

**Luminaire**

Code 90591L400

Name ROFY 60 /T D/I D0400 GCONTROL+ 830 HO

**Measurem.**

Code 26/7/2023

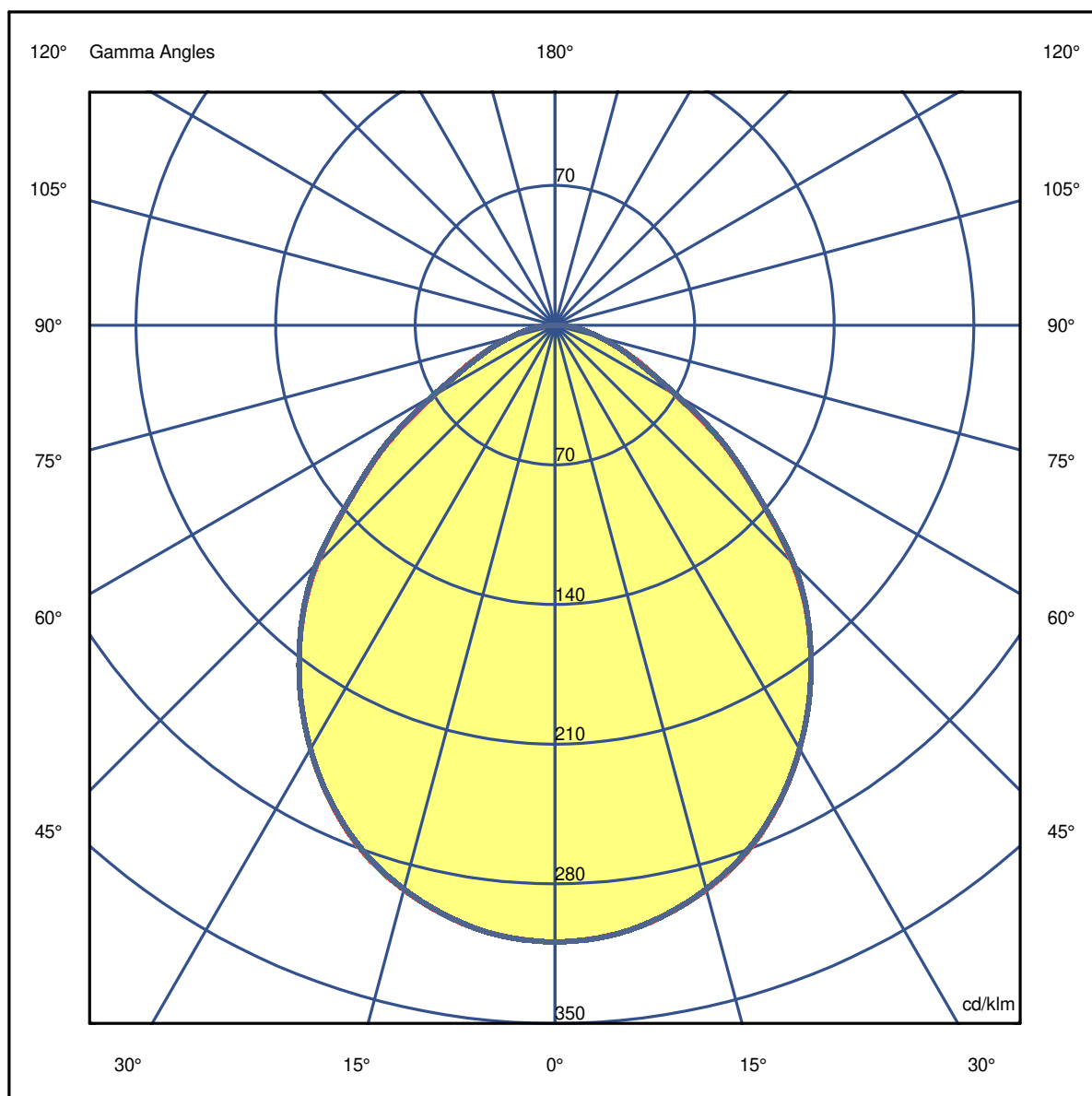
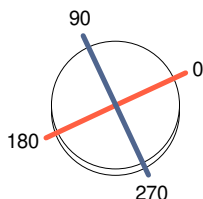
Name ROFY 60 /T D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3521 lm	Luminaire Power	31.7 W	Efficacy	110.945 lm/W	Efficiency	66.03%
Source Flux	5333 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=518mm

C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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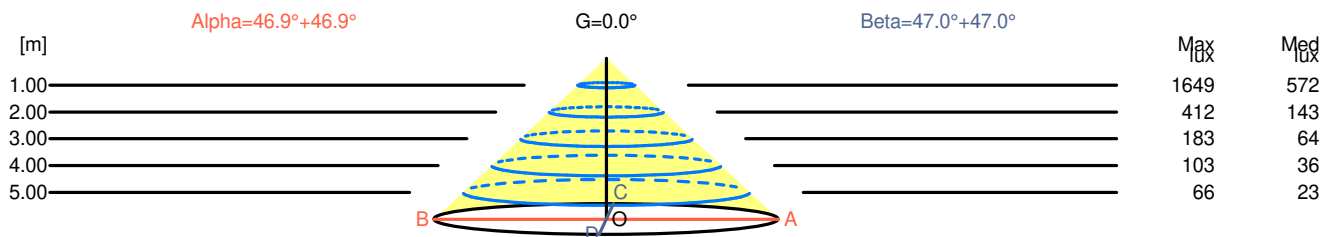
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Width at 50.00 % of Max Intensity

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

	0	5	15	25	35	45	55	65	75	85
OA	1648.96	1638.30	1562.04	1412.71	1188.73	899.14	543.97	266.12	124.26	39.46
OB	1648.96	1638.30	1562.04	1412.71	1188.73	899.14	543.97	266.12	124.26	39.46
OC	1648.96	1638.83	1560.44	1411.11	1188.73	903.41	549.83	259.18	124.26	40.00
OD	1648.96	1638.83	1560.44	1411.11	1188.73	903.41	549.83	259.18	124.26	40.00



H[m]	D[m]	Max lux	Med lux	Alpha=46.9°+46.9°	G=0.0
1.00	2.14	1649	572		
2.00	4.28	412	143		
3.00	6.42	183	64		
4.00	8.56	103	36		
5.00	10.70	66	23		

H[m]	D[m]	Max lux	Med lux	Beta=47.0°+47.0°	G=0.0
1.00	2.15	1649	572		
2.00	4.30	412	143		
3.00	6.44	183	64		
4.00	8.59	103	36		
5.00	10.74	66	23		

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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	16.0	17.1	16.3	17.3	17.6	16.0	17.2	16.3	17.4	17.6
x=2H y=3H	16.5	17.5	16.8	17.8	18.0	16.5	17.6	16.8	17.8	18.0
x=2H y=4H	16.7	17.6	17.0	17.9	18.2	16.7	17.7	17.0	17.9	18.2
x=2H y=6H	16.8	17.7	17.1	18.0	18.3	16.8	17.7	17.2	18.0	18.3
x=2H y=8H	16.8	17.7	17.2	18.0	18.3	16.8	17.7	17.2	18.0	18.3
x=2H y=12H	16.8	17.7	17.2	18.0	18.3	16.9	17.7	17.2	18.0	18.3
x=4H y=2H	16.2	17.1	16.5	17.4	17.7	16.2	17.2	16.5	17.4	17.7
x=4H y=3H	16.8	17.6	17.2	18.0	18.3	16.8	17.7	17.2	18.0	18.3
x=4H y=4H	17.1	17.8	17.5	18.1	18.5	17.1	17.8	17.5	18.2	18.5
x=4H y=6H	17.3	17.9	17.7	18.3	18.7	17.3	17.9	17.7	18.3	18.7
x=4H y=8H	17.3	17.9	17.8	18.3	18.7	17.4	18.0	17.8	18.4	18.8
x=4H y=12H	17.4	17.9	17.8	18.3	18.7	17.4	17.9	17.9	18.3	18.8
x=8H y=4H	17.2	17.7	17.6	18.1	18.5	17.2	17.8	17.6	18.2	18.5
x=8H y=6H	17.4	17.9	17.9	18.3	18.8	17.5	17.9	17.9	18.4	18.8
x=8H y=8H	17.6	18.0	18.0	18.4	18.9	17.6	18.0	18.1	18.4	18.9
x=8H y=12H	17.6	17.9	18.1	18.4	18.9	17.6	18.0	18.1	18.5	19.0
x=12H y=4H	17.2	17.7	17.6	18.1	18.5	17.2	17.7	17.6	18.1	18.5
x=12H y=6H	17.5	17.9	17.9	18.3	18.8	17.5	17.9	18.0	18.4	18.8
x=12H y=8H	17.6	17.9	18.1	18.4	18.9	17.6	18.0	18.1	18.4	18.9

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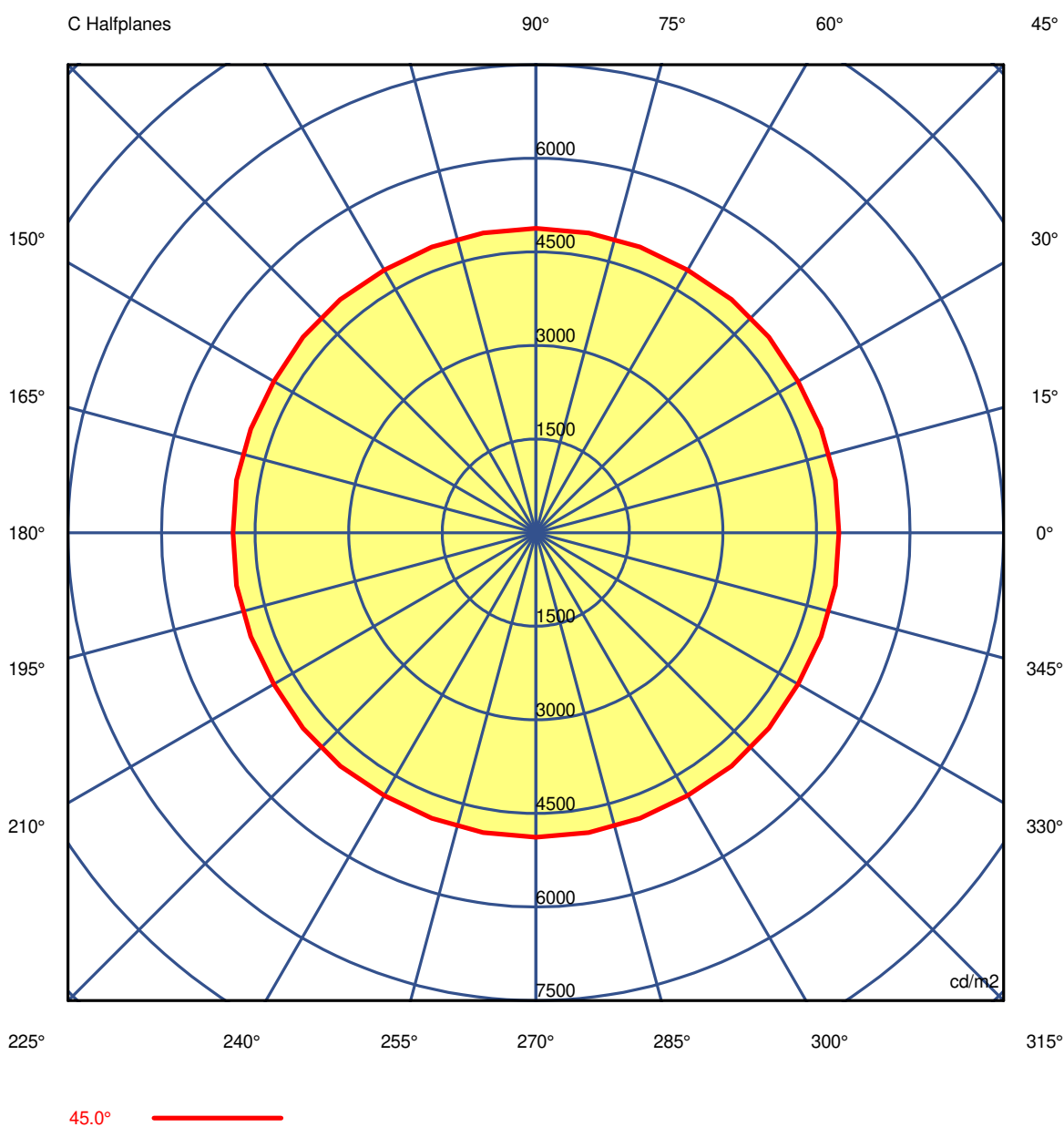
**Measurem.**

Code 26/7/2023

Name ROFY 60 /T D/I D0400 GCONTROL+ 830 HO

Luminaire Flux	3521 lm	Luminaire Power	31.7 W	Efficacy	110.945 lm/W	Efficiency	66.03%
Source Flux	5333 lm	Maximum value	309.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	3521 lm		Luminaire Power		31.7 W		Efficacy		110.945 lm/W		Efficiency		66.03%	
Source Flux	5333 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	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398	
G 5.0	8138	8138	8138	8138	8138	8139	8141	8139	8138	8141	8138	8139	8141	
G 10.0	7856	7856	7855	7853	7853	7853	7853	7853	7853	7853	7853	7853	7853	
G 15.0	7560	7559	7555	7550	7548	7547	7547	7549	7551	7553	7551	7549	7547	
G 20.0	7245	7241	7233	7222	7214	7212	7217	7224	7229	7232	7229	7224	7217	
G 25.0	6870	6869	6866	6860	6852	6848	6852	6859	6862	6862	6862	6859	6852	
G 30.0	6448	6454	6458	6461	6464	6463	6461	6460	6456	6448	6456	6460	6461	
G 35.0	5991	6001	6007	6013	6025	6029	6021	6012	6002	5991	6002	6012	6021	
G 40.0	5485	5490	5497	5504	5511	5512	5507	5502	5496	5490	5496	5502	5507	
G 45.0	4856	4873	4866	4853	4876	4882	4865	4872	4879	4879	4879	4872	4865	
G 50.0	4006	3956	3862	3794	3857	3861	3807	3879	3973	4021	3973	3879	3807	
G 55.0	3271	2974	2842	2813	2700	2701	2819	2861	3004	3307	3004	2861	2819	
G 60.0	2407	2148	2112	2152	1947	1948	2162	2147	2196	2448	2196	2147	2162	
G 65.0	1870	1650	1641	1701	1523	1516	1686	1625	1624	1821	1624	1625	1686	
G 70.0	1446	1297	1224	1239	1283	1271	1222	1242	1321	1425	1321	1242	1222	
G 75.0	1089	997	984	1010	969	961	1000	1002	1023	1089	1023	1002	1000	
G 80.0	773	746	745	773	812	821	795	764	760	784	760	764	795	
G 85.0	479	442	437	466	499	500	473	449	454	486	454	449	473	
G 90.0	90	90	90	90	90	90	90	90	90	90	90	90	90	

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Source Flux	5333 lm		Maximum value		309.20 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	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398	
G 5.0	8139	8138	8138	8138	8138	8138	8138	8138	8138	8138	8139	8141	8139	
G 10.0	7853	7853	7853	7855	7856	7856	7856	7855	7853	7853	7853	7853	7853	
G 15.0	7547	7548	7550	7555	7559	7560	7559	7555	7550	7548	7547	7547	7549	
G 20.0	7212	7214	7222	7233	7241	7245	7241	7233	7222	7214	7212	7217	7224	
G 25.0	6848	6852	6860	6866	6869	6870	6869	6866	6860	6852	6848	6852	6859	
G 30.0	6463	6464	6461	6458	6454	6448	6454	6458	6461	6464	6463	6461	6460	
G 35.0	6029	6025	6013	6007	6001	5991	6001	6007	6013	6025	6029	6021	6012	
G 40.0	5512	5511	5504	5497	5490	5485	5490	5497	5504	5511	5512	5507	5502	
G 45.0	4882	4876	4853	4866	4873	4856	4873	4866	4853	4876	4882	4865	4872	
G 50.0	3861	3857	3794	3862	3956	4006	3956	3862	3794	3857	3861	3807	3879	
G 55.0	2701	2700	2813	2842	2974	3271	2974	2842	2813	2700	2701	2819	2861	
G 60.0	1948	1947	2152	2112	2148	2407	2148	2112	2152	1947	1948	2162	2147	
G 65.0	1516	1523	1701	1641	1650	1870	1650	1641	1701	1523	1516	1686	1625	
G 70.0	1271	1283	1239	1224	1297	1446	1297	1224	1239	1283	1271	1222	1242	
G 75.0	961	969	1010	984	997	1089	997	984	1010	969	961	1000	1002	
G 80.0	821	812	773	745	746	773	746	745	773	812	821	795	764	
G 85.0	500	499	466	437	442	479	442	437	466	499	500	473	449	
G 90.0	90	90	90	90	90	90	90	90	90	90	90	90	90	

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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	8398	8398	8398	8398	8398	8398	8398	8398	8398	8398
G 5.0	8138	8141	8138	8139	8141	8139	8138	8138	8138	8138
G 10.0	7853	7853	7853	7853	7853	7853	7853	7853	7855	7856
G 15.0	7551	7553	7551	7549	7547	7547	7548	7550	7555	7559
G 20.0	7229	7232	7229	7224	7217	7212	7214	7222	7233	7241
G 25.0	6862	6862	6862	6859	6852	6848	6852	6860	6866	6869
G 30.0	6456	6448	6456	6460	6461	6463	6464	6461	6458	6454
G 35.0	6002	5991	6002	6012	6021	6029	6025	6013	6007	6001
G 40.0	5496	5490	5496	5502	5507	5512	5511	5504	5497	5490
G 45.0	4879	4879	4879	4872	4865	4882	4876	4853	4866	4873
G 50.0	3973	4021	3973	3879	3807	3861	3857	3794	3862	3956
G 55.0	3004	3307	3004	2861	2819	2701	2700	2813	2842	2974
G 60.0	2196	2448	2196	2147	2162	1948	1947	2152	2112	2148
G 65.0	1624	1821	1624	1625	1686	1516	1523	1701	1641	1650
G 70.0	1321	1425	1321	1242	1222	1271	1283	1239	1224	1297
G 75.0	1023	1089	1023	1002	1000	961	969	1010	984	997
G 80.0	760	784	760	764	795	821	812	773	745	746
G 85.0	454	486	454	449	473	500	499	466	437	442
G 90.0	90	90	90	90	90	90	90	90	90	90