

**Luminaire**

Code 90620L900

Name ROFY 85 D0900 GCONTROL+ 840 HO

**Measurem.**

Code 4/8/2023

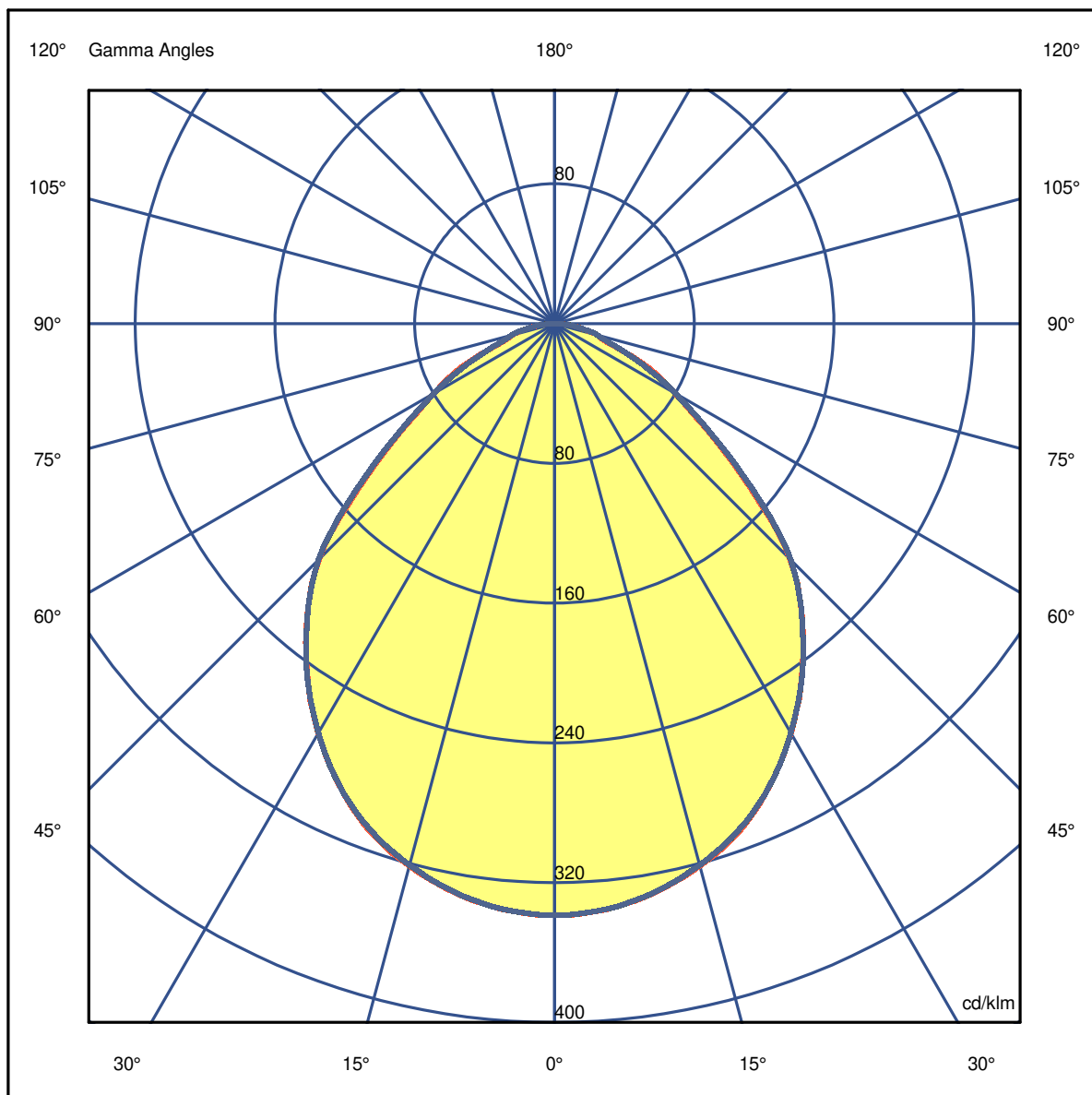
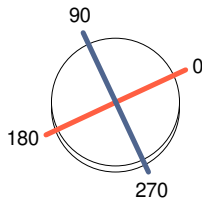
Name ROFY 85 D0900 GCONTROL+ 840 HO

Luminaire Flux	9050 lm	Luminaire Power	64.9 W	Efficacy	139.397 lm/W	Efficiency	73.67%
Source Flux	12284 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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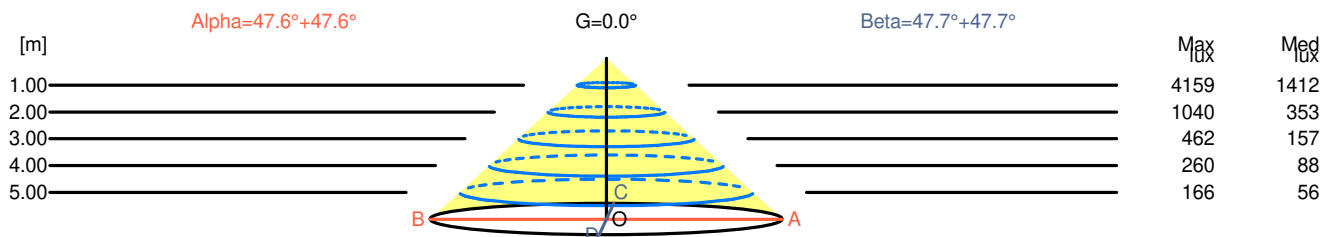
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Source Flux	12284 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.09	2.19	3.28	4.38	5.47	OC	1.10	2.20	3.30	4.40	5.50
OB	1.09	2.19	3.28	4.38	5.47	OD	1.10	2.20	3.30	4.40	5.50

	0	5	15	25	35	45	55	65	75	85
OA	4159.36	4134.79	3946.85	3583.24	3029.23	2342.56	1319.30	719.84	310.79	88.44
OB	4159.36	4134.79	3946.85	3583.24	3029.23	2342.56	1319.30	719.84	310.79	88.44
OC	4159.36	4133.57	3941.94	3580.79	3031.69	2348.70	1338.96	685.45	313.24	87.22
OD	4159.36	4133.57	3941.94	3580.79	3031.69	2348.70	1338.96	685.45	313.24	87.22



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0
1.00	2.19	4159	1412		
2.00	4.38	1040	353		
3.00	6.57	462	157		
4.00	8.76	260	88		
5.00	10.95	166	56		

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0
1.00	2.20	4159	1412		
2.00	4.40	1040	353		
3.00	6.60	462	157		
4.00	8.80	260	88		
5.00	10.99	166	56		

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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	16.3	17.5	16.6	17.7	17.9	16.3	17.5	16.6	17.7	17.9
x=2H y=3H	17.0	18.0	17.3	18.3	18.5	16.9	18.0	17.2	18.2	18.5
x=2H y=4H	17.2	18.2	17.5	18.4	18.7	17.1	18.1	17.5	18.4	18.7
x=2H y=6H	17.4	18.2	17.7	18.5	18.8	17.3	18.2	17.7	18.5	18.8
x=2H y=8H	17.4	18.3	17.8	18.6	18.9	17.4	18.2	17.7	18.6	18.9
x=2H y=12H	17.4	18.2	17.8	18.6	18.9	17.4	18.2	17.8	18.5	18.9
x=4H y=2H	16.5	17.4	16.8	17.7	18.0	16.5	17.5	16.8	17.7	18.0
x=4H y=3H	17.3	18.1	17.6	18.4	18.8	17.2	18.1	17.6	18.4	18.7
x=4H y=4H	17.6	18.3	18.0	18.7	19.0	17.6	18.3	18.0	18.7	19.0
x=4H y=6H	17.9	18.5	18.3	18.9	19.3	17.9	18.5	18.3	18.9	19.3
x=4H y=8H	18.0	18.6	18.4	18.9	19.4	18.0	18.6	18.4	18.9	19.4
x=4H y=12H	18.0	18.6	18.5	19.0	19.4	18.0	18.6	18.5	19.0	19.4
x=8H y=4H	17.7	18.3	18.1	18.7	19.1	17.7	18.3	18.1	18.6	19.1
x=8H y=6H	18.1	18.6	18.6	19.0	19.4	18.1	18.6	18.5	19.0	19.4
x=8H y=8H	18.3	18.7	18.7	19.1	19.6	18.2	18.7	18.7	19.1	19.6
x=8H y=12H	18.4	18.7	18.9	19.2	19.7	18.4	18.7	18.8	19.2	19.7
x=12H y=4H	17.7	18.2	18.2	18.6	19.1	17.7	18.2	18.1	18.6	19.0
x=12H y=6H	18.1	18.5	18.6	19.0	19.5	18.1	18.5	18.6	19.0	19.5
x=12H y=8H	18.3	18.7	18.8	19.1	19.6	18.3	18.7	18.8	19.1	19.6

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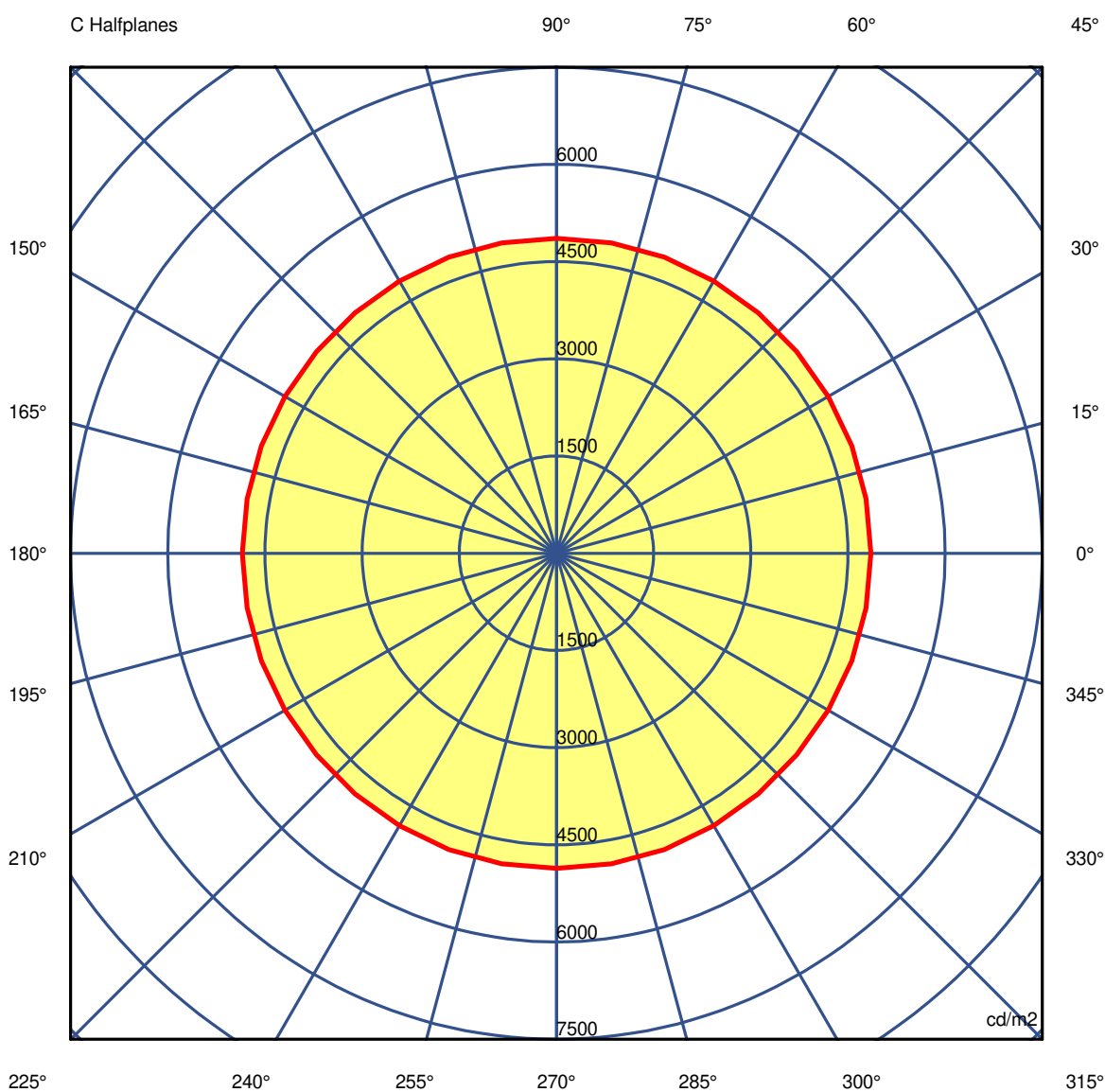
**Measurem.**

Code 4/8/2023

Name ROFY 85 D0900 GCONTROL+ 840 HO

Luminaire Flux	9050 lm	Luminaire Power	64.9 W	Efficacy	139.397 lm/W	Efficiency	73.67%
Source Flux	12284 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux	9050 lm		Luminaire Power		64.9 W		Efficacy		139.397 lm/W		Efficiency		73.67%	
Source Flux	12284 lm		Maximum value		338.60 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	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	
G 5.0	6752	6748	6749	6752	6752	6751	6750	6748	6748	6750	6748	6748	6750	
G 10.0	6636	6635	6634	6632	6631	6629	6628	6628	6629	6632	6629	6628	6628	
G 15.0	6504	6502	6497	6492	6489	6487	6486	6488	6492	6496	6492	6488	6486	
G 20.0	6359	6349	6335	6322	6314	6310	6314	6326	6336	6340	6336	6326	6314	
G 25.0	6148	6141	6134	6129	6124	6122	6123	6129	6137	6144	6137	6129	6123	
G 30.0	5895	5889	5889	5899	5913	5915	5903	5893	5890	5890	5890	5893	5903	
G 35.0	5598	5600	5613	5632	5647	5650	5639	5615	5604	5603	5604	5615	5639	
G 40.0	5270	5274	5281	5294	5307	5309	5298	5289	5278	5265	5278	5289	5298	
G 45.0	4850	4850	4848	4843	4839	4843	4853	4863	4866	4863	4866	4863	4853	
G 50.0	4012	4094	4140	4083	3906	3902	4078	4147	4122	4067	4122	4147	4078	
G 55.0	3217	3457	3347	2938	2630	2606	2893	3341	3491	3265	3491	3341	2893	
G 60.0	2644	2637	2443	2055	2106	2130	2128	2469	2640	2651	2640	2469	2128	
G 65.0	2216	2161	1968	1687	1809	1837	1728	1939	2080	2110	2080	1939	1728	
G 70.0	1505	1646	1680	1585	1441	1429	1549	1632	1631	1571	1631	1632	1549	
G 75.0	1353	1400	1333	1225	1252	1253	1225	1324	1393	1364	1393	1324	1225	
G 80.0	1048	1104	1155	1179	1153	1151	1179	1171	1124	1055	1124	1171	1179	
G 85.0	694	785	868	886	796	793	877	850	767	684	767	850	877	
G 90.0	131	131	131	131	131	131	131	131	131	131	131	131	131	

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Source Flux	12284 lm		Maximum value		338.60 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	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839
G 5.0	6751	6752	6752	6749	6748	6752	6748	6749	6752	6752	6751	6750	6748												
G 10.0	6629	6631	6632	6634	6635	6636	6635	6634	6632	6631	6629	6628	6628												
G 15.0	6487	6489	6492	6497	6502	6504	6502	6497	6492	6489	6487	6486	6488												
G 20.0	6310	6314	6322	6335	6349	6359	6349	6335	6322	6314	6310	6314	6326												
G 25.0	6122	6124	6129	6134	6141	6148	6141	6134	6129	6124	6122	6123	6129												
G 30.0	5915	5913	5899	5889	5889	5895	5889	5889	5899	5913	5915	5903	5893												
G 35.0	5650	5647	5632	5613	5600	5598	5600	5613	5632	5647	5650	5639	5615												
G 40.0	5309	5307	5294	5281	5274	5270	5274	5281	5294	5307	5309	5298	5289												
G 45.0	4843	4839	4843	4848	4850	4850	4850	4848	4843	4839	4843	4853	4863												
G 50.0	3902	3906	4083	4140	4094	4012	4094	4140	4083	3906	3902	4078	4147												
G 55.0	2606	2630	2938	3347	3457	3217	3457	3347	2938	2630	2606	2893	3341												
G 60.0	2130	2106	2055	2443	2637	2644	2637	2443	2055	2106	2130	2128	2469												
G 65.0	1837	1809	1687	1968	2161	2216	2161	1968	1687	1809	1837	1728	1939												
G 70.0	1429	1441	1585	1680	1646	1505	1646	1680	1585	1441	1429	1549	1632												
G 75.0	1253	1252	1225	1333	1400	1353	1400	1333	1225	1252	1253	1225	1324												
G 80.0	1151	1153	1179	1155	1104	1048	1104	1155	1179	1153	1151	1179	1171												
G 85.0	793	796	886	868	785	694	785	868	886	796	793	877	850												
G 90.0	131	131	131	131	131	131	131	131	131	131	131	131	131												

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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	6839	6839	6839	6839	6839	6839	6839	6839	6839	6839
G 5.0	6748	6750	6748	6748	6750	6751	6752	6752	6749	6748
G 10.0	6629	6632	6629	6628	6628	6629	6631	6632	6634	6635
G 15.0	6492	6496	6492	6488	6486	6487	6489	6492	6497	6502
G 20.0	6336	6340	6336	6326	6314	6310	6314	6322	6335	6349
G 25.0	6137	6144	6137	6129	6123	6122	6124	6129	6134	6141
G 30.0	5890	5890	5890	5893	5903	5915	5913	5899	5889	5889
G 35.0	5604	5603	5604	5615	5639	5650	5647	5632	5613	5600
G 40.0	5278	5265	5278	5289	5298	5309	5307	5294	5281	5274
G 45.0	4866	4863	4866	4863	4853	4843	4839	4843	4848	4850
G 50.0	4122	4067	4122	4147	4078	3902	3906	4083	4140	4094
G 55.0	3491	3265	3491	3341	2893	2606	2630	2938	3347	3457
G 60.0	2640	2651	2640	2469	2128	2130	2106	2055	2443	2637
G 65.0	2080	2110	2080	1939	1728	1837	1809	1687	1968	2161
G 70.0	1631	1571	1631	1632	1549	1429	1441	1585	1680	1646
G 75.0	1393	1364	1393	1324	1225	1253	1252	1225	1333	1400
G 80.0	1124	1055	1124	1171	1179	1151	1153	1179	1155	1104
G 85.0	767	684	767	850	877	793	796	886	868	785
G 90.0	131	131	131	131	131	131	131	131	131	131