

Luminaire

Code 90631L900
Name ROFY 85 /E D0900 GCONTROL+ 830 LO

Measurem.

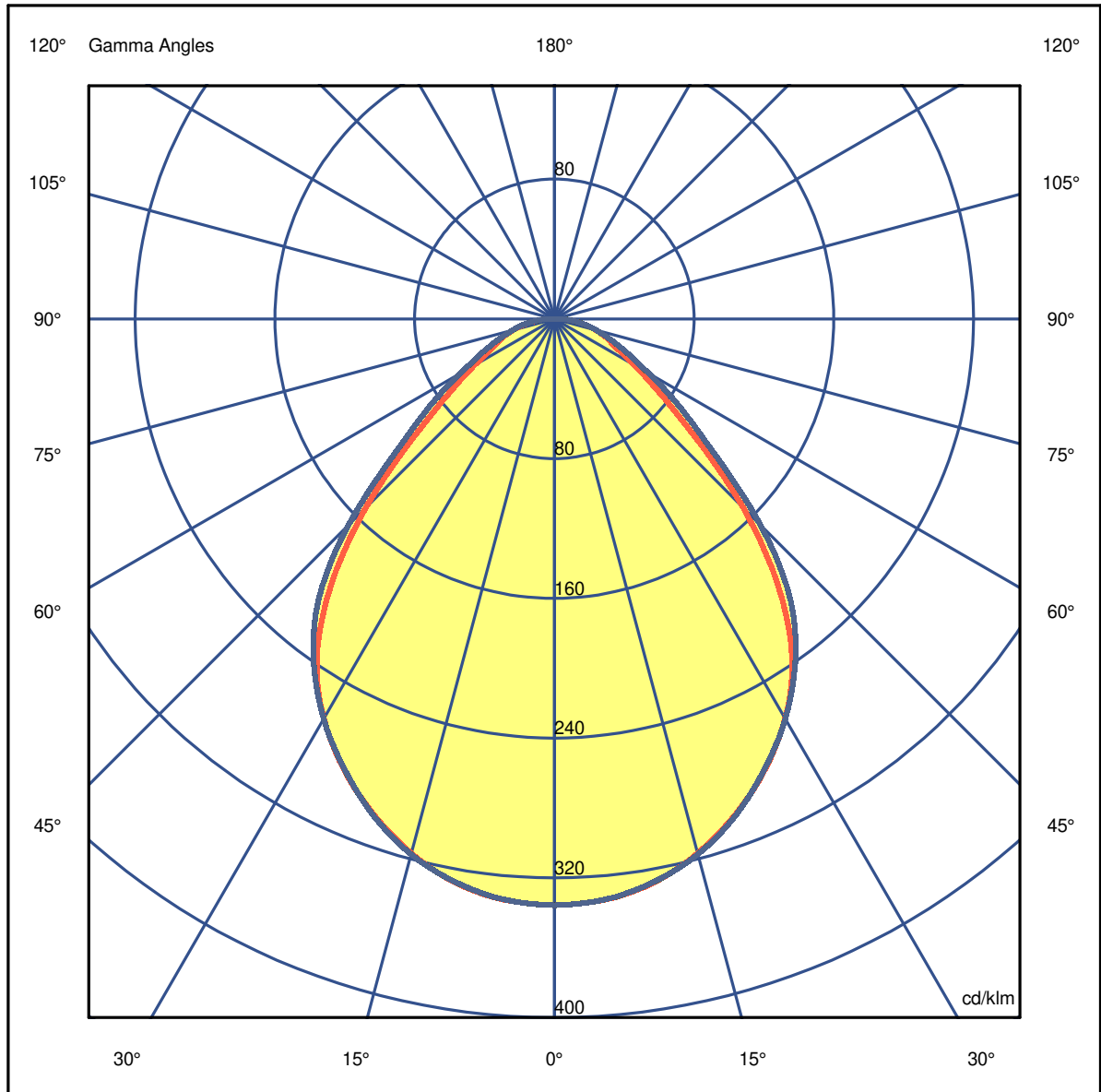
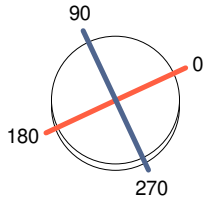
Code 4/8/2023
Name ROFY 85 /E D0900 GCONTROL+ 830 LO

Luminaire Flux	6708 lm	Luminaire Power	53.3 W	Efficacy	125.811 lm/W	Efficiency	67.76%
Source Flux	9900 lm	Maximum value	335.60 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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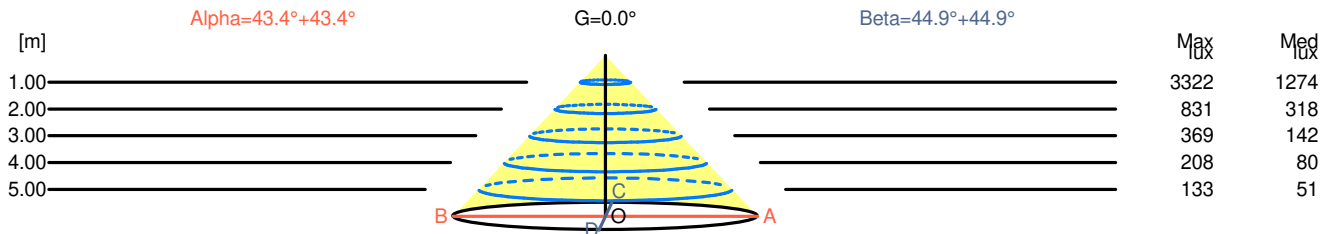
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Width at 50.00 % of Max Intensity

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	0.95	1.89	2.84	3.79	4.73	OC	1.00	1.99	2.99	3.99	4.98
OB	0.95	1.89	2.84	3.79	4.73	OD	1.00	1.99	2.99	3.99	4.98

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3322.44	3303.63	3135.33	2820.51	2348.28	1510.74	725.67	388.08	243.54	95.04
OB	3322.44	3303.63	3135.33	2820.51	2348.28	1510.74	725.67	388.08	243.54	95.04
OC	3322.44	3302.64	3141.27	2816.55	2378.97	1652.31	865.26	452.43	245.52	97.02
OD	3322.44	3302.64	3141.27	2816.55	2378.97	1652.31	865.26	452.43	245.52	97.02



H[m]	D[m]	Max lux	Med lux	Alpha=43.4°+43.4°	G=0.0
1.00	1.89	3322	1274		
2.00	3.79	831	318		
3.00	5.68	369	142		
4.00	7.57	208	80		
5.00	9.47	133	51		

H[m]	D[m]	Max lux	Med lux	Beta=44.9°+44.9°	G=0.0
1.00	1.99	3322	1274		
2.00	3.99	831	318		
3.00	5.98	369	142		
4.00	7.97	208	80		
5.00	9.97	133	51		

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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	14.1	15.2	14.4	15.4	15.6	14.7	15.9	15.0	16.1	16.3
x=2H y=3H	14.7	15.8	15.1	16.0	16.3	15.4	16.4	15.7	16.6	16.9
x=2H y=4H	15.1	16.1	15.4	16.3	16.6	15.7	16.7	16.0	16.9	17.2
x=2H y=6H	15.4	16.3	15.8	16.6	16.9	16.0	16.9	16.3	17.1	17.4
x=2H y=8H	15.6	16.4	15.9	16.7	17.0	16.1	16.9	16.4	17.2	17.5
x=2H y=12H	15.6	16.4	16.0	16.7	17.1	16.1	16.9	16.5	17.2	17.6
x=4H y=2H	14.4	15.4	14.8	15.6	15.9	15.0	15.9	15.3	16.2	16.5
x=4H y=3H	15.3	16.1	15.6	16.4	16.7	15.8	16.6	16.2	16.9	17.3
x=4H y=4H	15.8	16.5	16.2	16.8	17.2	16.3	17.0	16.6	17.3	17.7
x=4H y=6H	16.2	16.9	16.7	17.2	17.6	16.7	17.3	17.1	17.7	18.1
x=4H y=8H	16.4	17.0	16.9	17.4	17.8	16.8	17.4	17.3	17.8	18.2
x=4H y=12H	16.6	17.1	17.0	17.5	17.9	17.0	17.5	17.4	17.9	18.3
x=8H y=4H	16.0	16.5	16.4	16.9	17.3	16.4	17.0	16.9	17.4	17.8
x=8H y=6H	16.6	17.0	17.0	17.5	17.9	17.0	17.4	17.4	17.8	18.3
x=8H y=8H	16.8	17.2	17.3	17.7	18.2	17.2	17.6	17.7	18.0	18.5
x=8H y=12H	17.0	17.4	17.5	17.8	18.3	17.4	17.7	17.9	18.2	18.7
x=12H y=4H	16.0	16.5	16.4	16.9	17.3	16.4	17.0	16.9	17.4	17.8
x=12H y=6H	16.6	17.0	17.1	17.5	18.0	17.0	17.4	17.5	17.9	18.3
x=12H y=8H	16.9	17.3	17.4	17.7	18.2	17.3	17.6	17.8	18.1	18.6

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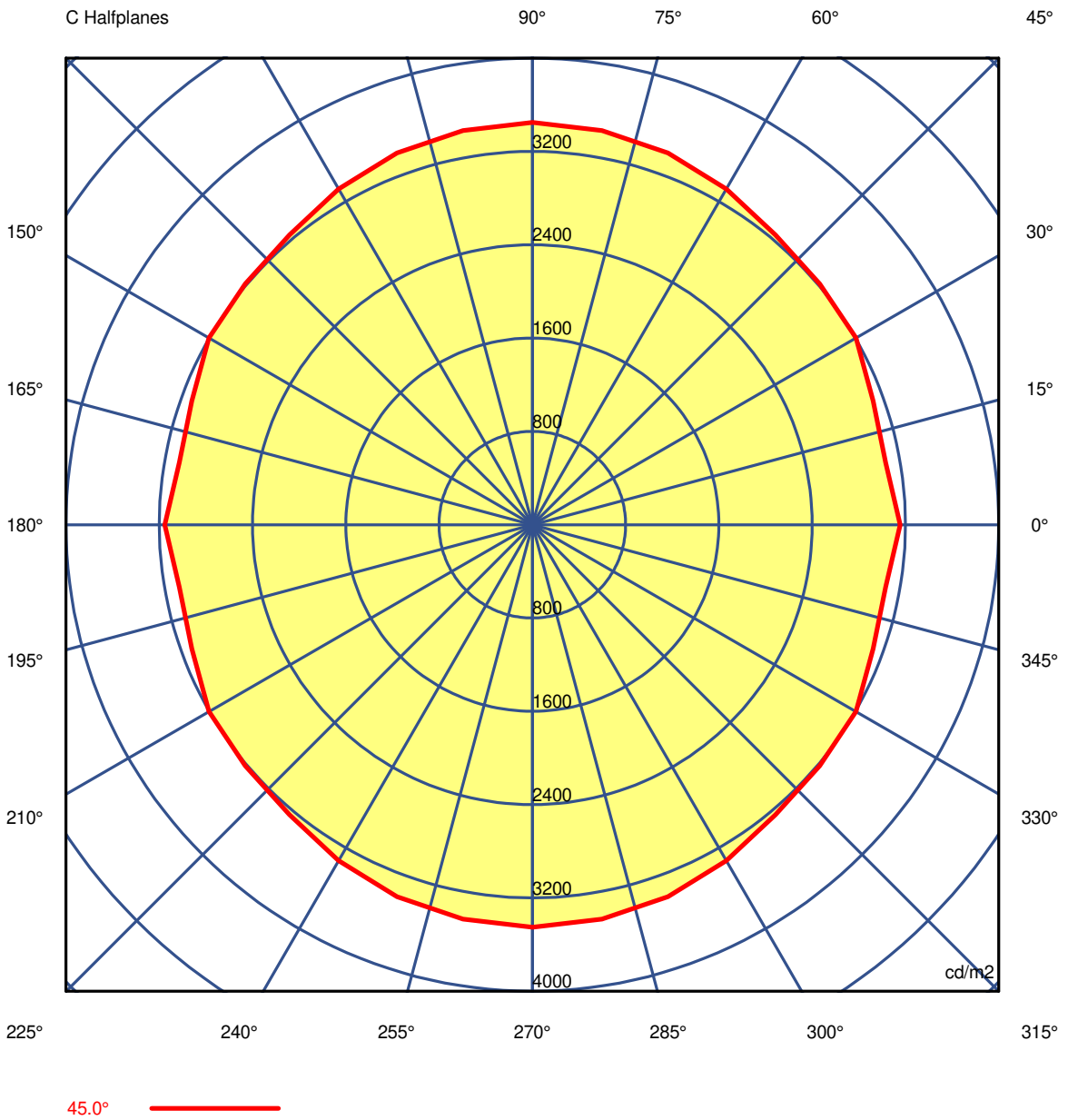
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Source Flux	9900 lm	Maximum value	335.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	9900 lm	Maximum value	335.60 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	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563
G 5.0	5488	5491	5492	5490	5489	5488	5487	5487	5487	5487	5487	5487	5487
G 10.0	5387	5394	5395	5392	5393	5393	5392	5390	5387	5382	5382	5387	5390
G 15.0	5246	5250	5257	5265	5269	5270	5268	5261	5257	5256	5257	5261	5268
G 20.0	5083	5084	5087	5096	5106	5108	5103	5099	5096	5091	5096	5099	5103
G 25.0	4904	4907	4906	4902	4901	4900	4900	4900	4900	4897	4900	4900	4900
G 30.0	4691	4701	4701	4691	4681	4675	4675	4682	4690	4695	4690	4682	4675
G 35.0	4388	4390	4397	4412	4419	4423	4428	4430	4435	4445	4435	4430	4428
G 40.0	3870	3879	3900	3932	3966	4011	4053	4067	4075	4090	4075	4067	4053
G 45.0	3154	3076	3108	3203	3216	3244	3325	3393	3432	3449	3432	3393	3325
G 50.0	2341	2341	2349	2401	2507	2564	2594	2706	2737	2639	2737	2706	2594
G 55.0	1777	1810	1828	1858	1939	2028	2095	2145	2152	2119	2152	2145	2095
G 60.0	1426	1438	1470	1517	1521	1583	1678	1669	1660	1673	1660	1669	1678
G 65.0	1194	1174	1234	1322	1312	1307	1346	1368	1379	1392	1379	1368	1346
G 70.0	1129	1095	1098	1133	1160	1171	1175	1175	1181	1200	1181	1175	1175
G 75.0	1049	1067	1044	1003	1011	1059	1096	1084	1063	1058	1063	1084	1096
G 80.0	932	939	948	954	950	949	954	955	951	943	951	955	954
G 85.0	720	692	700	735	753	740	713	702	713	735	713	702	713
G 90.0	531	460	449	469	443	436	444	400	385	432	385	400	444

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Source Flux	9900 lm	Maximum value	335.60 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	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563
G 5.0	5488	5489	5490	5492	5491	5488	5491	5492	5490	5489	5488	5487	5487
G 10.0	5393	5393	5392	5395	5394	5387	5394	5395	5392	5393	5393	5392	5390
G 15.0	5270	5269	5265	5257	5250	5246	5250	5257	5265	5269	5270	5268	5261
G 20.0	5108	5106	5096	5087	5084	5083	5084	5087	5096	5106	5108	5103	5099
G 25.0	4900	4901	4902	4906	4907	4904	4907	4906	4902	4901	4900	4900	4900
G 30.0	4675	4681	4691	4701	4701	4691	4701	4701	4691	4681	4675	4675	4682
G 35.0	4423	4419	4412	4397	4390	4388	4390	4397	4412	4419	4423	4428	4430
G 40.0	4011	3966	3932	3900	3879	3870	3879	3900	3932	3966	4011	4053	4067
G 45.0	3244	3216	3203	3108	3076	3154	3076	3108	3203	3216	3244	3325	3393
G 50.0	2564	2507	2401	2349	2341	2341	2341	2349	2401	2507	2564	2594	2706
G 55.0	2028	1939	1858	1828	1810	1777	1810	1828	1858	1939	2028	2095	2145
G 60.0	1583	1521	1517	1470	1438	1426	1438	1470	1517	1521	1583	1678	1669
G 65.0	1307	1312	1322	1234	1174	1194	1174	1234	1322	1312	1307	1346	1368
G 70.0	1171	1160	1133	1098	1095	1129	1095	1098	1133	1160	1171	1175	1175
G 75.0	1059	1011	1003	1044	1067	1049	1067	1044	1003	1011	1059	1096	1084
G 80.0	949	950	954	948	939	932	939	948	954	950	949	954	955
G 85.0	740	753	735	700	692	720	692	700	735	753	740	713	702
G 90.0	436	443	469	449	460	531	460	449	469	443	436	444	400

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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	5563	5563	5563	5563	5563	5563	5563	5563	5563	5563
G 5.0	5487	5487	5487	5487	5487	5488	5489	5490	5492	5491
G 10.0	5387	5382	5387	5390	5392	5393	5393	5392	5395	5394
G 15.0	5257	5256	5257	5261	5268	5270	5269	5265	5257	5250
G 20.0	5096	5091	5096	5099	5103	5108	5106	5096	5087	5084
G 25.0	4900	4897	4900	4900	4900	4900	4901	4902	4906	4907
G 30.0	4690	4695	4690	4682	4675	4675	4681	4691	4701	4701
G 35.0	4435	4445	4435	4430	4428	4423	4419	4412	4397	4390
G 40.0	4075	4090	4075	4067	4053	4011	3966	3932	3900	3879
G 45.0	3432	3449	3432	3393	3325	3244	3216	3203	3108	3076
G 50.0	2737	2639	2737	2706	2594	2564	2507	2401	2349	2341
G 55.0	2152	2119	2152	2145	2095	2028	1939	1858	1828	1810
G 60.0	1660	1673	1660	1669	1678	1583	1521	1517	1470	1438
G 65.0	1379	1392	1379	1368	1346	1307	1312	1322	1234	1174
G 70.0	1181	1200	1181	1175	1175	1171	1160	1133	1098	1095
G 75.0	1063	1058	1063	1084	1096	1059	1011	1003	1044	1067
G 80.0	951	943	951	955	954	949	950	954	948	939
G 85.0	713	735	713	702	713	740	753	735	700	692
G 90.0	385	432	385	400	444	436	443	469	449	460