

Luminaire

Code 90622L900
Name ROFY 85 /E D0900 GCONTROL+ 840 HO

Measurem.

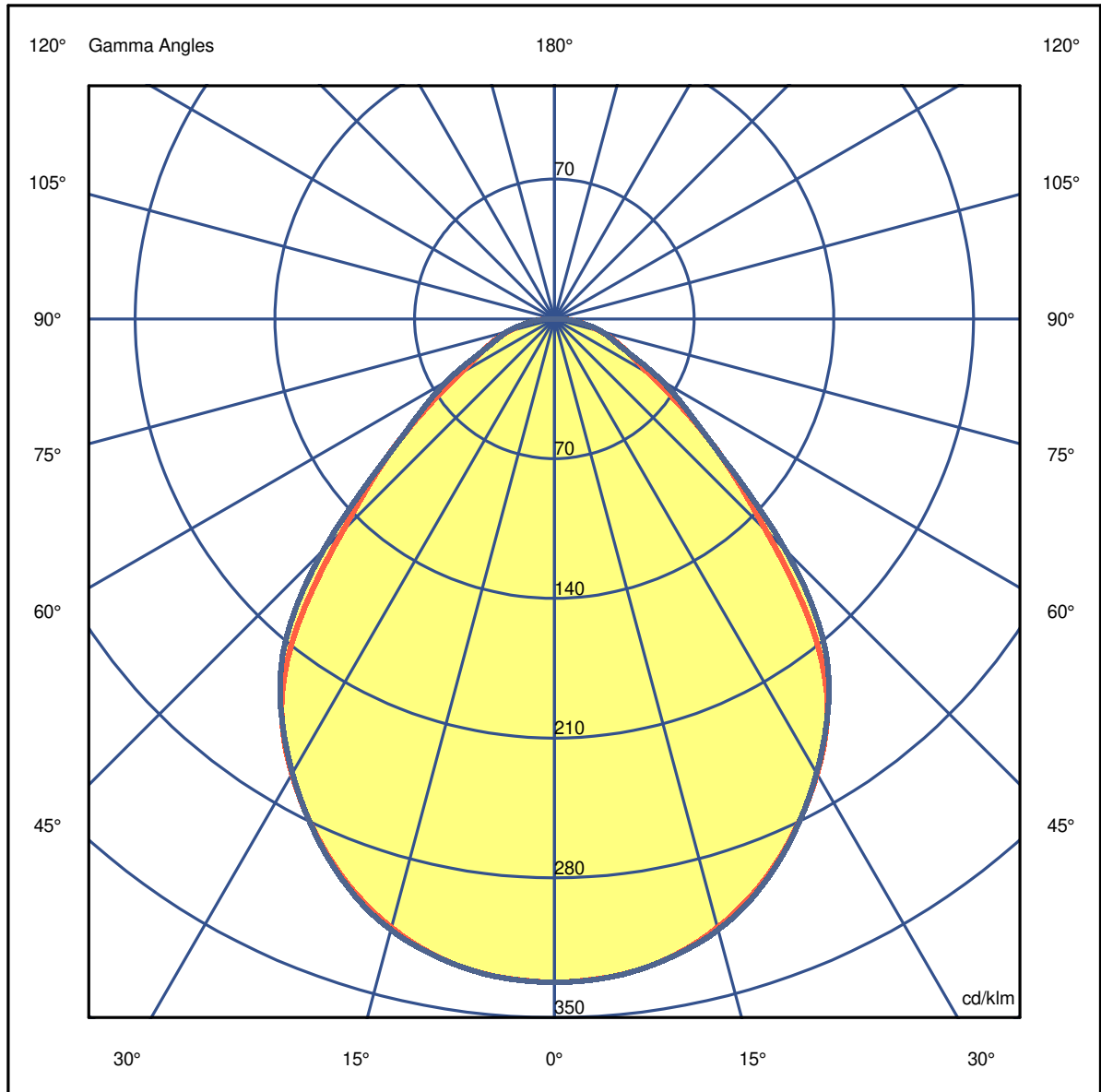
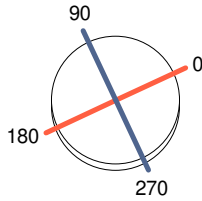
Code 25/7/2023
Name ROFY 85 /E D0900 GCONTROL+ 840 HO

Luminaire Flux	8268 lm	Luminaire Power	64.9 W	Efficacy	127.354 lm/W	Efficiency	67.31%
Source Flux	12284 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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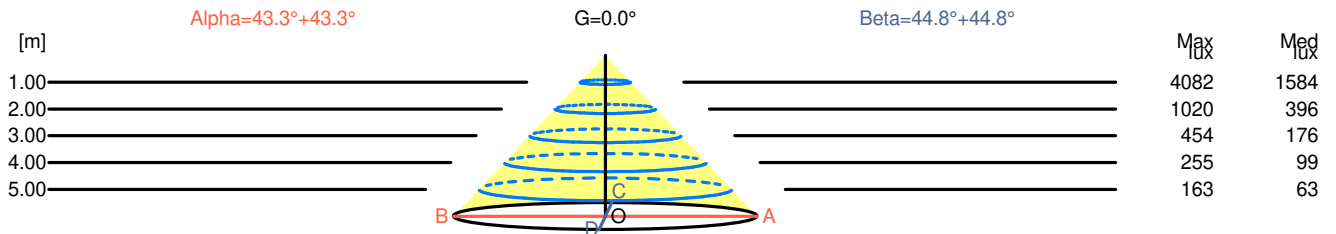
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Width at 50.00 % of Max Intensity

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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4081.97	4062.32	3876.83	3486.20	2928.51	1840.14	971.66	509.79	294.82	110.56
OB	4081.97	4062.32	3876.83	3486.20	2928.51	1840.14	971.66	509.79	294.82	110.56
OC	4081.97	4063.55	3891.57	3491.11	2935.88	2010.89	1015.89	519.61	302.19	108.10
OD	4081.97	4063.55	3891.57	3491.11	2935.88	2010.89	1015.89	519.61	302.19	108.10



H[m]	D[m]	Max lux	Med lux	Alpha=43.3°+43.3°	G=0.0
1.00	1.89	4082	1584		
2.00	3.77	1020	396		
3.00	5.66	454	176		
4.00	7.55	255	99		
5.00	9.43	163	63		

H[m]	D[m]	Max lux	Med lux	Beta=44.8°+44.8°	G=0.0
1.00	1.98	4082	1584		
2.00	3.97	1020	396		
3.00	5.95	454	176		
4.00	7.93	255	99		
5.00	9.92	163	63		

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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	15.1	16.2	15.4	16.4	16.6	15.3	16.4	15.5	16.6	16.8
x=2H y=3H	15.7	16.7	16.0	17.0	17.2	15.9	16.9	16.2	17.1	17.4
x=2H y=4H	16.0	17.0	16.4	17.2	17.5	16.2	17.1	16.5	17.4	17.7
x=2H y=6H	16.3	17.2	16.7	17.5	17.8	16.5	17.3	16.8	17.6	18.0
x=2H y=8H	16.4	17.2	16.8	17.6	17.9	16.6	17.4	16.9	17.7	18.0
x=2H y=12H	16.5	17.3	16.8	17.6	17.9	16.6	17.4	17.0	17.7	18.1
x=4H y=2H	15.3	16.3	15.7	16.5	16.8	15.5	16.4	15.8	16.7	17.0
x=4H y=3H	16.2	17.0	16.6	17.3	17.6	16.3	17.2	16.7	17.5	17.8
x=4H y=4H	16.6	17.3	17.0	17.7	18.0	16.8	17.5	17.2	17.8	18.2
x=4H y=6H	17.0	17.7	17.5	18.0	18.4	17.2	17.8	17.6	18.2	18.6
x=4H y=8H	17.2	17.8	17.6	18.2	18.6	17.3	17.9	17.7	18.3	18.7
x=4H y=12H	17.3	17.8	17.8	18.2	18.7	17.4	17.9	17.9	18.3	18.8
x=8H y=4H	16.8	17.4	17.2	17.8	18.2	16.9	17.5	17.4	17.9	18.3
x=8H y=6H	17.3	17.8	17.8	18.2	18.7	17.5	17.9	17.9	18.3	18.8
x=8H y=8H	17.6	18.0	18.1	18.4	18.9	17.7	18.1	18.2	18.5	19.0
x=8H y=12H	17.8	18.1	18.2	18.6	19.1	17.8	18.2	18.3	18.6	19.2
x=12H y=4H	16.8	17.3	17.3	17.7	18.2	16.9	17.4	17.4	17.9	18.3
x=12H y=6H	17.4	17.8	17.9	18.2	18.7	17.5	17.9	18.0	18.3	18.8
x=12H y=8H	17.6	18.0	18.1	18.4	19.0	17.7	18.1	18.2	18.5	19.1

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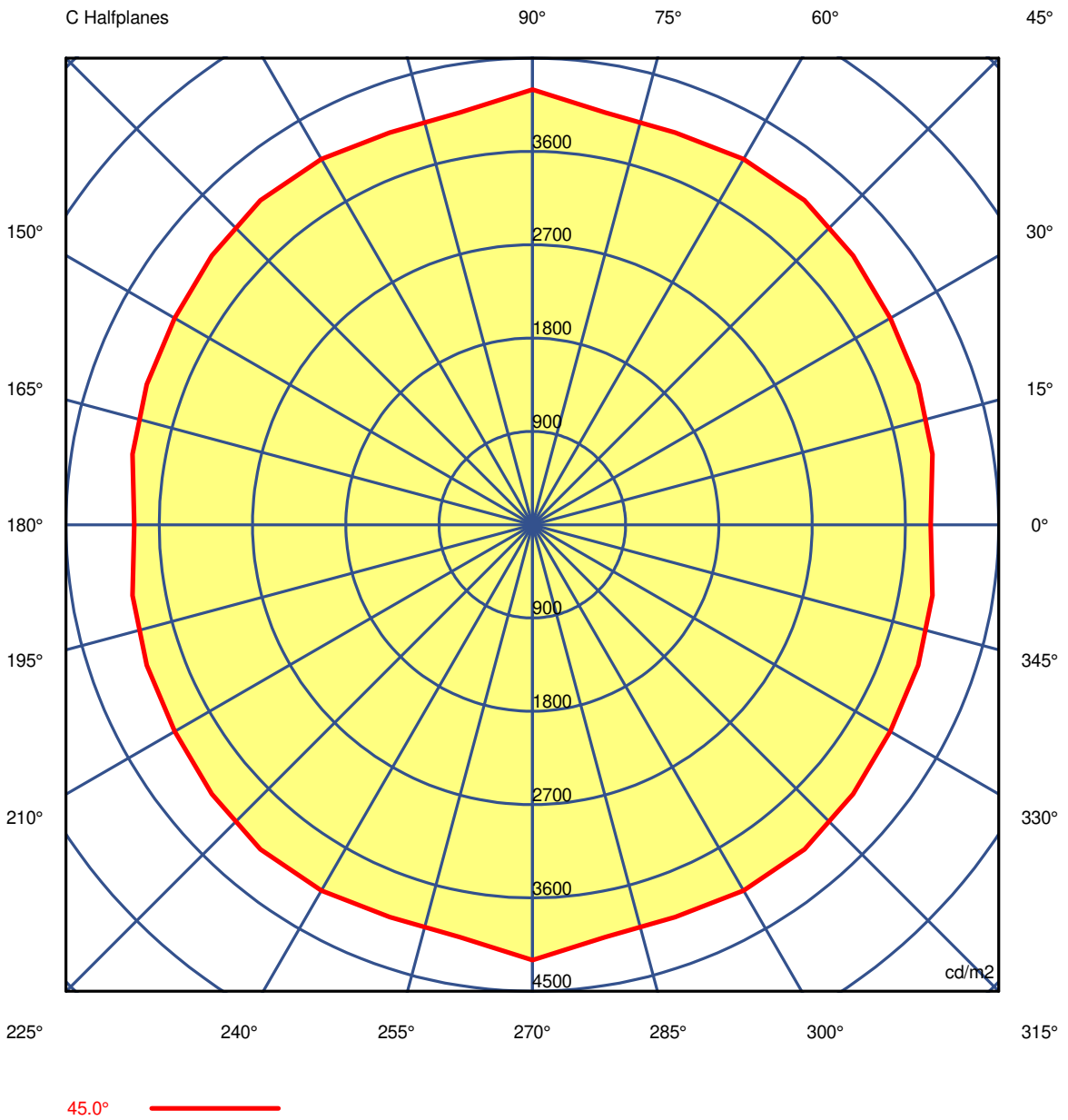
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Luminance



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Source Flux	12284 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	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835
G 5.0	6749	6753	6752	6749	6752	6752	6749	6748	6750	6751	6750	6748	6749
G 10.0	6639	6642	6639	6633	6633	6632	6631	6638	6641	6641	6641	6638	6631
G 15.0	6487	6491	6485	6473	6469	6469	6475	6488	6502	6512	6502	6488	6475
G 20.0	6296	6296	6293	6284	6279	6277	6282	6298	6313	6319	6313	6298	6282
G 25.0	6061	6057	6060	6068	6068	6068	6068	6071	6072	6070	6072	6071	6068
G 30.0	5801	5799	5801	5808	5817	5826	5830	5824	5808	5788	5808	5824	5830
G 35.0	5472	5472	5466	5458	5473	5491	5501	5509	5503	5485	5503	5509	5501
G 40.0	4829	4910	4915	4882	4917	4942	4930	4942	4988	5053	4988	4942	4930
G 45.0	3842	3920	3962	3985	4039	4086	4075	4025	4038	4198	4038	4025	4075
G 50.0	3095	3004	3025	3117	3126	3135	3169	3212	3198	3120	3198	3212	3169
G 55.0	2380	2386	2419	2440	2390	2378	2440	2505	2521	2488	2521	2505	2440
G 60.0	1819	1915	1937	1906	1915	1962	1989	1950	1966	2076	1966	1950	1989
G 65.0	1568	1559	1557	1564	1581	1589	1602	1646	1651	1598	1651	1646	1602
G 70.0	1423	1410	1391	1379	1394	1402	1393	1389	1386	1379	1386	1389	1393
G 75.0	1270	1239	1238	1260	1270	1269	1265	1266	1279	1302	1279	1266	1265
G 80.0	1082	1116	1119	1096	1081	1092	1116	1117	1099	1076	1099	1117	1116
G 85.0	838	847	841	819	798	788	791	804	814	819	814	804	791
G 90.0	536	459	452	475	429	423	459	429	416	459	416	429	459

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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	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835
G 5.0	6752	6752	6749	6752	6753	6749	6753	6752	6749	6752	6752	6749	6748
G 10.0	6632	6633	6633	6639	6642	6639	6642	6639	6633	6633	6632	6631	6638
G 15.0	6469	6469	6473	6485	6491	6487	6491	6485	6473	6469	6469	6475	6488
G 20.0	6277	6279	6284	6293	6296	6296	6296	6293	6284	6279	6277	6282	6298
G 25.0	6068	6068	6068	6060	6057	6061	6057	6060	6068	6068	6068	6068	6071
G 30.0	5826	5817	5808	5801	5799	5801	5799	5801	5808	5817	5826	5830	5824
G 35.0	5491	5473	5458	5466	5472	5472	5472	5466	5458	5473	5491	5501	5509
G 40.0	4942	4917	4882	4915	4910	4829	4910	4915	4882	4917	4942	4930	4942
G 45.0	4086	4039	3985	3962	3920	3842	3920	3962	3985	4039	4086	4075	4025
G 50.0	3135	3126	3117	3025	3004	3095	3004	3025	3117	3126	3135	3169	3212
G 55.0	2378	2390	2440	2419	2386	2380	2386	2419	2440	2390	2378	2440	2505
G 60.0	1962	1915	1906	1937	1915	1819	1915	1937	1906	1915	1962	1989	1950
G 65.0	1589	1581	1564	1557	1559	1568	1559	1557	1564	1581	1589	1602	1646
G 70.0	1402	1394	1379	1391	1410	1423	1410	1391	1379	1394	1402	1393	1389
G 75.0	1269	1270	1260	1238	1239	1270	1239	1238	1260	1270	1269	1265	1266
G 80.0	1092	1081	1096	1119	1116	1082	1116	1119	1096	1081	1092	1116	1117
G 85.0	788	798	819	841	847	838	847	841	798	788	788	791	804
G 90.0	423	429	475	452	459	536	459	452	475	429	423	459	429

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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	6835	6835	6835	6835	6835	6835	6835	6835	6835	6835
G 5.0	6750	6751	6750	6748	6749	6752	6752	6749	6752	6753
G 10.0	6641	6641	6641	6638	6631	6632	6633	6633	6639	6642
G 15.0	6502	6512	6502	6488	6475	6469	6469	6473	6485	6491
G 20.0	6313	6319	6313	6298	6282	6277	6279	6284	6293	6296
G 25.0	6072	6070	6072	6071	6068	6068	6068	6068	6060	6057
G 30.0	5808	5788	5808	5824	5830	5826	5817	5808	5801	5799
G 35.0	5503	5485	5503	5509	5501	5491	5473	5458	5466	5472
G 40.0	4988	5053	4988	4942	4930	4942	4917	4882	4915	4910
G 45.0	4038	4198	4038	4025	4075	4086	4039	3985	3962	3920
G 50.0	3198	3120	3198	3212	3169	3135	3126	3117	3025	3004
G 55.0	2521	2488	2521	2505	2440	2378	2390	2440	2419	2386
G 60.0	1966	2076	1966	1950	1989	1962	1915	1906	1937	1915
G 65.0	1651	1598	1651	1646	1602	1589	1581	1564	1557	1559
G 70.0	1386	1379	1386	1389	1393	1402	1394	1379	1391	1410
G 75.0	1279	1302	1279	1266	1265	1269	1270	1260	1238	1239
G 80.0	1099	1076	1099	1117	1116	1092	1081	1096	1119	1116
G 85.0	814	819	814	804	791	788	798	819	841	847
G 90.0	416	459	416	429	459	423	429	475	452	459