

**Luminaire**

Code 90622L900

Name ROFY 85 /E D0900 GCONTROL+ 830 HO

**Measurem.**

Code 25/7/2023

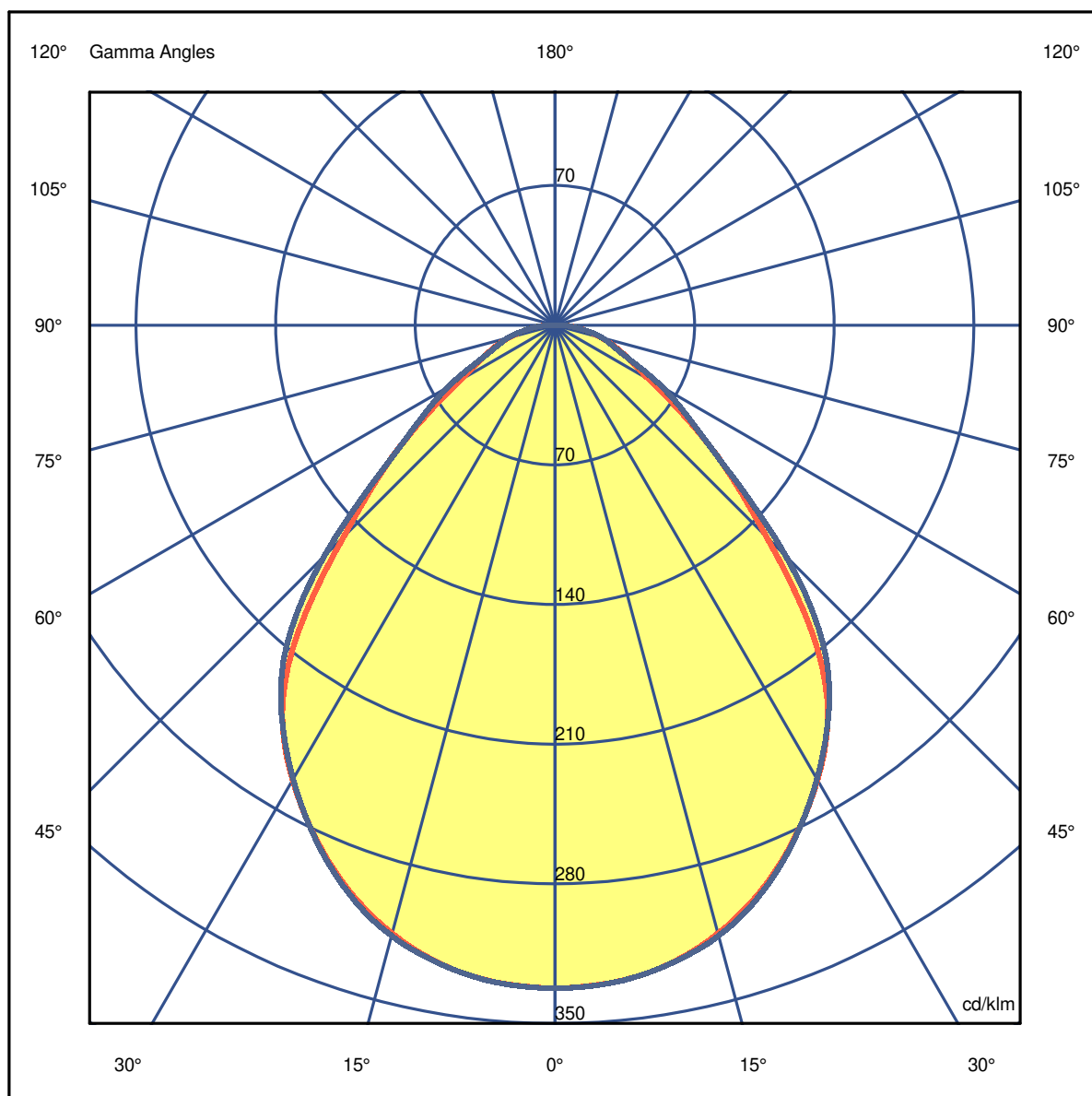
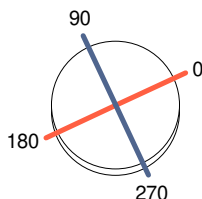
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Luminaire Flux	7896 lm	Luminaire Power	64.9 W	Efficacy	121.631 lm/W	Efficiency	67.31%
Source Flux	11732 lm	Maximum value	332.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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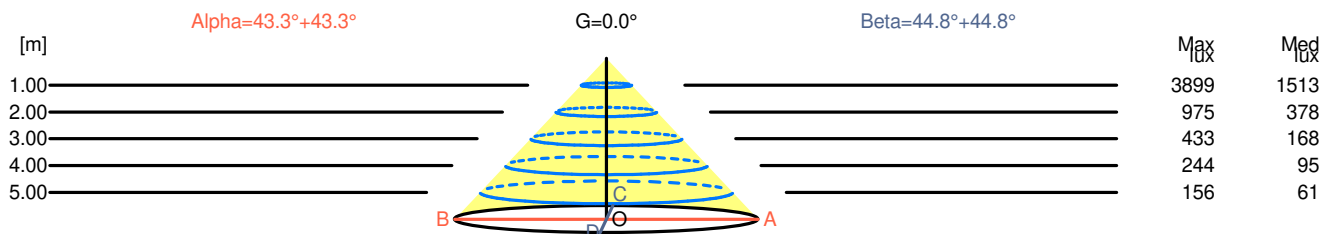
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Width at 50.00 % of Max Intensity

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	3898.54	3879.77	3702.62	3329.54	2796.91	1757.45	928.00	486.88	281.57	105.59
OB	3898.54	3879.77	3702.62	3329.54	2796.91	1757.45	928.00	486.88	281.57	105.59
OC	3898.54	3880.95	3716.70	3334.23	2803.95	1920.53	970.24	496.26	288.61	103.24
OD	3898.54	3880.95	3716.70	3334.23	2803.95	1920.53	970.24	496.26	288.61	103.24



H[m]	D[m]	Max lux	Med lux	Alpha=43.3°+43.3°	G=0.0
1.00	1.89	3899	1513		
2.00	3.77	975	378		
3.00	5.66	433	168		
4.00	7.55	244	95		
5.00	9.43	156	61		

H[m]	D[m]	Max lux	Med lux	Beta=44.8°+44.8°	G=0.0
1.00	1.98	3899	1513		
2.00	3.97	975	378		
3.00	5.95	433	168		
4.00	7.93	244	95		
5.00	9.92	156	61		

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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	14.9	16.0	15.2	16.3	16.5	15.1	16.2	15.4	16.4	16.7
x=2H y=3H	15.6	16.6	15.9	16.8	17.1	15.7	16.7	16.1	17.0	17.2
x=2H y=4H	15.9	16.8	16.2	17.1	17.4	16.0	17.0	16.4	17.2	17.5
x=2H y=6H	16.2	17.0	16.5	17.3	17.6	16.3	17.2	16.7	17.5	17.8
x=2H y=8H	16.2	17.1	16.6	17.4	17.7	16.4	17.2	16.7	17.5	17.9
x=2H y=12H	16.3	17.1	16.7	17.5	17.8	16.4	17.3	16.8	17.6	17.9
x=4H y=2H	15.2	16.1	15.5	16.4	16.7	15.3	16.3	15.7	16.6	16.8
x=4H y=3H	16.0	16.9	16.4	17.2	17.5	16.2	17.0	16.5	17.3	17.6
x=4H y=4H	16.5	17.2	16.9	17.5	17.9	16.6	17.3	17.0	17.7	18.0
x=4H y=6H	16.9	17.5	17.3	17.9	18.3	17.0	17.6	17.4	18.0	18.4
x=4H y=8H	17.0	17.6	17.5	18.0	18.4	17.2	17.7	17.6	18.1	18.5
x=4H y=12H	17.2	17.7	17.6	18.1	18.5	17.3	17.8	17.7	18.2	18.6
x=8H y=4H	16.6	17.2	17.1	17.6	18.0	16.8	17.3	17.2	17.7	18.1
x=8H y=6H	17.2	17.6	17.6	18.1	18.5	17.3	17.8	17.8	18.2	18.6
x=8H y=8H	17.4	17.8	17.9	18.3	18.7	17.5	17.9	18.0	18.4	18.8
x=8H y=12H	17.6	17.9	18.1	18.4	18.9	17.7	18.0	18.2	18.5	19.0
x=12H y=4H	16.7	17.2	17.1	17.6	18.0	16.8	17.3	17.2	17.7	18.1
x=12H y=6H	17.2	17.6	17.7	18.1	18.5	17.3	17.7	17.8	18.2	18.6
x=12H y=8H	17.5	17.8	18.0	18.3	18.8	17.6	17.9	18.1	18.4	18.9

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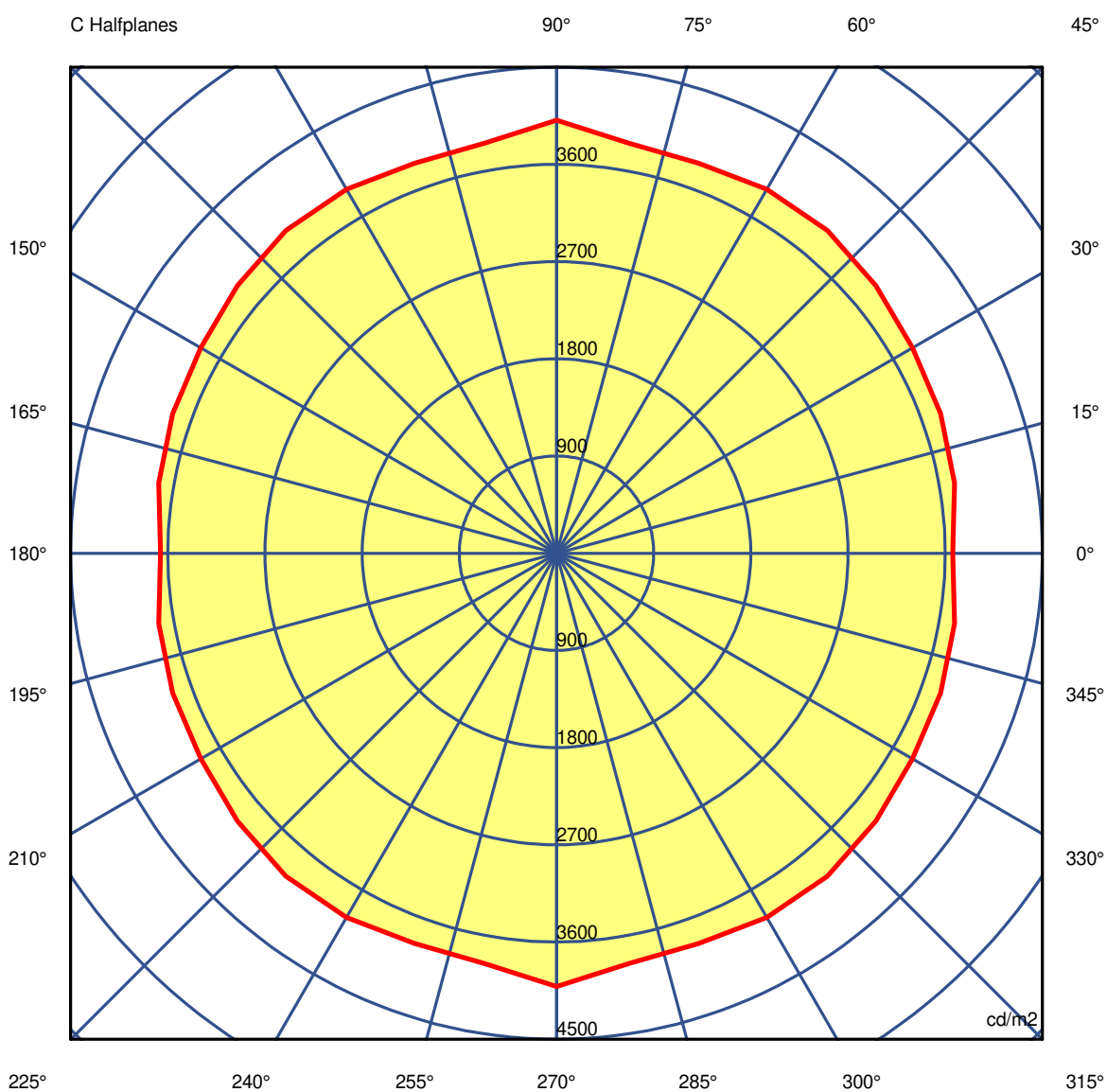
**Measurem.**

Code 25/7/2023

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Luminaire Flux	7896 lm	Luminaire Power	64.9 W	Efficacy	121.631 lm/W	Efficiency	67.31%
Source Flux	11732 lm	Maximum value	332.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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Luminaire Flux	7896 lm		Luminaire Power		64.9 W		Efficacy		121.631 lm/W		Efficiency		67.31%	
Source Flux	11732 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	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528	
G 5.0	6446	6449	6448	6446	6448	6449	6446	6445	6446	6448	6446	6445	6446	
G 10.0	6341	6343	6340	6335	6335	6334	6333	6340	6343	6343	6343	6340	6333	
G 15.0	6196	6199	6193	6182	6178	6179	6184	6197	6209	6219	6209	6197	6184	
G 20.0	6013	6013	6010	6001	5996	5995	5999	6015	6029	6035	6029	6015	5999	
G 25.0	5789	5785	5788	5795	5795	5795	5795	5798	5799	5797	5799	5798	5795	
G 30.0	5541	5538	5540	5547	5555	5564	5568	5562	5547	5528	5547	5562	5568	
G 35.0	5226	5226	5220	5213	5227	5244	5254	5261	5256	5239	5256	5261	5254	
G 40.0	4612	4689	4694	4662	4696	4720	4708	4720	4764	4826	4764	4720	4708	
G 45.0	3669	3744	3784	3806	3858	3902	3892	3844	3856	4009	3856	3844	3892	
G 50.0	2956	2869	2889	2977	2986	2995	3027	3068	3054	2980	3054	3068	3027	
G 55.0	2273	2279	2310	2331	2283	2271	2331	2393	2408	2377	2408	2393	2331	
G 60.0	1737	1829	1850	1820	1829	1874	1900	1862	1878	1983	1878	1862	1900	
G 65.0	1498	1489	1487	1494	1510	1517	1530	1572	1577	1527	1577	1572	1530	
G 70.0	1359	1347	1328	1317	1332	1339	1330	1327	1324	1317	1324	1327	1330	
G 75.0	1213	1183	1182	1203	1213	1212	1208	1209	1221	1244	1221	1209	1208	
G 80.0	1034	1066	1069	1047	1032	1043	1066	1066	1050	1027	1050	1066	1066	
G 85.0	800	809	803	782	762	752	756	768	778	782	778	768	756	
G 90.0	512	438	432	453	410	404	439	410	397	439	397	410	439	

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Source Flux	11732 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	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528	
G 5.0	6449	6448	6446	6448	6449	6446	6449	6448	6446	6448	6449	6446	6445	
G 10.0	6334	6335	6335	6340	6343	6341	6343	6340	6335	6335	6334	6333	6340	
G 15.0	6179	6178	6182	6193	6199	6196	6199	6193	6182	6178	6179	6184	6197	
G 20.0	5995	5996	6001	6010	6013	6013	6013	6010	6001	5996	5995	5999	6015	
G 25.0	5795	5795	5795	5788	5785	5789	5785	5788	5795	5795	5795	5795	5798	
G 30.0	5564	5555	5547	5540	5538	5541	5538	5540	5547	5555	5564	5568	5562	
G 35.0	5244	5227	5213	5220	5226	5226	5226	5220	5213	5227	5244	5254	5261	
G 40.0	4720	4696	4662	4694	4689	4612	4689	4694	4662	4696	4720	4708	4720	
G 45.0	3902	3858	3806	3784	3744	3669	3744	3784	3806	3858	3902	3892	3844	
G 50.0	2995	2986	2977	2889	2869	2956	2869	2889	2977	2986	2995	3027	3068	
G 55.0	2271	2283	2331	2310	2279	2273	2279	2310	2331	2283	2271	2331	2393	
G 60.0	1874	1829	1820	1850	1829	1737	1829	1850	1820	1829	1874	1900	1862	
G 65.0	1517	1510	1494	1487	1489	1498	1489	1487	1494	1510	1517	1530	1572	
G 70.0	1339	1332	1317	1328	1347	1359	1347	1328	1317	1332	1339	1330	1327	
G 75.0	1212	1213	1203	1182	1183	1213	1183	1182	1203	1213	1212	1208	1209	
G 80.0	1043	1032	1047	1069	1066	1034	1066	1069	1047	1032	1043	1066	1066	
G 85.0	752	762	782	803	809	800	809	803	782	762	752	756	768	
G 90.0	404	410	453	432	438	512	438	432	453	410	404	439	410	

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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	6528	6528	6528	6528	6528	6528	6528	6528	6528	6528
G 5.0	6446	6448	6446	6445	6446	6449	6448	6446	6448	6449
G 10.0	6343	6343	6343	6340	6333	6334	6335	6335	6340	6343
G 15.0	6209	6219	6209	6197	6184	6179	6178	6182	6193	6199
G 20.0	6029	6035	6029	6015	5999	5995	5996	6001	6010	6013
G 25.0	5799	5797	5799	5798	5795	5795	5795	5795	5788	5785
G 30.0	5547	5528	5547	5562	5568	5564	5555	5547	5540	5538
G 35.0	5256	5239	5256	5261	5254	5244	5227	5213	5220	5226
G 40.0	4764	4826	4764	4720	4708	4720	4696	4662	4694	4689
G 45.0	3856	4009	3856	3844	3892	3902	3858	3806	3784	3744
G 50.0	3054	2980	3054	3068	3027	2995	2986	2977	2889	2869
G 55.0	2408	2377	2408	2393	2331	2271	2283	2331	2310	2279
G 60.0	1878	1983	1878	1862	1900	1874	1829	1820	1850	1829
G 65.0	1577	1527	1577	1572	1530	1517	1510	1494	1487	1489
G 70.0	1324	1317	1324	1327	1330	1339	1332	1317	1328	1347
G 75.0	1221	1244	1221	1209	1208	1212	1213	1203	1182	1183
G 80.0	1050	1027	1050	1066	1066	1043	1032	1047	1069	1066
G 85.0	778	782	778	768	756	752	762	782	803	809
G 90.0	397	439	397	410	439	404	410	453	432	438