

Luminaire

Code 90620L115

Name ROFY 85 D1150 GCONTROL+ 830 HO

Measurem.

Code 4/8/2023

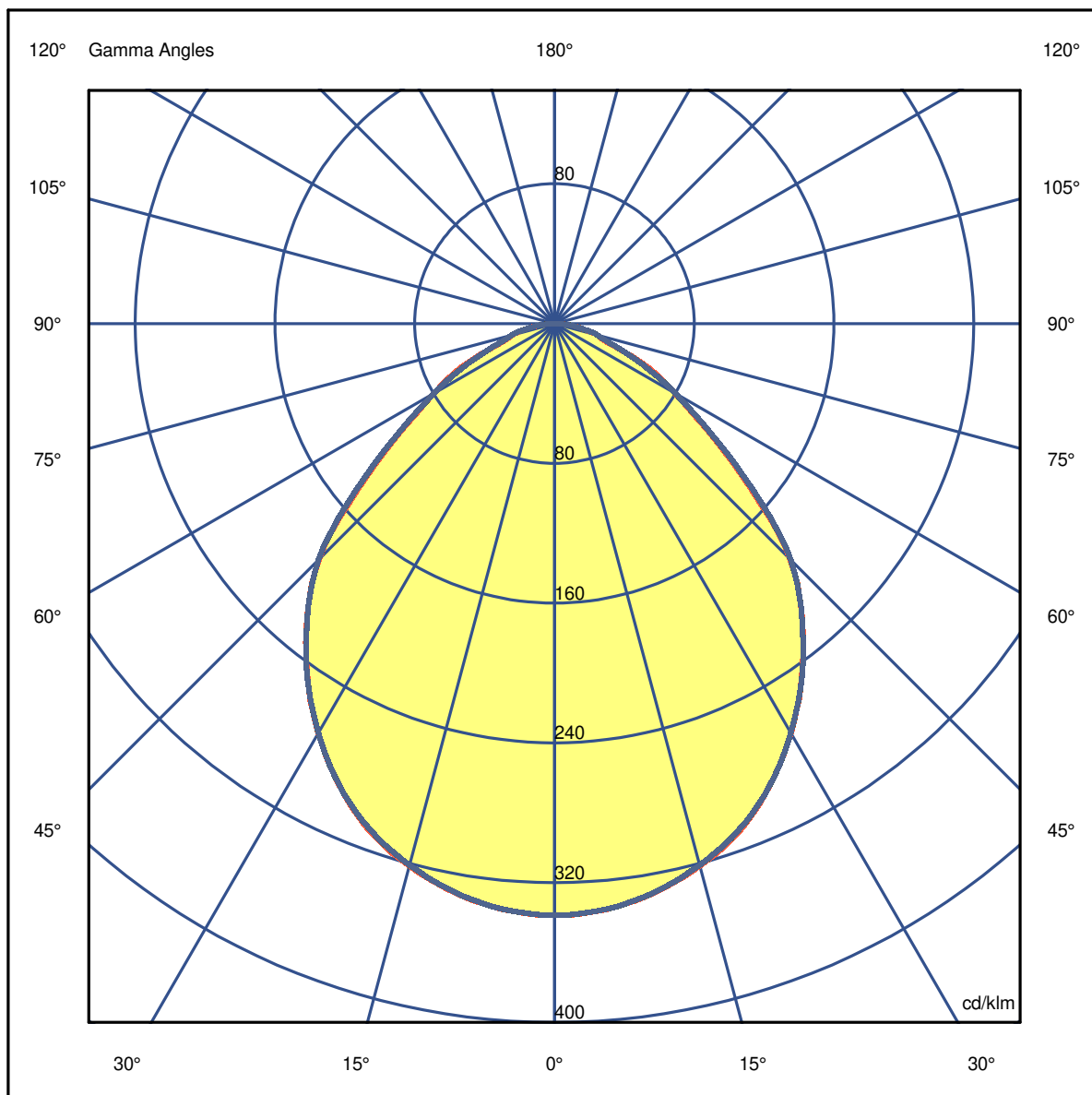
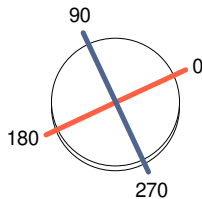
Name ROFY 85 D1150 GCONTROL+ 830 HO

Luminaire Flux	14101 lm	Luminaire Power	106.6 W	Efficacy	132.263 lm/W	Efficiency	73.67%
Source Flux	19140 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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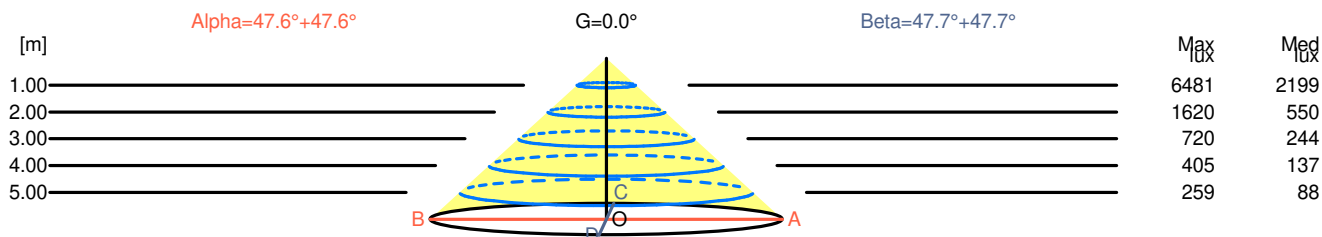
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Width at 50.00 % of Max Intensity

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	1.09	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	6480.80	6442.52	6149.68	5583.14	4719.92	3650.00	2055.64	1121.60	484.24	137.81
OB	6480.80	6442.52	6149.68	5583.14	4719.92	3650.00	2055.64	1121.60	484.24	137.81
OC	6480.80	6440.61	6142.03	5579.31	4723.75	3659.57	2086.26	1068.01	488.07	135.89
OD	6480.80	6440.61	6142.03	5579.31	4723.75	3659.57	2086.26	1068.01	488.07	135.89



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	6481	2199			
2.00	4.38	1620	550			
3.00	6.57	720	244			
4.00	8.76	405	137			
5.00	10.95	259	88			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	6481	2199			
2.00	4.40	1620	550			
3.00	6.60	720	244			
4.00	8.80	405	137			
5.00	10.99	259	88			

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Source Flux	19140 lm	Maximum value	338.60 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	16.2	17.4	16.5	17.6	17.8	16.2	17.4	16.5	17.6	17.8
x=2H y=3H	16.9	17.9	17.2	18.2	18.4	16.9	17.9	17.2	18.2	18.4
x=2H y=4H	17.1	18.1	17.4	18.4	18.6	17.1	18.1	17.4	18.3	18.6
x=2H y=6H	17.3	18.2	17.6	18.5	18.8	17.3	18.2	17.6	18.5	18.8
x=2H y=8H	17.4	18.2	17.7	18.5	18.9	17.3	18.2	17.7	18.5	18.8
x=2H y=12H	17.4	18.2	17.7	18.5	18.9	17.3	18.2	17.7	18.5	18.8
x=4H y=2H	16.4	17.4	16.7	17.6	17.9	16.4	17.4	16.7	17.6	17.9
x=4H y=3H	17.2	18.1	17.6	18.4	18.7	17.2	18.0	17.5	18.3	18.7
x=4H y=4H	17.6	18.3	17.9	18.6	19.0	17.5	18.3	17.9	18.6	19.0
x=4H y=6H	17.9	18.5	18.3	18.9	19.3	17.8	18.5	18.3	18.9	19.2
x=4H y=8H	18.0	18.5	18.4	18.9	19.3	17.9	18.5	18.4	18.9	19.3
x=4H y=12H	18.0	18.5	18.5	19.0	19.4	18.0	18.5	18.5	18.9	19.4
x=8H y=4H	17.7	18.2	18.1	18.6	19.0	17.6	18.2	18.1	18.6	19.0
x=8H y=6H	18.1	18.6	18.5	19.0	19.4	18.1	18.5	18.5	19.0	19.4
x=8H y=8H	18.2	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	18.3	18.7	18.8	19.2	19.7
x=12H y=4H	17.7	18.2	18.1	18.6	19.0	17.6	18.2	18.1	18.6	19.0
x=12H y=6H	18.1	18.5	18.6	19.0	19.4	18.1	18.5	18.6	18.9	19.4
x=12H y=8H	18.3	18.7	18.8	19.1	19.6	18.3	18.6	18.8	19.1	19.6

Luminaire

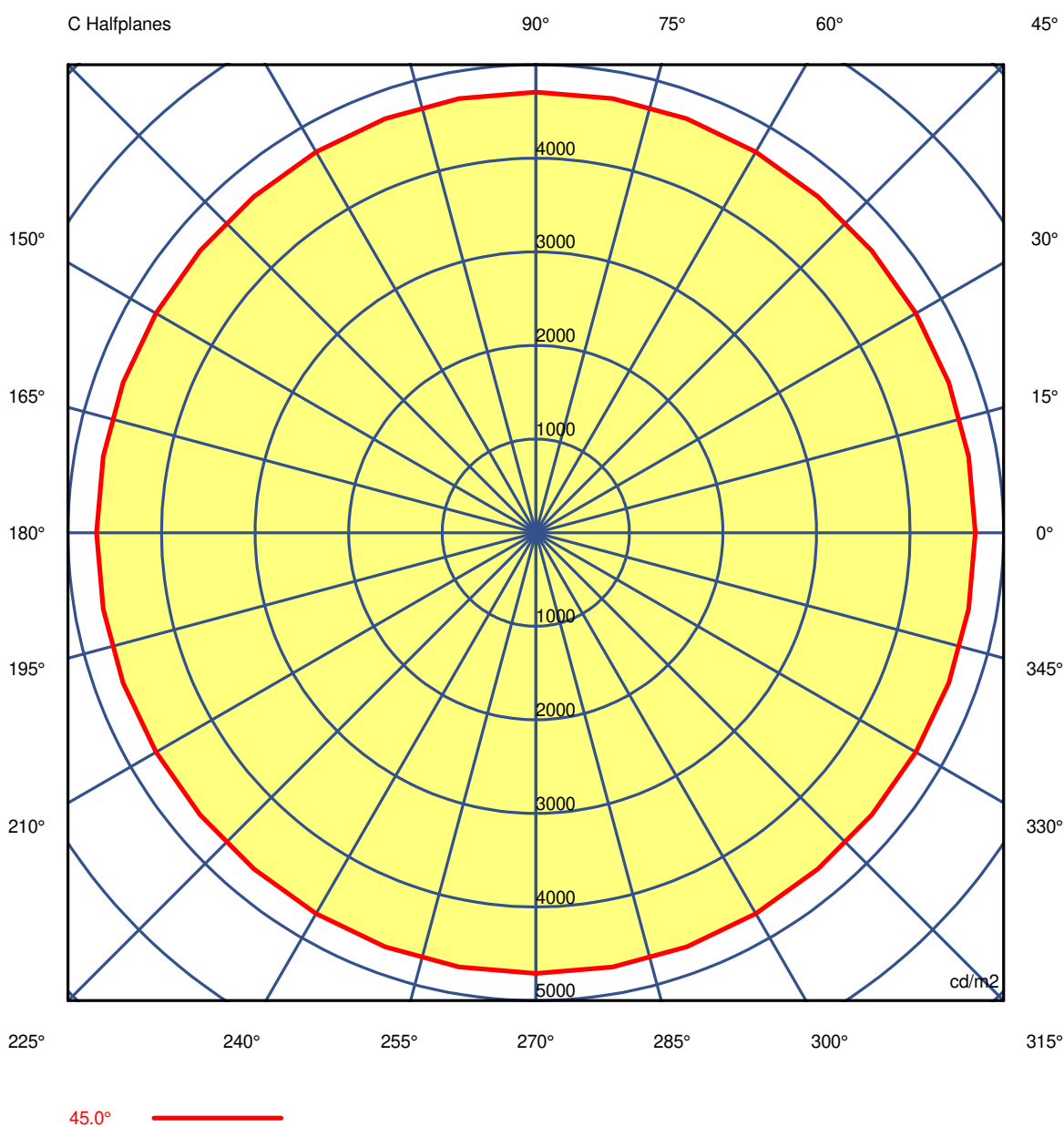
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Luminaire Flux	14101 lm	Luminaire Power	106.6 W	Efficacy	132.263 lm/W	Efficiency	73.67%
Source Flux	19140 lm	Maximum value	338.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux	14101 lm	Luminaire Power		106.6 W		Efficacy		132.263 lm/W		Efficiency		73.67%	
Source Flux	19140 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	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462
G 5.0	6395	6392	6392	6395	6395	6394	6393	6392	6391	6393	6391	6392	6393
G 10.0	6300	6299	6298	6297	6295	6294	6293	6292	6294	6297	6294	6292	6293
G 15.0	6190	6187	6183	6178	6175	6173	6172	6174	6178	6182	6178	6174	6172
G 20.0	6066	6056	6044	6031	6023	6020	6023	6035	6045	6049	6045	6035	6023
G 25.0	5880	5873	5867	5862	5858	5855	5856	5862	5870	5876	5870	5862	5856
G 30.0	5653	5648	5648	5657	5671	5672	5661	5652	5649	5649	5649	5652	5661
G 35.0	5384	5387	5398	5417	5431	5435	5424	5400	5390	5389	5390	5400	5424
G 40.0	5085	5089	5096	5108	5121	5123	5113	5103	5093	5080	5093	5103	5113
G 45.0	4697	4697	4695	4690	4687	4690	4700	4709	4713	4710	4713	4709	4700
G 50.0	3901	3981	4026	3971	3798	3795	3965	4032	4009	3955	4009	4032	3965
G 55.0	3144	3379	3271	2871	2570	2547	2828	3265	3412	3190	3412	3265	2828
G 60.0	2599	2593	2402	2020	2070	2094	2092	2428	2595	2606	2595	2428	2092
G 65.0	2195	2140	1950	1671	1792	1819	1712	1921	2061	2091	2061	1921	1712
G 70.0	1506	1647	1682	1586	1442	1430	1551	1633	1632	1573	1632	1633	1551
G 75.0	1374	1422	1353	1244	1271	1273	1244	1344	1415	1385	1415	1344	1244
G 80.0	1090	1147	1201	1225	1199	1196	1225	1217	1168	1097	1168	1217	1225
G 85.0	753	852	942	962	864	860	951	923	832	742	832	923	951
G 90.0	159	159	159	159	159	159	159	159	159	159	159	159	159

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Source Flux	19140 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	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462	
G 5.0	6394	6395	6395	6392	6392	6395	6392	6392	6395	6395	6394	6393	6392	
G 10.0	6294	6295	6297	6298	6299	6300	6299	6298	6297	6295	6294	6293	6292	
G 15.0	6173	6175	6178	6183	6187	6190	6187	6183	6178	6175	6173	6172	6174	
G 20.0	6020	6023	6031	6044	6056	6066	6056	6044	6031	6023	6020	6023	6035	
G 25.0	5855	5858	5862	5867	5873	5880	5873	5867	5862	5858	5855	5856	5862	
G 30.0	5672	5671	5657	5648	5648	5653	5648	5648	5657	5671	5672	5661	5652	
G 35.0	5435	5431	5417	5398	5387	5384	5387	5398	5417	5431	5435	5424	5400	
G 40.0	5123	5121	5108	5096	5089	5085	5089	5096	5108	5121	5123	5113	5103	
G 45.0	4690	4687	4690	4695	4697	4697	4697	4695	4690	4687	4690	4700	4709	
G 50.0	3795	3798	3971	4026	3981	3901	3981	4026	3971	3798	3795	3965	4032	
G 55.0	2547	2570	2871	3271	3379	3144	3379	3271	2871	2570	2547	2828	3265	
G 60.0	2094	2070	2020	2402	2593	2599	2593	2402	2020	2070	2094	2092	2428	
G 65.0	1819	1792	1671	1950	2140	2195	2140	1950	1671	1792	1819	1712	1921	
G 70.0	1430	1442	1586	1682	1647	1506	1647	1682	1586	1442	1430	1551	1633	
G 75.0	1273	1271	1244	1353	1422	1374	1422	1353	1244	1271	1273	1244	1344	
G 80.0	1196	1199	1225	1201	1147	1090	1147	1201	1225	1199	1196	1225	1217	
G 85.0	860	864	962	942	852	753	852	942	962	864	860	951	923	
G 90.0	159	159	159	159	159	159	159	159	159	159	159	159	159	

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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	6462	6462	6462	6462	6462	6462	6462	6462	6462	6462
G 5.0	6391	6393	6391	6392	6393	6394	6395	6395	6392	6392
G 10.0	6294	6297	6294	6292	6293	6294	6295	6297	6298	6299
G 15.0	6178	6182	6178	6174	6172	6173	6175	6178	6183	6187
G 20.0	6045	6049	6045	6035	6023	6020	6023	6031	6044	6056
G 25.0	5870	5876	5870	5862	5856	5855	5858	5862	5867	5873
G 30.0	5649	5649	5649	5652	5661	5672	5671	5657	5648	5648
G 35.0	5390	5389	5390	5400	5424	5435	5431	5417	5398	5387
G 40.0	5093	5080	5093	5103	5113	5123	5121	5108	5096	5089
G 45.0	4713	4710	4713	4709	4700	4690	4687	4690	4695	4697
G 50.0	4009	3955	4009	4032	3965	3795	3798	3971	4026	3981
G 55.0	3412	3190	3412	3265	2828	2547	2570	2871	3271	3379
G 60.0	2595	2606	2595	2428	2092	2094	2070	2020	2402	2593
G 65.0	2061	2091	2061	1921	1712	1819	1792	1671	1950	2140
G 70.0	1632	1573	1632	1633	1551	1430	1442	1586	1682	1647
G 75.0	1415	1385	1415	1344	1244	1273	1271	1244	1353	1422
G 80.0	1168	1097	1168	1217	1225	1196	1199	1225	1201	1147
G 85.0	832	742	832	923	951	860	864	962	942	852
G 90.0	159	159	159	159	159	159	159	159	159	159