

Luminaire

Code 90591L600
Name ROFY 60 /T D/I D0600 GCONTROL+ 830 HO

Measurem.

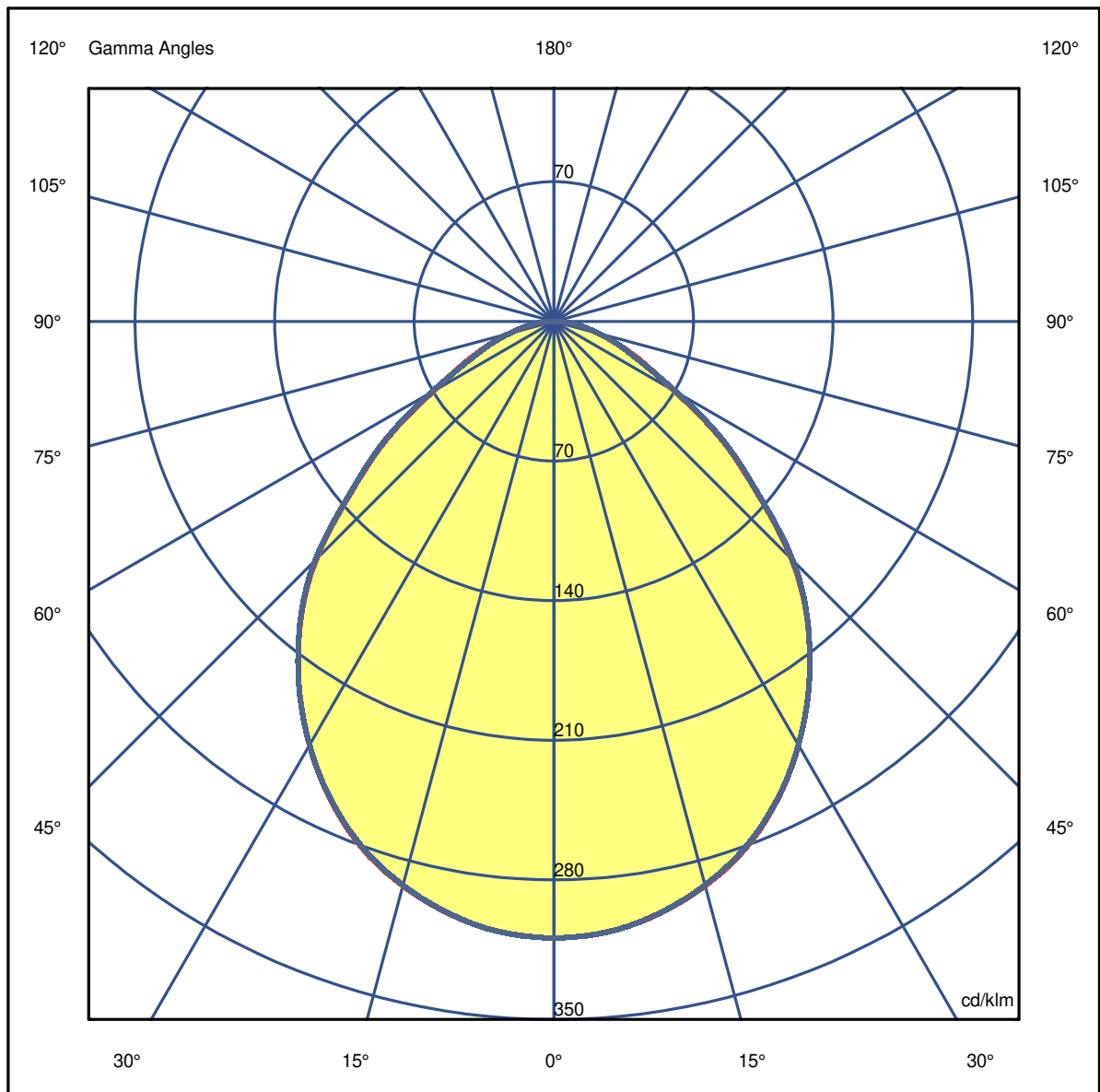
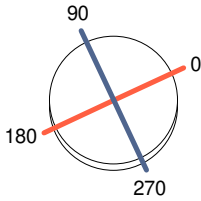
Code 26/7/2023
Name ROFY 60 /T D/I D0600 GCONTROL+ 830 HO

Luminaire Flux	6574 lm	Luminaire Power	56.3 W	Efficacy	116.787 lm/W	Efficiency	66.03%
Source Flux	9956 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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Measur.

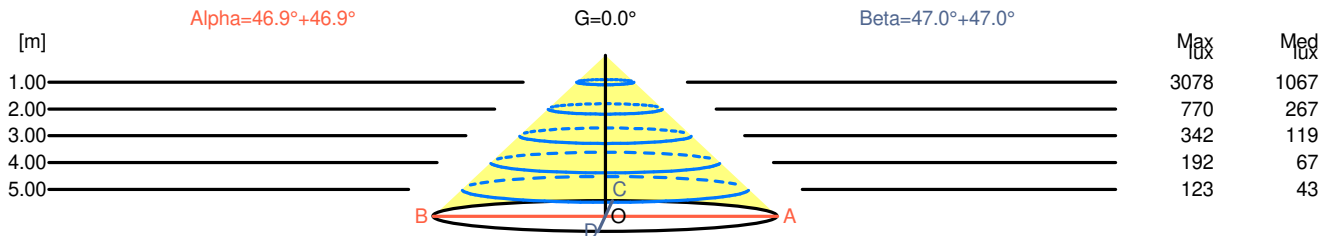
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Width at 50.00 % of Max Intensity

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	3078.40	3058.48	2916.11	2637.34	2219.19	1678.58	1015.51	496.80	231.97	73.67
OB	3078.40	3058.48	2916.11	2637.34	2219.19	1678.58	1015.51	496.80	231.97	73.67
OC	3078.40	3059.48	2913.13	2634.36	2219.19	1686.55	1026.46	483.86	231.97	74.67
OD	3078.40	3059.48	2913.13	2634.36	2219.19	1686.55	1026.46	483.86	231.97	74.67



H[m]	D[m]	Max lux	Med lux	Alpha=46.9°+46.9°	G=0.0
1.00	2.14	3078	1067		
2.00	4.28	770	267		
3.00	6.42	342	119		
4.00	8.56	192	67		
5.00	10.70	123	43		

H[m]	D[m]	Max lux	Med lux	Beta=47.0°+47.0°	G=0.0
1.00	2.15	3078	1067		
2.00	4.30	770	267		
3.00	6.44	342	119		
4.00	8.59	192	67		
5.00	10.74	123	43		

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Source Flux	9956 lm	Maximum value	309.20 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	16.1	17.3	16.4	17.5	17.7	16.2	17.3	16.4	17.5	17.7
x=2H y=3H	16.7	17.7	17.0	18.0	18.2	16.7	17.7	17.0	18.0	18.2
x=2H y=4H	16.9	17.8	17.2	18.1	18.4	16.9	17.9	17.2	18.1	18.4
x=2H y=6H	17.0	17.9	17.3	18.2	18.5	17.0	17.9	17.4	18.2	18.5
x=2H y=8H	17.0	17.9	17.4	18.2	18.5	17.1	17.9	17.4	18.2	18.5
x=2H y=12H	17.0	17.9	17.4	18.2	18.5	17.1	17.9	17.4	18.2	18.6
x=4H y=2H	16.3	17.3	16.7	17.6	17.9	16.4	17.3	16.7	17.6	17.9
x=4H y=3H	17.0	17.8	17.4	18.1	18.5	17.0	17.8	17.4	18.2	18.5
x=4H y=4H	17.3	18.0	17.7	18.3	18.7	17.3	18.0	17.7	18.4	18.7
x=4H y=6H	17.5	18.1	17.9	18.5	18.9	17.6	18.2	18.0	18.5	18.9
x=4H y=8H	17.6	18.2	18.0	18.6	19.0	17.6	18.2	18.1	18.6	19.0
x=4H y=12H	17.6	18.1	18.1	18.6	19.0	17.7	18.2	18.1	18.6	19.0
x=8H y=4H	17.4	17.9	17.8	18.3	18.7	17.4	18.0	17.8	18.4	18.8
x=8H y=6H	17.7	18.2	18.1	18.6	19.0	17.7	18.2	18.2	18.6	19.1
x=8H y=8H	17.8	18.2	18.3	18.7	19.1	17.9	18.3	18.3	18.7	19.2
x=8H y=12H	17.9	18.2	18.4	18.7	19.2	17.9	18.3	18.4	18.7	19.2
x=12H y=4H	17.4	17.9	17.8	18.3	18.7	17.4	17.9	17.8	18.3	18.8
x=12H y=6H	17.7	18.1	18.2	18.6	19.0	17.8	18.2	18.2	18.6	19.1
x=12H y=8H	17.8	18.2	18.3	18.7	19.2	17.9	18.2	18.4	18.7	19.2

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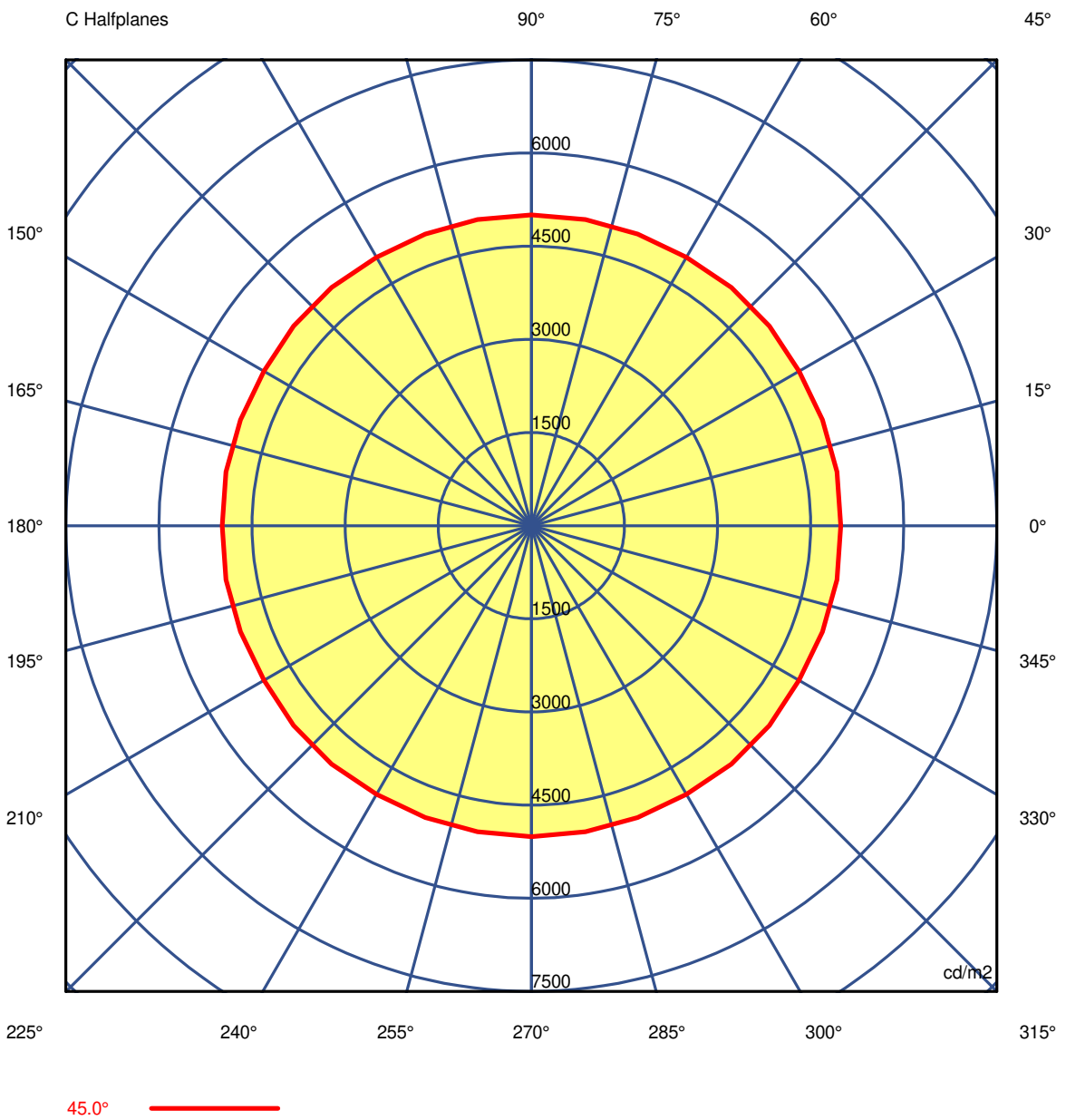
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Luminaire Flux	6574 lm	Luminaire Power	56.3 W	Efficacy	116.787 lm/W	Efficiency	66.03%
Source Flux	9956 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



Luminaire

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Measurement

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Luminaire Flux	6574 lm	Luminaire Power	56.3 W	Efficacy	116.787 lm/W	Efficiency	66.03%
Source Flux	9956 lm	Maximum value	309.20 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	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999
G 5.0	7815	7815	7815	7815	7815	7815	7817	7816	7815	7817	7815	7816	7817
G 10.0	7603	7603	7603	7601	7601	7601	7601	7601	7601	7601	7601	7601	7601
G 15.0	7374	7373	7369	7364	7362	7361	7361	7363	7365	7366	7365	7363	7361
G 20.0	7121	7117	7109	7098	7090	7088	7093	7100	7106	7109	7106	7100	7093
G 25.0	6805	6804	6801	6795	6787	6784	6787	6795	6798	6798	6798	6795	6787
G 30.0	6439	6444	6449	6452	6454	6454	6452	6451	6447	6439	6447	6451	6452
G 35.0	6033	6043	6049	6055	6067	6071	6063	6054	6044	6033	6044	6054	6063
G 40.0	5573	5578	5584	5592	5599	5600	5595	5589	5584	5578	5584	5589	5595
G 45.0	4981	4999	4991	4978	5002	5008	4990	4998	5005	5005	5005	4998	4990
G 50.0	4153	4101	4004	3934	3998	4003	3946	4022	4119	4169	4119	4022	3946
G 55.0	3432	3121	2982	2951	2833	2834	2958	3002	3152	3469	3152	3002	2958
G 60.0	2560	2285	2247	2289	2072	2072	2300	2284	2336	2604	2336	2284	2300
G 65.0	2022	1784	1775	1839	1647	1640	1823	1758	1756	1969	1756	1758	1823
G 70.0	1595	1431	1350	1367	1416	1402	1349	1370	1457	1573	1457	1370	1349
G 75.0	1233	1128	1113	1143	1097	1088	1132	1134	1158	1233	1158	1134	1132
G 80.0	906	874	872	906	951	962	931	895	890	919	890	895	931
G 85.0	590	544	538	574	614	616	582	553	559	598	559	553	582
G 90.0	119	119	119	119	119	119	119	119	119	119	119	119	119

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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	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999
G 5.0	7816	7815	7815	7815	7815	7815	7815	7815	7815	7815	7816	7817	7816
G 10.0	7601	7601	7601	7603	7603	7603	7603	7603	7601	7601	7601	7601	7601
G 15.0	7361	7362	7364	7369	7373	7374	7373	7369	7364	7362	7361	7361	7363
G 20.0	7088	7090	7098	7109	7117	7121	7117	7109	7098	7090	7088	7093	7100
G 25.0	6784	6787	6795	6801	6804	6805	6804	6801	6795	6787	6784	6787	6795
G 30.0	6454	6454	6452	6449	6444	6439	6444	6449	6452	6454	6454	6452	6451
G 35.0	6071	6067	6055	6049	6043	6033	6043	6049	6055	6067	6071	6063	6054
G 40.0	5600	5599	5592	5584	5578	5573	5578	5584	5592	5599	5600	5595	5589
G 45.0	5008	5002	4978	4991	4999	4981	4999	4991	4978	5002	5008	4990	4988
G 50.0	4003	3998	3934	4004	4101	4153	4101	4004	3934	3998	4003	3946	4022
G 55.0	2834	2833	2951	2982	3121	3432	3121	2982	2951	2833	2834	2958	3002
G 60.0	2072	2072	2289	2247	2285	2560	2285	2247	2289	2072	2072	2300	2284
G 65.0	1640	1647	1839	1775	1784	2022	1784	1775	1839	1647	1640	1823	1758
G 70.0	1402	1416	1367	1350	1431	1595	1431	1350	1367	1416	1402	1349	1370
G 75.0	1088	1097	1143	1113	1128	1233	1128	1113	1097	1088	1088	1132	1134
G 80.0	962	951	906	872	874	906	874	906	951	962	962	931	895
G 85.0	616	614	574	538	544	590	544	538	614	616	616	582	553
G 90.0	119	119	119	119	119	119	119	119	119	119	119	119	119

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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	7999	7999	7999	7999	7999	7999	7999	7999	7999	7999
G 5.0	7815	7817	7815	7816	7817	7816	7815	7815	7815	7815
G 10.0	7601	7601	7601	7601	7601	7601	7601	7601	7603	7603
G 15.0	7365	7366	7365	7363	7361	7361	7362	7364	7369	7373
G 20.0	7106	7109	7106	7100	7093	7088	7090	7098	7109	7117
G 25.0	6798	6798	6798	6795	6787	6784	6787	6795	6801	6804
G 30.0	6447	6439	6447	6451	6452	6454	6454	6452	6449	6444
G 35.0	6044	6033	6044	6054	6063	6071	6067	6055	6049	6043
G 40.0	5584	5578	5584	5589	5595	5600	5599	5592	5584	5578
G 45.0	5005	5005	5005	4998	4990	5008	5002	4978	4991	4999
G 50.0	4119	4169	4119	4022	3946	4003	3998	3934	4004	4101
G 55.0	3152	3469	3152	3002	2958	2834	2833	2951	2982	3121
G 60.0	2336	2604	2336	2284	2300	2072	2072	2289	2247	2285
G 65.0	1756	1969	1756	1758	1823	1640	1647	1839	1775	1784
G 70.0	1457	1573	1457	1370	1349	1402	1416	1367	1350	1431
G 75.0	1158	1233	1158	1134	1132	1088	1097	1143	1113	1128
G 80.0	890	919	890	895	931	962	951	906	872	874
G 85.0	559	598	559	553	582	616	614	574	538	544
G 90.0	119	119	119	119	119	119	119	119	119	119