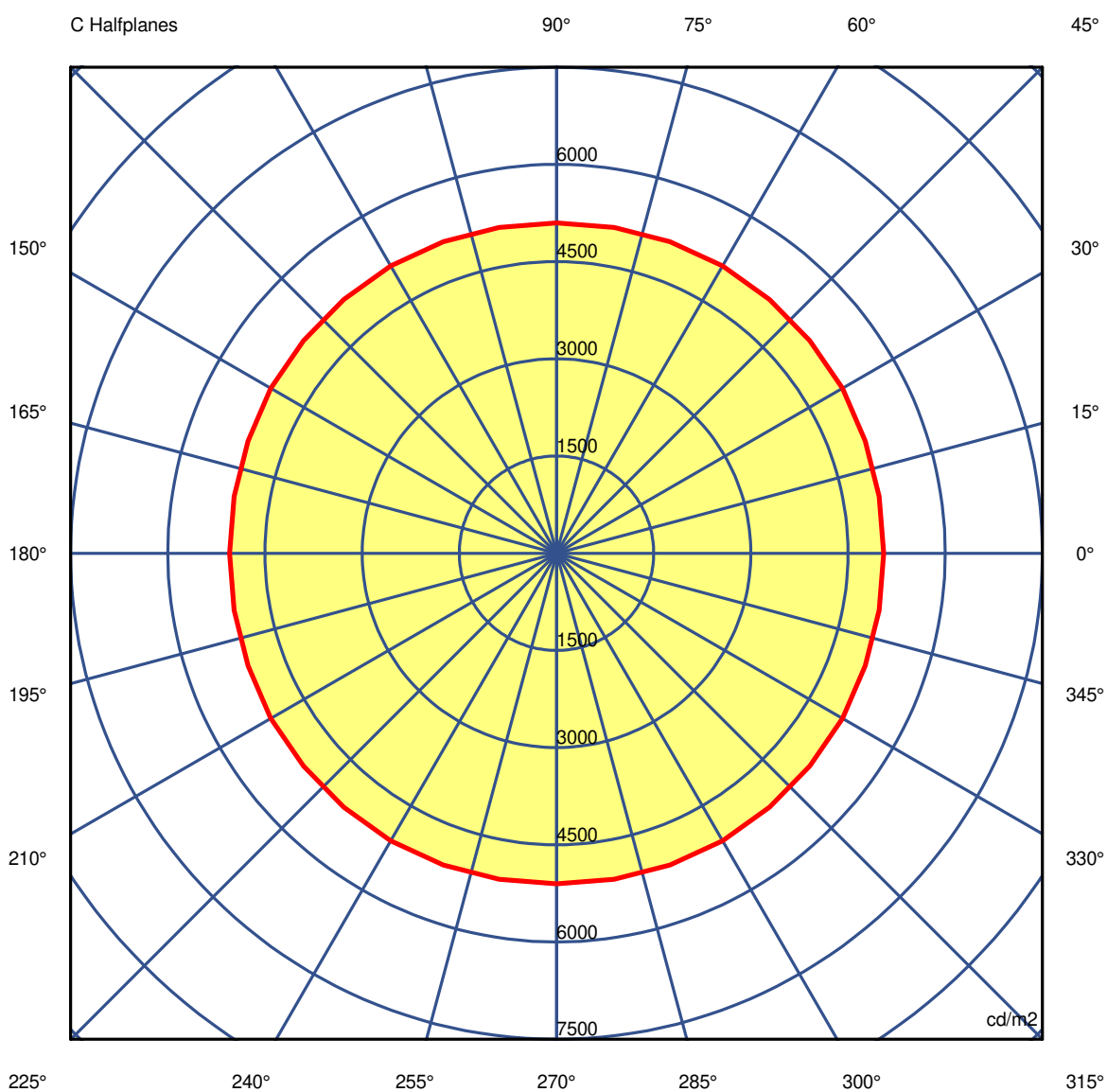
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Luminaire Flux	5452 lm	Luminaire Power	43.3 W	Efficacy	126.026 lm/W	Efficiency	72.77%
Source Flux	7492 lm	Maximum value	274.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux	5452 lm		Luminaire Power		43.3 W		Efficacy		126.026 lm/W		Efficiency		72.77%	
Source Flux	7492 lm		Maximum value		274.30 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	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778	
G 5.0	7635	7635	7635	7635	7635	7635	7635	7631	7630	7635	7630	7631	7635	
G 10.0	7457	7462	7461	7457	7456	7459	7460	7456	7455	7460	7455	7456	7460	
G 15.0	7272	7268	7264	7258	7249	7248	7253	7250	7252	7261	7252	7250	7253	
G 20.0	7059	7050	7037	7022	7012	7011	7016	7027	7039	7050	7039	7027	7016	
G 25.0	6793	6784	6772	6758	6749	6746	6753	6768	6781	6787	6781	6768	6753	
G 30.0	6462	6455	6451	6453	6464	6465	6456	6454	6458	6462	6458	6454	6456	
G 35.0	6087	6082	6089	6111	6136	6139	6117	6091	6082	6093	6082	6091	6117	
G 40.0	5655	5663	5676	5694	5710	5711	5697	5677	5663	5659	5663	5677	5697	
G 45.0	5049	5054	5067	5093	5103	5111	5120	5117	5109	5100	5109	5117	5120	
G 50.0	4266	4246	4235	4136	3876	3882	4157	4279	4296	4302	4296	4279	4157	
G 55.0	3439	3595	3476	3037	2545	2575	3115	3574	3674	3470	3674	3574	3115	
G 60.0	2687	2844	2629	2207	2098	2128	2302	2780	2972	2709	2972	2780	2302	
G 65.0	2094	2206	1977	1668	1829	1837	1711	2087	2300	2070	2300	2087	1711	
G 70.0	1639	1726	1635	1480	1523	1504	1441	1723	1830	1579	1830	1723	1441	
G 75.0	1298	1311	1356	1395	1292	1265	1382	1481	1467	1350	1467	1481	1382	
G 80.0	1063	1063	1085	1135	1148	1135	1127	1132	1116	1047	1116	1132	1127	
G 85.0	644	695	765	810	767	751	779	754	697	634	697	754	779	
G 90.0	441	418	404	365	259	190	182	163	144	137	144	163	182	

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Source Flux	7492 lm	Maximum value		274.30 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	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778
G 5.0	7635	7635	7635	7635	7635	7635	7635	7635	7635	7635	7635	7635	7631
G 10.0	7459	7456	7457	7461	7462	7457	7462	7461	7457	7456	7459	7460	7456
G 15.0	7248	7249	7258	7264	7268	7272	7268	7264	7258	7249	7248	7253	7250
G 20.0	7011	7012	7022	7037	7050	7059	7050	7037	7022	7012	7011	7016	7027
G 25.0	6746	6749	6758	6772	6784	6793	6784	6772	6758	6749	6746	6753	6768
G 30.0	6465	6464	6453	6451	6455	6462	6455	6451	6453	6464	6465	6456	6454
G 35.0	6139	6136	6111	6089	6082	6087	6082	6089	6111	6136	6139	6117	6091
G 40.0	5711	5710	5694	5676	5663	5655	5663	5676	5694	5710	5711	5697	5677
G 45.0	5111	5103	5093	5067	5054	5049	5054	5067	5093	5103	5111	5120	5117
G 50.0	3882	3876	4136	4235	4246	4266	4246	4235	4136	3876	3882	4157	4279
G 55.0	2575	2545	3037	3476	3595	3439	3595	3476	3037	2545	2575	3115	3574
G 60.0	2128	2098	2207	2629	2844	2687	2844	2629	2207	2098	2128	2302	2780
G 65.0	1837	1829	1668	1977	2206	2094	2206	1977	1668	1829	1837	1711	2087
G 70.0	1504	1523	1480	1635	1726	1639	1726	1635	1480	1523	1504	1441	1723
G 75.0	1265	1292	1395	1356	1311	1298	1311	1356	1395	1292	1265	1382	1481
G 80.0	1135	1148	1135	1085	1063	1063	1063	1085	1135	1148	1135	1127	1132
G 85.0	751	767	810	765	695	644	695	765	810	767	751	779	754
G 90.0	190	259	365	404	418	441	418	404	365	259	190	182	163

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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	7778	7778	7778	7778	7778	7778	7778	7778	7778	7778
G 5.0	7630	7635	7630	7631	7635	7635	7635	7635	7635	7635
G 10.0	7455	7460	7455	7456	7460	7459	7456	7457	7461	7462
G 15.0	7252	7261	7252	7250	7253	7248	7249	7258	7264	7268
G 20.0	7039	7050	7039	7027	7016	7011	7012	7022	7037	7050
G 25.0	6781	6787	6781	6768	6753	6746	6749	6758	6772	6784
G 30.0	6458	6462	6458	6454	6456	6465	6464	6453	6451	6455
G 35.0	6082	6093	6082	6091	6117	6139	6136	6111	6089	6082
G 40.0	5663	5659	5663	5677	5697	5711	5710	5694	5676	5663
G 45.0	5109	5100	5109	5117	5120	5111	5103	5093	5067	5054
G 50.0	4296	4302	4296	4279	4157	3882	3876	4136	4235	4246
G 55.0	3674	3470	3674	3574	3115	2575	2545	3037	3476	3595
G 60.0	2972	2709	2972	2780	2302	2128	2098	2207	2629	2844
G 65.0	2300	2070	2300	2087	1711	1837	1829	1668	1977	2206
G 70.0	1830	1579	1830	1723	1441	1504	1523	1480	1635	1726
G 75.0	1467	1350	1467	1481	1382	1265	1292	1395	1356	1311
G 80.0	1116	1047	1116	1132	1127	1135	1148	1135	1085	1063
G 85.0	697	634	697	754	779	751	767	810	765	695
G 90.0	144	137	144	163	182	190	259	365	404	418