

Luminaire

Code 90591L600
Name ROFY 60 /T D/I D0600 GCONTROL+ 840 HO

Measurem.

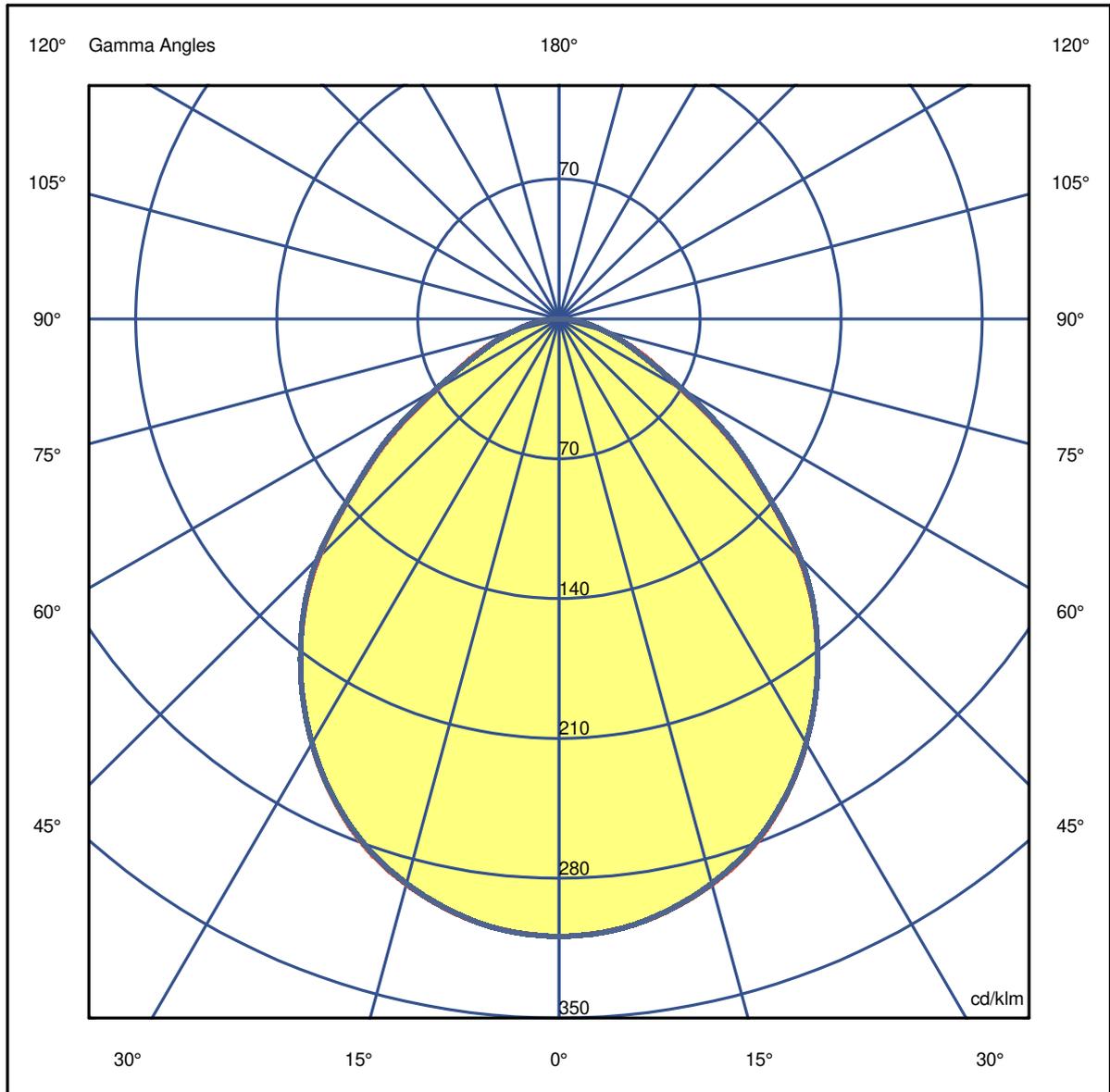
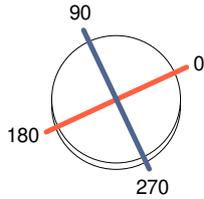
Code 26/7/2023
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Luminaire Flux	6872 lm	Luminaire Power	56.3 W	Efficacy	122.089 lm/W	Efficiency	66.03%
Source Flux	10408 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=718mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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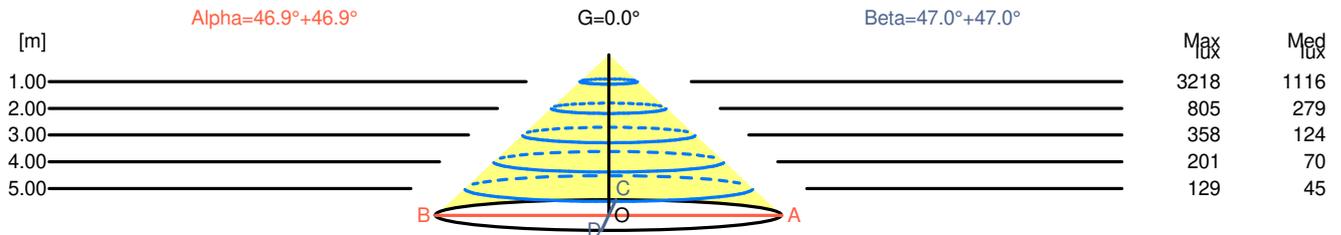
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Width at 50.00 % of Max Intensity

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	1.07	2.14	3.21	4.28	5.35	OC	1.07	2.15	3.22	4.30	5.37
OB	1.07	2.14	3.21	4.28	5.35	OD	1.07	2.15	3.22	4.30	5.37

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3218.15	3197.34	3048.50	2757.08	2319.94	1754.79	1061.62	519.36	242.51	77.02
OB	3218.15	3197.34	3048.50	2757.08	2319.94	1754.79	1061.62	519.36	242.51	77.02
OC	3218.15	3198.38	3045.38	2753.96	2319.94	1763.12	1073.06	505.83	242.51	78.06
OD	3218.15	3198.38	3045.38	2753.96	2319.94	1763.12	1073.06	505.83	242.51	78.06



H[m]	D[m]	Max lux	Med lux	Alpha=46.9°+46.9°	G=0.0
1.00	2.14	3218	1116		
2.00	4.28	805	279		
3.00	6.42	358	124		
4.00	8.56	201	70		
5.00	10.70	129	45		

H[m]	D[m]	Max lux	Med lux	Beta=47.0°+47.0°	G=0.0
1.00	2.15	3218	1116		
2.00	4.30	805	279		
3.00	6.44	358	124		
4.00	8.59	201	70		
5.00	10.74	129	45		

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

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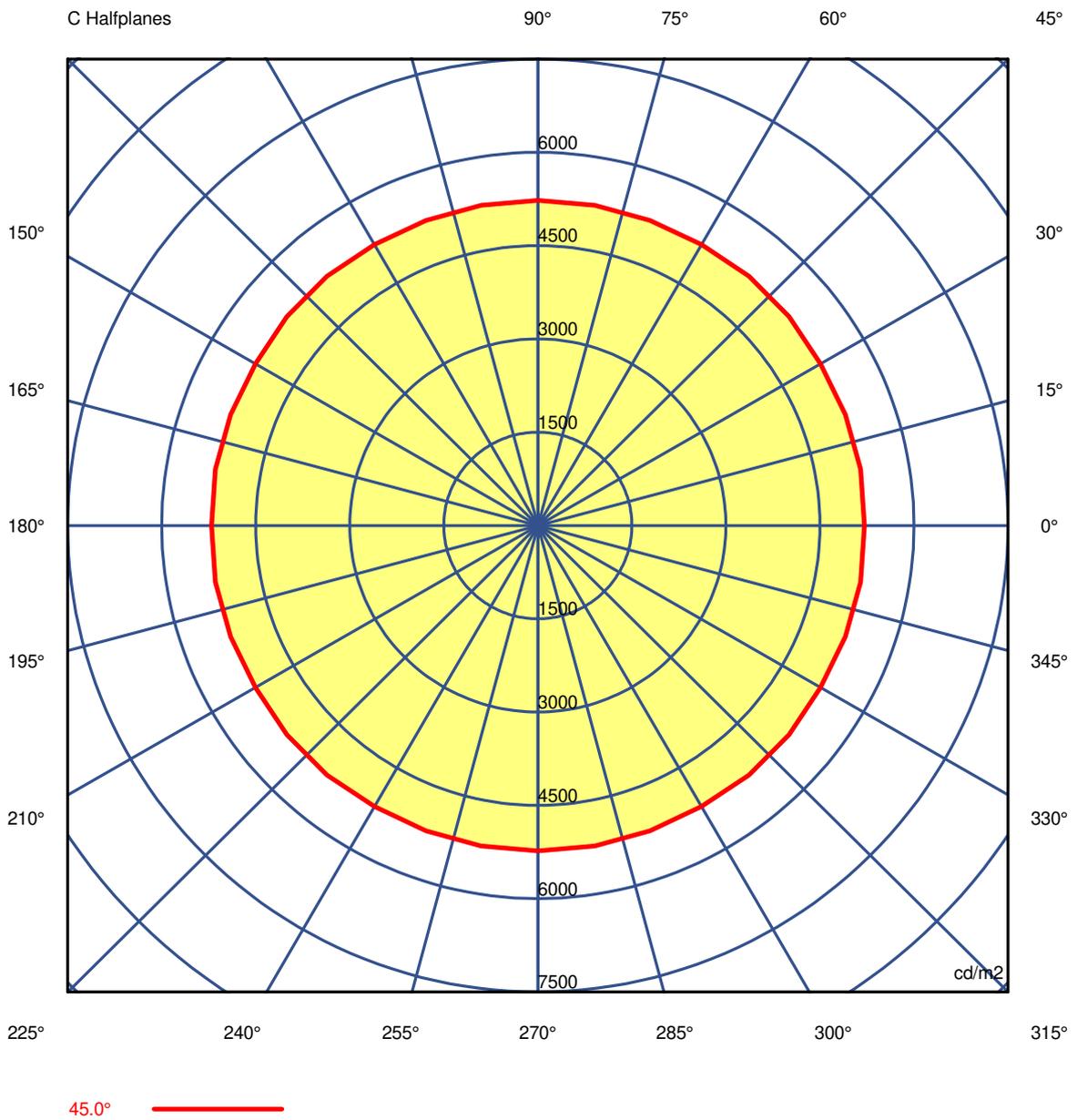
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Luminaire Flux	6872 lm	Luminaire Power	56.3 W	Efficacy	122.089 lm/W	Efficiency	66.03%
Source Flux	10408 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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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	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362
G 5.0	8170	8170	8170	8170	8170	8171	8172	8170	8170	8172	8170	8170	8172
G 10.0	7949	7949	7948	7946	7946	7946	7946	7946	7946	7946	7946	7946	7946
G 15.0	7709	7708	7704	7698	7696	7695	7695	7697	7699	7701	7699	7697	7695
G 20.0	7445	7440	7432	7421	7412	7410	7415	7423	7428	7431	7428	7423	7415
G 25.0	7114	7113	7110	7104	7096	7092	7095	7103	7106	7106	7106	7103	7095
G 30.0	6731	6737	6742	6745	6747	6747	6745	6744	6739	6731	6739	6744	6745
G 35.0	6307	6317	6323	6330	6342	6346	6338	6329	6319	6307	6319	6329	6338
G 40.0	5826	5831	5838	5846	5853	5854	5849	5843	5837	5831	5837	5843	5849
G 45.0	5208	5226	5218	5204	5229	5235	5217	5225	5232	5232	5232	5225	5217
G 50.0	4342	4287	4186	4112	4180	4185	4126	4204	4307	4358	4307	4204	4126
G 55.0	3588	3262	3117	3085	2962	2963	3092	3138	3295	3627	3295	3138	3092
G 60.0	2676	2388	2349	2393	2166	2167	2404	2388	2442	2722	2442	2388	2404
G 65.0	2113	1865	1855	1923	1721	1714	1906	1837	1836	2058	1836	1837	1906
G 70.0	1668	1496	1412	1429	1480	1466	1410	1432	1523	1644	1523	1432	1410
G 75.0	1289	1179	1164	1195	1147	1137	1184	1185	1211	1289	1211	1185	1184
G 80.0	947	914	912	947	994	1005	974	936	931	960	931	936	974
G 85.0	617	569	563	600	642	644	608	578	584	625	584	578	608
G 90.0	125	125	125	125	125	125	125	125	125	125	125	125	125

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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	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362
G 5.0	8171	8170	8170	8170	8170	8170	8170	8170	8170	8170	8171	8172	8170
G 10.0	7946	7946	7946	7948	7949	7949	7949	7948	7946	7946	7946	7946	7946
G 15.0	7695	7696	7698	7704	7708	7709	7708	7704	7698	7696	7695	7695	7697
G 20.0	7410	7412	7421	7432	7440	7445	7440	7432	7421	7412	7410	7415	7423
G 25.0	7092	7096	7104	7110	7113	7114	7113	7110	7104	7096	7092	7095	7103
G 30.0	6747	6747	6745	6742	6737	6731	6737	6742	6745	6747	6747	6745	6744
G 35.0	6346	6342	6330	6323	6317	6307	6317	6323	6330	6342	6346	6338	6329
G 40.0	5854	5853	5846	5838	5831	5826	5831	5838	5846	5853	5854	5849	5843
G 45.0	5235	5229	5204	5218	5226	5208	5226	5218	5204	5229	5235	5217	5225
G 50.0	4185	4180	4112	4186	4287	4342	4287	4186	4112	4180	4185	4126	4204
G 55.0	2963	2962	3085	3117	3262	3588	3262	3117	3085	2962	2963	3092	3138
G 60.0	2167	2166	2393	2349	2388	2676	2388	2349	2393	2166	2167	2404	2388
G 65.0	1714	1721	1923	1855	1865	2113	1865	1855	1923	1721	1714	1906	1837
G 70.0	1466	1480	1429	1412	1496	1668	1496	1412	1429	1480	1466	1410	1432
G 75.0	1137	1147	1195	1164	1179	1289	1179	1164	1195	1147	1137	1184	1185
G 80.0	1005	994	947	912	914	947	914	912	947	994	1005	974	936
G 85.0	644	642	600	563	569	617	569	600	642	644	644	608	578
G 90.0	125	125	125	125	125	125	125	125	125	125	125	125	125

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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	8362	8362	8362	8362	8362	8362	8362	8362	8362	8362
G 5.0	8170	8172	8170	8170	8172	8171	8170	8170	8170	8170
G 10.0	7946	7946	7946	7946	7946	7946	7946	7946	7948	7949
G 15.0	7699	7701	7699	7697	7695	7696	7696	7698	7704	7708
G 20.0	7428	7431	7428	7423	7415	7410	7412	7421	7432	7440
G 25.0	7106	7106	7106	7103	7095	7092	7096	7104	7110	7113
G 30.0	6739	6731	6739	6744	6745	6747	6747	6745	6742	6737
G 35.0	6319	6307	6319	6329	6338	6346	6342	6330	6323	6317
G 40.0	5837	5831	5837	5843	5849	5854	5853	5846	5838	5831
G 45.0	5232	5232	5232	5225	5217	5235	5229	5204	5218	5226
G 50.0	4307	4358	4307	4204	4126	4185	4180	4112	4186	4287
G 55.0	3295	3627	3295	3138	3092	2963	2962	3085	3117	3262
G 60.0	2442	2722	2442	2388	2404	2167	2166	2393	2349	2388
G 65.0	1836	2058	1836	1837	1906	1714	1721	1923	1855	1865
G 70.0	1523	1644	1523	1432	1410	1466	1480	1429	1412	1496
G 75.0	1211	1289	1211	1185	1184	1137	1147	1195	1164	1179
G 80.0	931	960	931	936	974	1005	994	947	912	914
G 85.0	584	625	584	578	608	644	642	600	563	569
G 90.0	125	125	125	125	125	125	125	125	125	125