

Luminaire

Code 90584L400

Name ROFY 60 D0400 GCONTROL+ 840 LO

Measurem.

Code 4/8/2023

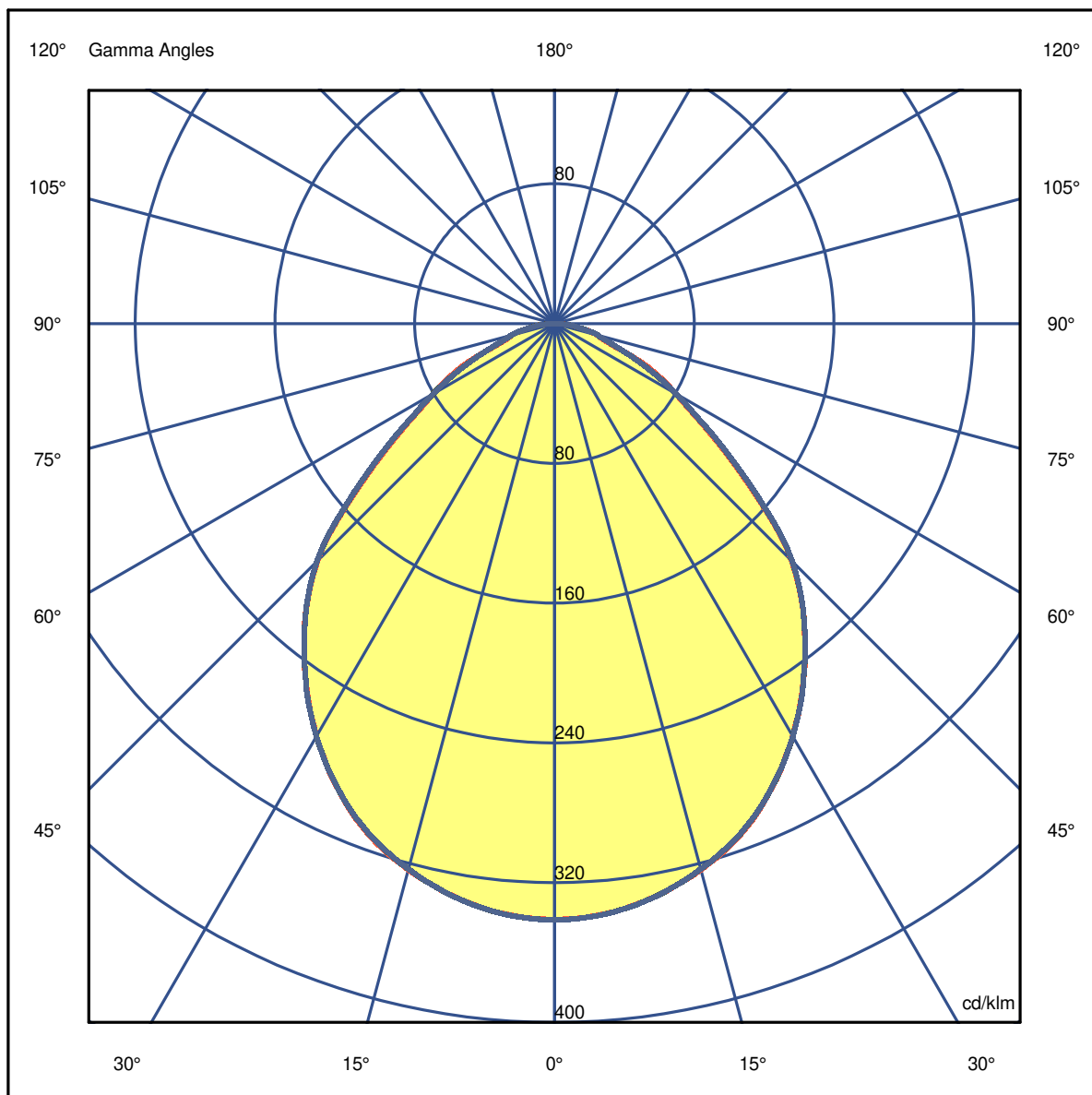
Name ROFY 60 D0400 GCONTROL+ 840 LO

Luminaire Flux	2188 lm	Luminaire Power	16.5 W	Efficacy	132.867 lm/W	Efficiency	74.18%
Source Flux	2950 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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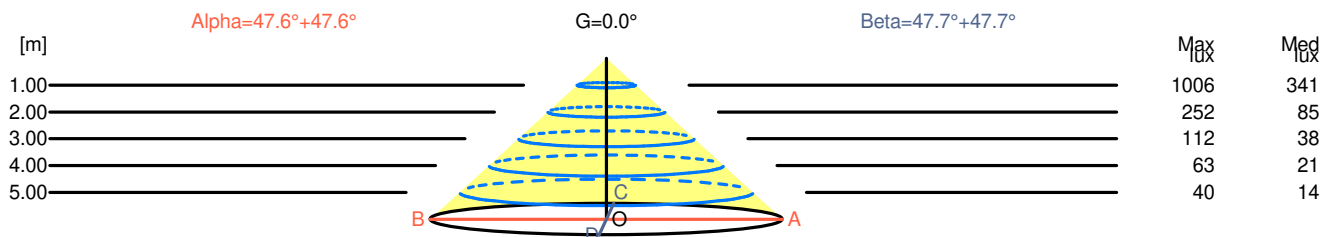
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Source Flux	2950 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.10	2.19	3.29	4.38	5.48	OC	1.10	2.20	3.30	4.40	5.50
OB	1.10	2.19	3.29	4.38	5.48	OD	1.10	2.20	3.30	4.40	5.50

	0	5	15	25	35	45	55	65	75	85
OA	1006.25	1000.05	954.62	866.41	733.08	566.40	318.89	174.05	75.52	21.24
OB	1006.25	1000.05	954.62	866.41	733.08	566.40	318.89	174.05	75.52	21.24
OC	1006.25	1000.35	953.44	866.12	733.08	567.29	324.50	166.09	76.11	21.54
OD	1006.25	1000.35	953.44	866.12	733.08	567.29	324.50	166.09	76.11	21.54



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0
1.00	2.19	1006	341		
2.00	4.38	252	85		
3.00	6.57	112	38		
4.00	8.76	63	21		
5.00	10.95	40	14		

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0
1.00	2.20	1006	341		
2.00	4.40	252	85		
3.00	6.60	112	38		
4.00	8.80	63	21		
5.00	10.99	40	14		

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Source Flux	2950 lm	Maximum value	341.10 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	16.6	17.8	16.9	18.0	18.2	16.6	17.8	16.9	18.0	18.2
x=2H y=3H	17.2	18.3	17.5	18.5	18.8	17.2	18.2	17.5	18.5	18.8
x=2H y=4H	17.4	18.4	17.7	18.6	18.9	17.4	18.3	17.7	18.6	18.9
x=2H y=6H	17.5	18.4	17.9	18.7	19.0	17.5	18.4	17.9	18.7	19.0
x=2H y=8H	17.5	18.4	17.9	18.7	19.0	17.5	18.4	17.9	18.7	19.0
x=2H y=12H	17.6	18.4	17.9	18.7	19.0	17.5	18.4	17.9	18.7	19.0
x=4H y=2H	16.8	17.7	17.1	18.0	18.3	16.8	17.8	17.1	18.0	18.3
x=4H y=3H	17.5	18.3	17.9	18.7	19.0	17.5	18.3	17.9	18.6	19.0
x=4H y=4H	17.8	18.5	18.2	18.9	19.2	17.8	18.5	18.2	18.8	19.2
x=4H y=6H	18.0	18.7	18.4	19.0	19.4	18.0	18.6	18.4	19.0	19.4
x=4H y=8H	18.1	18.7	18.5	19.0	19.4	18.1	18.6	18.5	19.0	19.4
x=4H y=12H	18.1	18.6	18.6	19.0	19.5	18.1	18.6	18.5	19.0	19.4
x=8H y=4H	17.8	18.4	18.3	18.8	19.2	17.8	18.4	18.3	18.8	19.2
x=8H y=6H	18.2	18.6	18.6	19.1	19.5	18.2	18.6	18.6	19.0	19.5
x=8H y=8H	18.3	18.7	18.8	19.1	19.6	18.3	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	17.8	18.4	18.3	18.8	19.2	17.8	18.3	18.3	18.7	19.2
x=12H y=6H	18.2	18.6	18.6	19.0	19.5	18.2	18.6	18.6	19.0	19.5
x=12H y=8H	18.3	18.7	18.8	19.1	19.6	18.3	18.7	18.8	19.1	19.6

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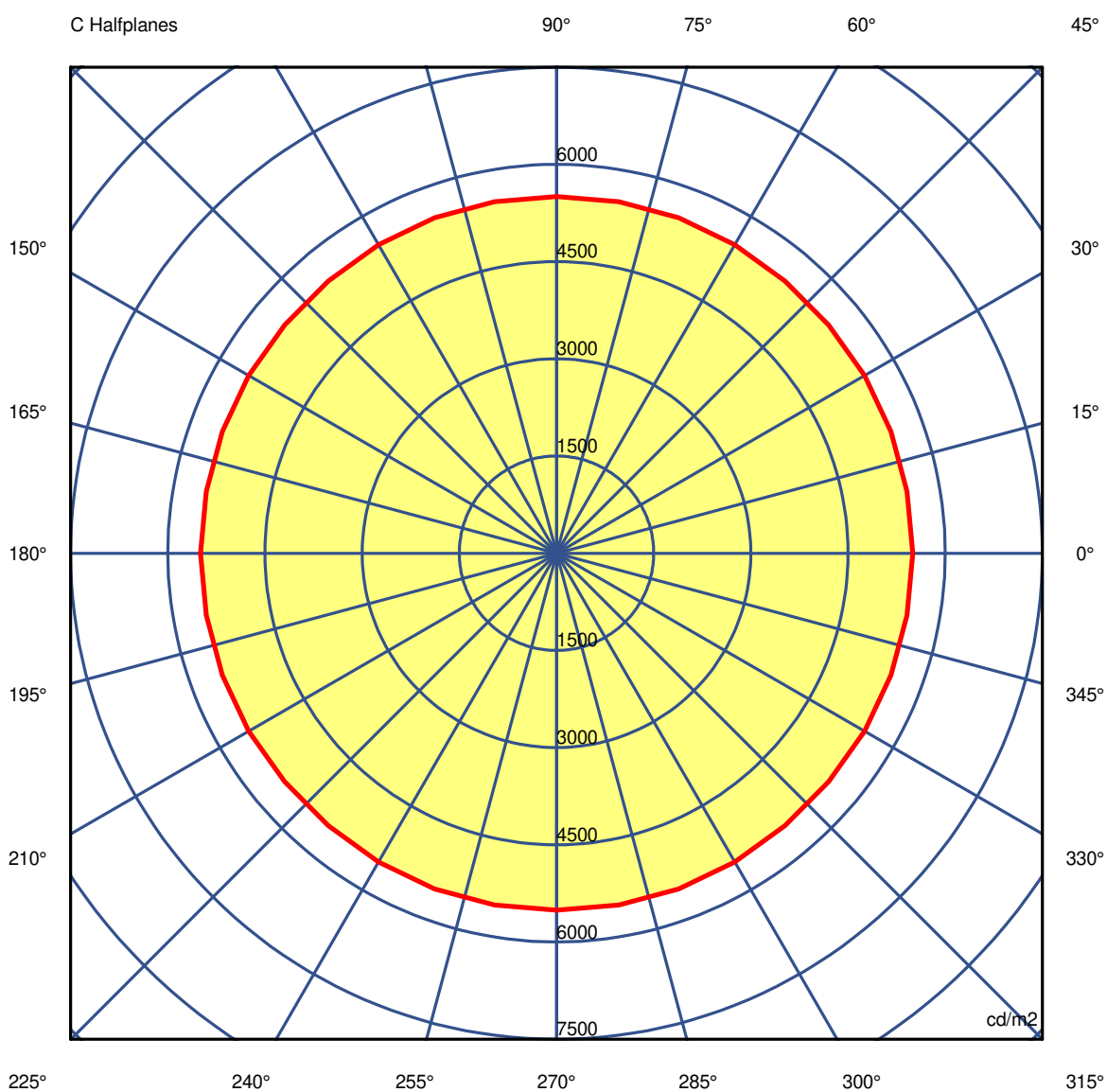
Measurem.

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Luminaire Flux	2188 lm	Luminaire Power	16.5 W	Efficacy	132.867 lm/W	Efficiency	74.18%
Source Flux	2950 lm	Maximum value	341.10 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measurement

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Luminaire Flux	2188 lm	Luminaire Power		16.5 W		Efficacy		132.867 lm/W		Efficiency		74.18%	
Source Flux	2950 lm	Maximum value		341.10 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	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873
G 5.0	8636	8634	8634	8634	8634	8634	8634	8631	8633	8639	8633	8631	8634
G 10.0	8370	8372	8371	8367	8367	8367	8367	8365	8366	8372	8366	8365	8367
G 15.0	8096	8094	8088	8081	8075	8074	8076	8078	8081	8086	8081	8078	8076
G 20.0	7803	7794	7779	7760	7750	7746	7750	7766	7782	7793	7782	7766	7750
G 25.0	7441	7436	7425	7413	7412	7410	7411	7416	7426	7439	7426	7416	7411
G 30.0	7034	7027	7028	7039	7053	7057	7044	7028	7025	7039	7025	7028	7044
G 35.0	6579	6582	6592	6613	6632	6638	6624	6596	6582	6579	6582	6596	6624
G 40.0	6092	6095	6102	6114	6125	6129	6123	6110	6098	6090	6098	6110	6123
G 45.0	5497	5492	5492	5492	5482	5484	5500	5510	5511	5506	5511	5510	5500
G 50.0	4462	4542	4586	4526	4341	4343	4535	4606	4577	4517	4577	4606	4535
G 55.0	3485	3742	3628	3191	2847	2821	3143	3623	3784	3546	3784	3623	3143
G 60.0	2794	2785	2575	2160	2216	2241	2237	2600	2782	2794	2782	2600	2237
G 65.0	2254	2196	1998	1712	1842	1869	1754	1968	2116	2151	2116	1968	1754
G 70.0	1459	1601	1638	1545	1402	1390	1510	1591	1588	1527	1588	1591	1510
G 75.0	1247	1287	1221	1121	1149	1150	1121	1213	1281	1257	1281	1213	1121
G 80.0	882	933	976	991	968	970	997	986	944	888	944	986	997
G 85.0	505	578	637	645	584	585	645	625	567	512	567	625	645
G 90.0	73	73	73	73	73	73	73	73	73	73	73	73	73

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Source Flux		2950 lm		Maximum value		341.10 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	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873
G 5.0	8634	8634	8634	8634	8634	8636	8634	8634	8634	8634	8634	8634	8634	8631	8631
G 10.0	8367	8367	8367	8371	8372	8370	8372	8371	8367	8367	8367	8367	8367	8365	8365
G 15.0	8074	8075	8081	8088	8094	8096	8094	8088	8081	8075	8074	8076	8078	8078	8078
G 20.0	7746	7750	7760	7779	7794	7803	7794	7779	7760	7750	7746	7750	7766	7766	7766
G 25.0	7410	7412	7413	7425	7436	7441	7436	7425	7413	7412	7410	7411	7416	7416	7416
G 30.0	7057	7053	7039	7028	7027	7034	7027	7028	7039	7053	7057	7044	7028	7028	7028
G 35.0	6638	6632	6613	6592	6582	6579	6582	6592	6613	6632	6638	6624	6596	6596	6596
G 40.0	6129	6125	6114	6102	6095	6092	6095	6102	6114	6125	6129	6123	6110	6110	6110
G 45.0	5484	5482	5492	5492	5492	5497	5492	5492	5492	5482	5484	5500	5510	5510	5510
G 50.0	4343	4341	4526	4586	4542	4462	4542	4586	4526	4341	4343	4535	4606	4606	4606
G 55.0	2821	2847	3191	3628	3742	3485	3742	3628	3191	2847	2821	3143	3623	3623	3623
G 60.0	2241	2216	2160	2575	2785	2794	2785	2575	2160	2216	2241	2237	2600	2600	2600
G 65.0	1869	1842	1712	1998	2196	2254	2196	1998	1712	1842	1869	1754	1968	1968	1968
G 70.0	1390	1402	1545	1638	1601	1459	1601	1638	1545	1402	1390	1510	1591	1591	1591
G 75.0	1150	1149	1121	1221	1287	1247	1287	1221	1121	1149	1150	1121	1213	1213	1213
G 80.0	970	968	991	976	933	882	933	976	991	968	970	997	986	986	986
G 85.0	585	584	645	637	578	505	578	637	645	584	585	645	625	625	625
G 90.0	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73

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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	8873	8873	8873	8873	8873	8873	8873	8873	8873	8873
G 5.0	8633	8639	8633	8631	8634	8634	8634	8634	8634	8634
G 10.0	8366	8372	8366	8365	8367	8367	8367	8367	8371	8372
G 15.0	8081	8086	8081	8078	8076	8074	8075	8081	8088	8094
G 20.0	7782	7793	7782	7766	7750	7746	7750	7760	7779	7794
G 25.0	7426	7439	7426	7416	7411	7410	7412	7413	7425	7436
G 30.0	7025	7039	7025	7028	7044	7057	7053	7039	7028	7027
G 35.0	6582	6579	6582	6596	6624	6638	6632	6613	6592	6582
G 40.0	6098	6090	6098	6110	6123	6129	6125	6114	6102	6095
G 45.0	5511	5506	5511	5510	5500	5484	5482	5492	5492	5492
G 50.0	4577	4517	4577	4606	4535	4343	4341	4526	4586	4542
G 55.0	3784	3546	3784	3623	3143	2821	2847	3191	3628	3742
G 60.0	2782	2794	2782	2600	2237	2241	2216	2160	2575	2785
G 65.0	2116	2151	2116	1968	1754	1869	1842	1712	1998	2196
G 70.0	1588	1527	1588	1591	1510	1390	1402	1545	1638	1601
G 75.0	1281	1257	1281	1213	1121	1150	1149	1121	1221	1287
G 80.0	944	888	944	986	997	970	968	991	976	933
G 85.0	567	512	567	625	645	585	584	645	637	578
G 90.0	73	73	73	73	73	73	73	73	73	73