

Luminaire

Code 90715L286
Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 830 LO

Measurem.

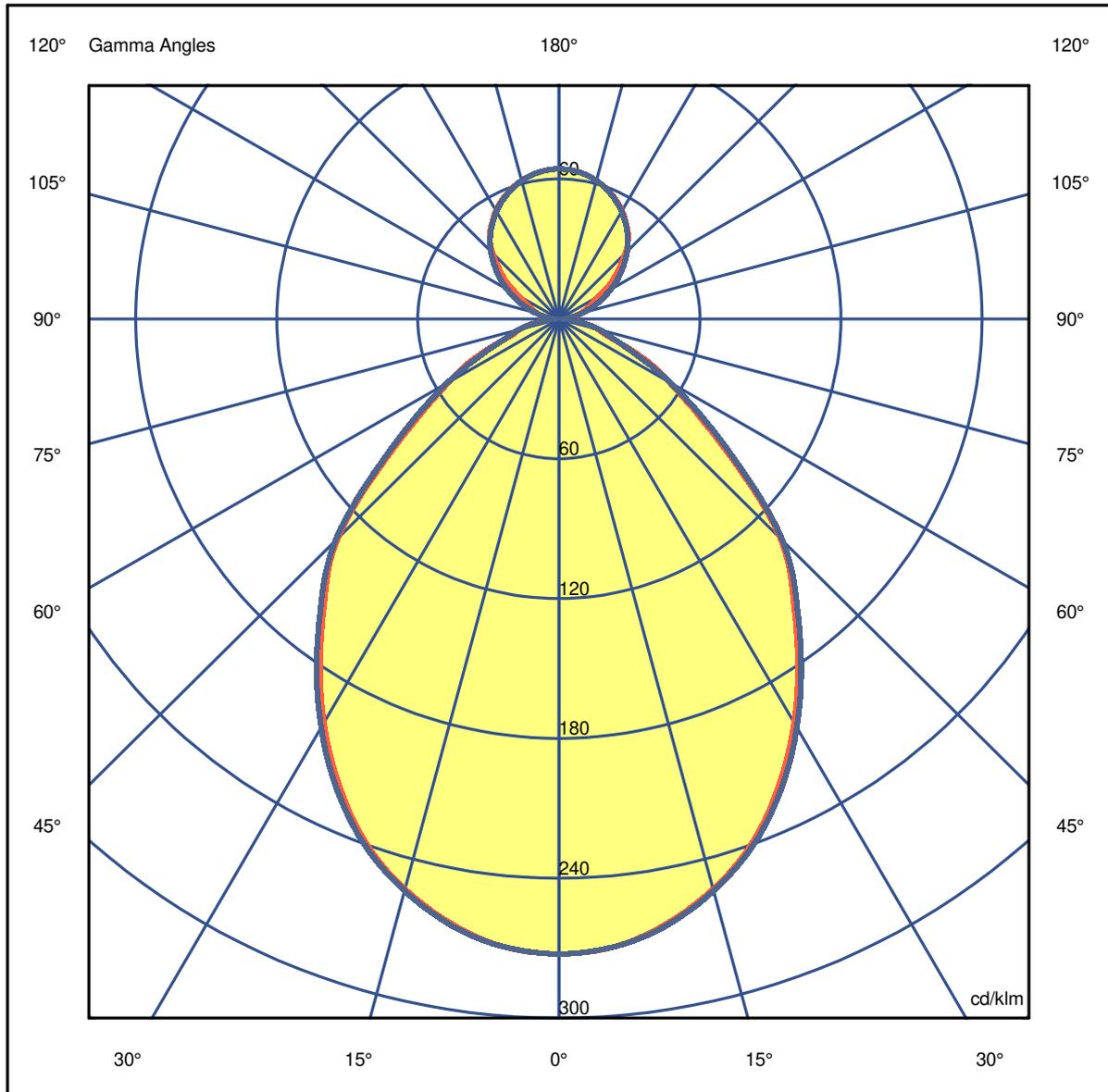
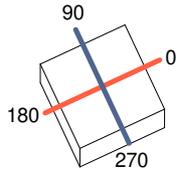
Code 9/8/2023
Name ROFY 60 SQ D/I L0286W286 GCONTROL+ 830 LO

Luminaire Flux	1723 lm	Luminaire Power	14.8 W	Efficacy	116.054 lm/W	Efficiency	70.98%
Source Flux	2428 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

286mm x 286mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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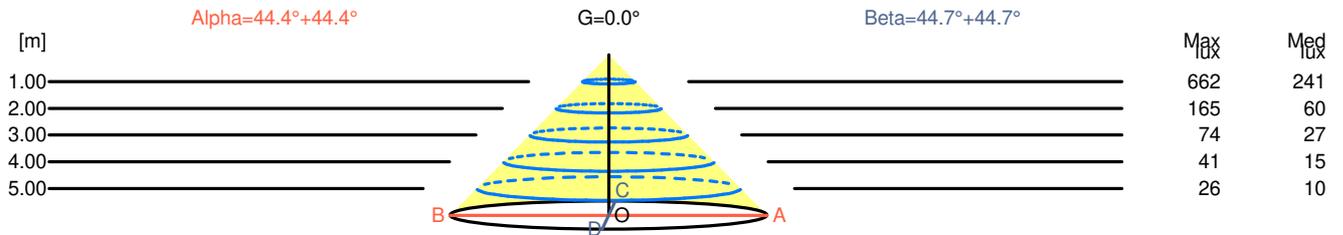
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Width at 50.00 % of Max Intensity

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	0.98	1.96	2.94	3.92	4.90	OC	0.99	1.98	2.97	3.95	4.94
OB	0.98	1.96	2.94	3.92	4.90	OD	0.99	1.98	2.97	3.95	4.94

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	661.87	656.53	615.01	536.83	430.24	323.41	177.49	95.18	42.49	14.81
OB	661.87	656.53	615.01	536.83	430.24	323.41	177.49	95.18	42.49	14.81
OC	661.87	656.53	616.71	541.93	436.31	326.81	183.80	88.62	43.70	12.38
OD	661.87	656.53	616.71	541.93	436.31	326.81	183.80	88.62	43.70	12.38



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0
1.00	1.96	662	241		
2.00	3.92	165	60		
3.00	5.88	74	27		
4.00	7.83	41	15		
5.00	9.79	26	10		

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0
1.00	1.98	662	241		
2.00	3.95	165	60		
3.00	5.93	74	27		
4.00	7.91	41	15		
5.00	9.89	26	10		

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Source Flux	2428 lm	Maximum value	272.60 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	14.3	15.2	14.9	15.8	16.5	14.4	15.3	15.0	15.9	16.6
x=2H y=3H	14.8	15.6	15.4	16.2	16.9	14.9	15.7	15.5	16.3	17.0
x=2H y=4H	14.9	15.7	15.6	16.3	17.1	15.0	15.8	15.6	16.4	17.1
x=2H y=6H	15.0	15.7	15.7	16.4	17.1	15.1	15.8	15.8	16.4	17.2
x=2H y=8H	15.0	15.7	15.7	16.4	17.1	15.1	15.7	15.8	16.4	17.2
x=2H y=12H	15.0	15.7	15.7	16.3	17.1	15.1	15.7	15.8	16.4	17.2
x=4H y=2H	14.3	15.0	14.9	15.7	16.4	14.4	15.2	15.0	15.8	16.5
x=4H y=3H	14.9	15.5	15.6	16.2	17.0	15.0	15.6	15.7	16.3	17.1
x=4H y=4H	15.1	15.7	15.9	16.4	17.2	15.2	15.8	15.9	16.4	17.3
x=4H y=6H	15.3	15.8	16.1	16.5	17.4	15.4	15.8	16.1	16.6	17.4
x=4H y=8H	15.4	15.8	16.1	16.5	17.4	15.4	15.8	16.2	16.6	17.5
x=4H y=12H	15.4	15.8	16.2	16.5	17.4	15.4	15.8	16.2	16.6	17.5
x=8H y=4H	15.1	15.5	15.9	16.3	17.2	15.2	15.6	15.9	16.4	17.2
x=8H y=6H	15.4	15.7	16.1	16.5	17.4	15.4	15.8	16.2	16.5	17.4
x=8H y=8H	15.5	15.8	16.3	16.6	17.5	15.5	15.8	16.3	16.6	17.5
x=8H y=12H	15.6	15.8	16.4	16.6	17.6	15.6	15.8	16.4	16.6	17.6
x=12H y=4H	15.1	15.5	15.8	16.2	17.1	15.1	15.5	15.9	16.3	17.2
x=12H y=6H	15.4	15.7	16.2	16.5	17.4	15.4	15.7	16.2	16.5	17.4
x=12H y=8H	15.5	15.7	16.3	16.5	17.5	15.5	15.8	16.3	16.6	17.5

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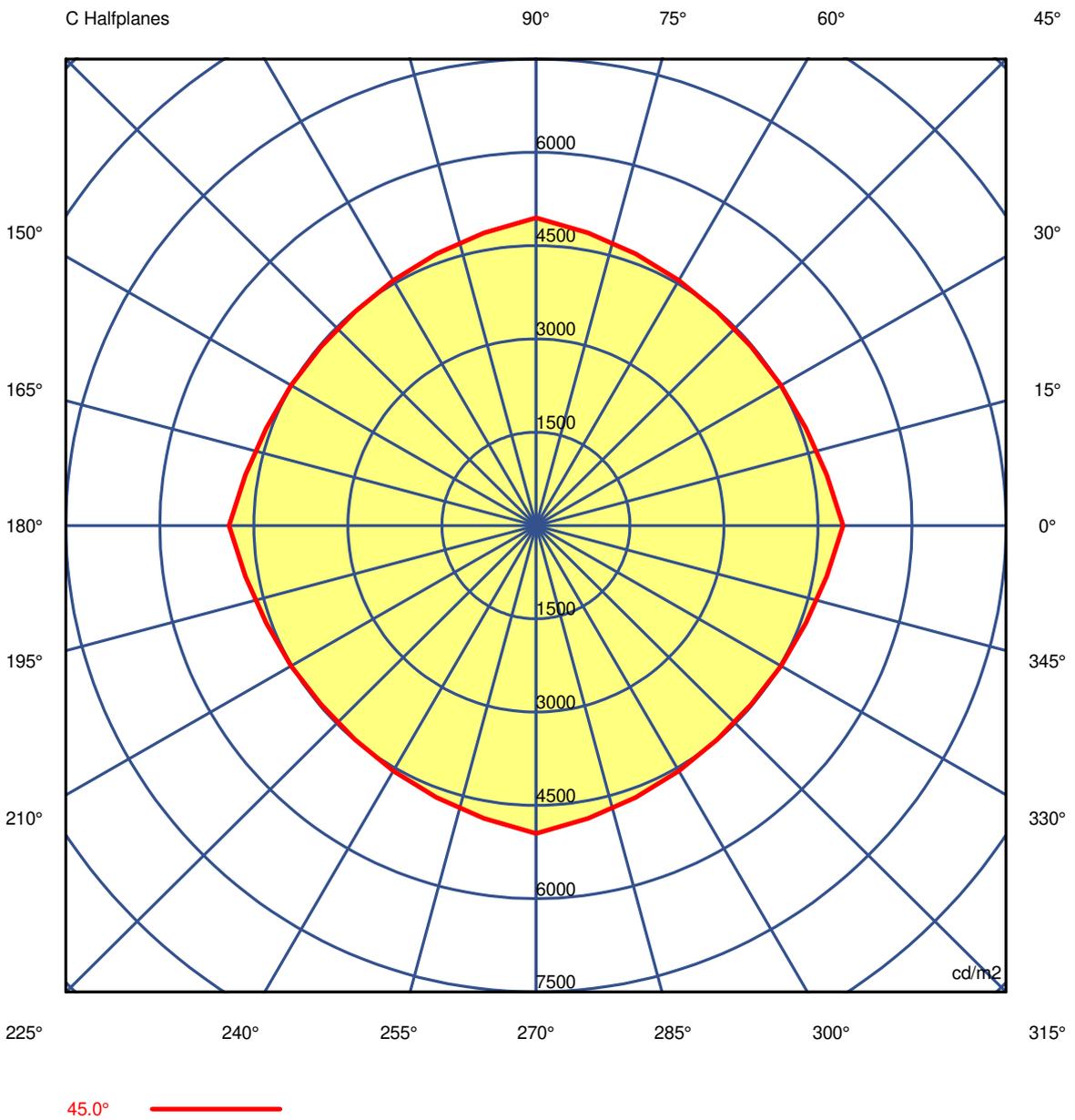
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Luminance



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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	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354
G 5.0	9061	9019	8990	8972	8956	8956	8972	8995	9025	9061	9025	8995	8972
G 10.0	8692	8621	8568	8532	8509	8513	8542	8582	8639	8715	8639	8582	8542
G 15.0	8289	8178	8100	8050	8022	8026	8069	8132	8213	8312	8213	8132	8069
G 20.0	7838	7695	7587	7515	7478	7488	7544	7629	7739	7874	7739	7629	7544
G 25.0	7286	7134	7023	6952	6918	6926	6984	7079	7202	7355	7202	7079	6984
G 30.0	6690	6490	6382	6352	6339	6353	6402	6481	6602	6771	6602	6481	6402
G 35.0	6066	5900	5797	5746	5722	5740	5794	5863	5980	6151	5980	5863	5794
G 40.0	5468	5301	5186	5121	5101	5119	5170	5252	5376	5549	5376	5252	5170
G 45.0	4899	4706	4582	4513	4476	4491	4557	4653	4781	4950	4781	4653	4557
G 50.0	3878	3787	3722	3617	3441	3475	3698	3801	3861	3971	3861	3801	3698
G 55.0	3003	3135	2930	2469	2144	2105	2403	2950	3232	3110	3232	2950	2403
G 60.0	2390	2262	2003	1618	1653	1683	1708	2087	2390	2425	2390	2087	1708
G 65.0	1889	1750	1515	1225	1320	1355	1292	1523	1736	1759	1736	1523	1292
G 70.0	1234	1293	1256	1118	970	975	1118	1223	1269	1288	1269	1223	1118
G 75.0	1058	1021	918	807	815	824	832	925	1024	1088	1024	925	832
G 80.0	766	751	731	705	690	690	705	724	734	738	734	724	705
G 85.0	516	521	509	473	431	427	460	482	472	432	472	482	460
G 90.0	387	322	278	244	217	194	173	151	132	118	132	151	173

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Source Flux	2428 lm	Maximum value	272.60 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	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354
G 5.0	8956	8956	8972	8990	9019	9061	9019	8990	8972	8956	8972	8972	8995
G 10.0	8513	8509	8532	8568	8621	8692	8621	8568	8532	8509	8513	8542	8582
G 15.0	8026	8022	8050	8100	8178	8289	8178	8100	8050	8022	8026	8069	8132
G 20.0	7488	7478	7515	7587	7695	7838	7695	7587	7515	7478	7488	7544	7629
G 25.0	6926	6918	6952	7023	7134	7286	7134	7023	6952	6918	6926	6984	7079
G 30.0	6353	6339	6352	6382	6490	6690	6490	6382	6352	6339	6353	6402	6481
G 35.0	5740	5722	5746	5797	5900	6066	5900	5797	5746	5722	5740	5794	5863
G 40.0	5119	5101	5121	5186	5301	5468	5301	5186	5121	5101	5119	5170	5252
G 45.0	4491	4476	4513	4582	4706	4899	4706	4582	4513	4476	4491	4557	4653
G 50.0	3475	3441	3617	3722	3787	3878	3787	3722	3617	3441	3475	3698	3801
G 55.0	2105	2144	2469	2930	3135	3003	3135	2930	2469	2144	2105	2403	2950
G 60.0	1683	1653	1618	2003	2262	2390	2262	2003	1618	1653	1683	1708	2087
G 65.0	1355	1320	1225	1515	1750	1889	1750	1515	1320	1355	1355	1292	1523
G 70.0	975	970	1118	1256	1293	1234	1293	1256	1118	970	975	1118	1223
G 75.0	824	815	807	918	1021	1058	1021	918	807	815	824	832	925
G 80.0	690	690	705	731	751	766	751	731	705	690	690	705	724
G 85.0	427	431	473	509	521	516	521	509	473	431	427	460	482
G 90.0	194	217	244	278	322	387	322	278	244	217	194	173	151

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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	9354	9354	9354	9354	9354	9354	9354	9354	9354	9354
G 5.0	9025	9061	9025	8995	8972	8956	8956	8972	8990	9019
G 10.0	8639	8715	8639	8582	8542	8513	8509	8532	8568	8621
G 15.0	8213	8312	8213	8132	8069	8026	8022	8050	8100	8178
G 20.0	7739	7874	7739	7629	7544	7488	7478	7515	7587	7695
G 25.0	7202	7355	7202	7079	6984	6926	6918	6952	7023	7134
G 30.0	6602	6771	6602	6481	6402	6353	6339	6352	6382	6490
G 35.0	5980	6151	5980	5863	5794	5740	5722	5746	5797	5900
G 40.0	5376	5549	5376	5252	5170	5119	5101	5121	5186	5301
G 45.0	4781	4950	4781	4653	4557	4491	4476	4513	4582	4706
G 50.0	3861	3971	3861	3801	3698	3475	3441	3617	3722	3787
G 55.0	3232	3110	3232	2950	2403	2105	2144	2469	2930	3135
G 60.0	2390	2425	2390	2087	1708	1683	1653	1618	2003	2262
G 65.0	1736	1759	1736	1523	1292	1355	1320	1225	1515	1750
G 70.0	1269	1288	1269	1223	1118	975	970	1118	1256	1293
G 75.0	1024	1088	1024	925	832	824	815	807	918	1021
G 80.0	734	738	734	724	705	690	690	705	731	751
G 85.0	472	432	472	482	460	427	431	473	509	521
G 90.0	132	118	132	151	173	194	217	244	278	322