

Luminaire

Code 90583L400

Name ROFY 60 D0400 GCONTROL+ 830 HO

Measurem.

Code 4/8/2023

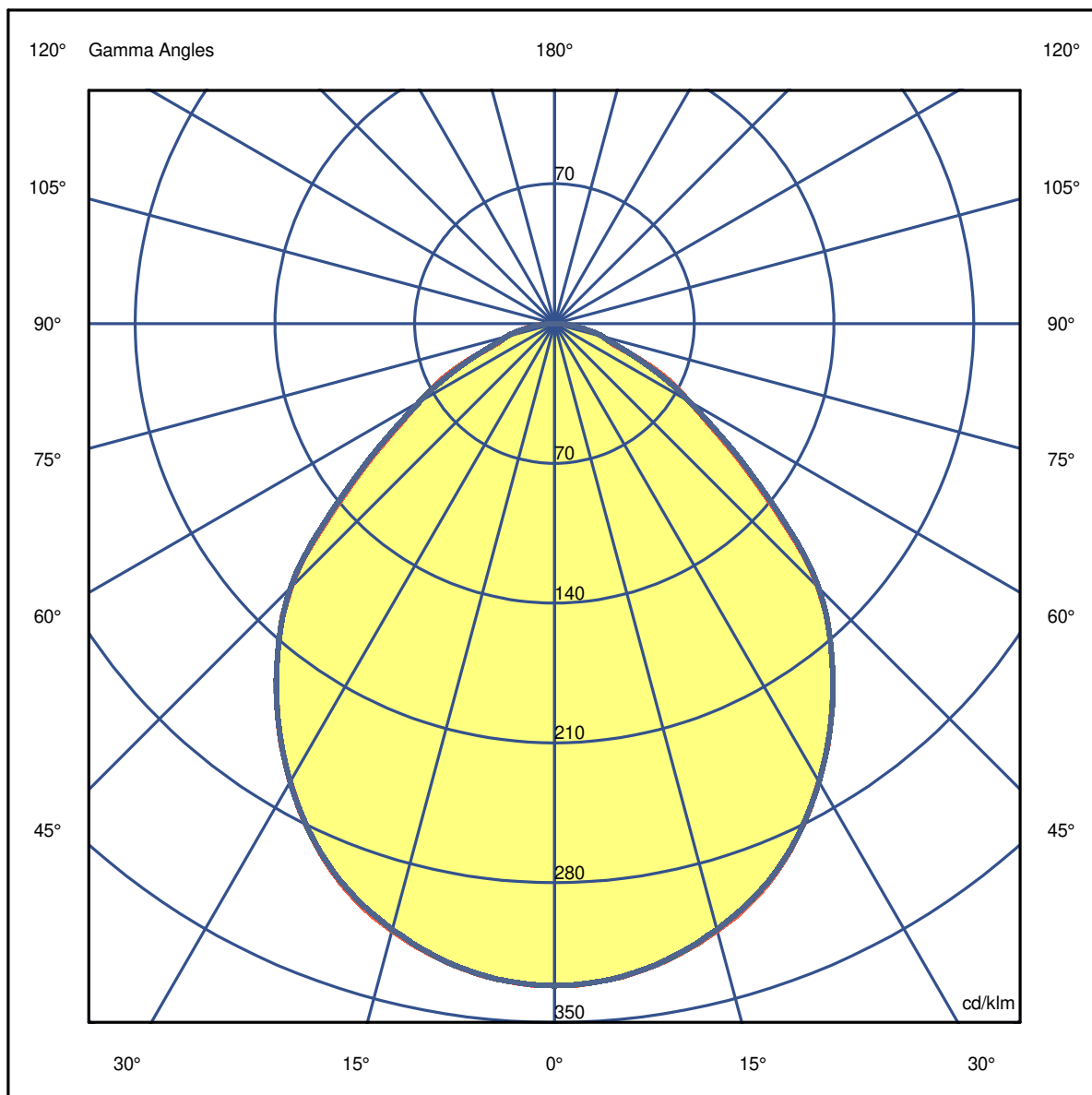
Name ROFY 60 D0400 GCONTROL+ 830 HO

Luminaire Flux	2953 lm	Luminaire Power	23.9 W	Efficacy	123.797 lm/W	Efficiency	72.14%
Source Flux	4093 lm	Maximum value	331.60 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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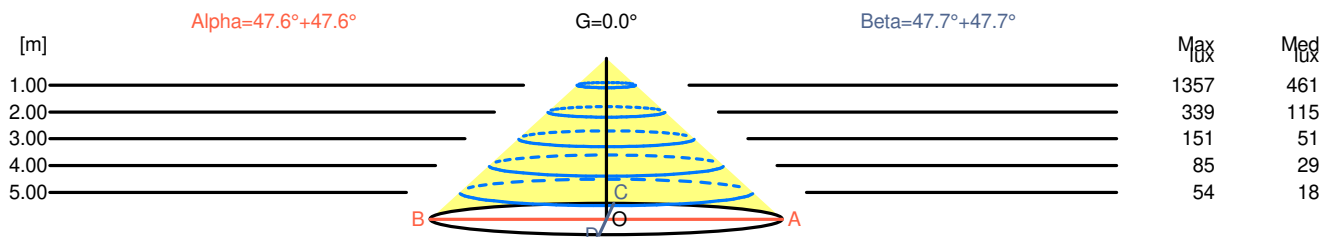
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Width at 50.00 % of Max Intensity

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	1.09	2.19	3.28	4.38	5.47	OC	1.10	2.20	3.30	4.40	5.50
OB	1.09	2.19	3.28	4.38	5.47	OD	1.10	2.20	3.30	4.40	5.50

	0	5	15	25	35	45	55	65	75	85
OA	1357.24	1349.05	1287.66	1168.96	988.46	764.16	430.17	234.94	101.51	29.06
OB	1357.24	1349.05	1287.66	1168.96	988.46	764.16	430.17	234.94	101.51	29.06
OC	1357.24	1348.64	1286.02	1168.14	988.87	766.21	437.13	223.89	102.33	28.24
OD	1357.24	1348.64	1286.02	1168.14	988.87	766.21	437.13	223.89	102.33	28.24



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	1357	461			
2.00	4.38	339	115			
3.00	6.57	151	51			
4.00	8.76	85	29			
5.00	10.95	54	18			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	1357	461			
2.00	4.40	339	115			
3.00	6.60	151	51			
4.00	8.79	85	29			
5.00	10.99	54	18			

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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	17.7	18.8	17.9	19.1	19.3	17.7	18.9	18.0	19.1	19.3
x=2H y=3H	18.3	19.3	18.6	19.6	19.8	18.2	19.3	18.5	19.5	19.8
x=2H y=4H	18.4	19.4	18.8	19.7	20.0	18.4	19.4	18.7	19.7	19.9
x=2H y=6H	18.6	19.5	18.9	19.8	20.1	18.6	19.5	18.9	19.8	20.1
x=2H y=8H	18.6	19.4	19.0	19.8	20.1	18.6	19.4	18.9	19.8	20.1
x=2H y=12H	18.6	19.4	19.0	19.7	20.1	18.6	19.4	18.9	19.7	20.0
x=4H y=2H	17.8	18.8	18.1	19.1	19.3	17.8	18.8	18.2	19.1	19.4
x=4H y=3H	18.6	19.4	18.9	19.7	20.0	18.5	19.4	18.9	19.7	20.0
x=4H y=4H	18.8	19.6	19.2	19.9	20.3	18.8	19.5	19.2	19.9	20.2
x=4H y=6H	19.1	19.7	19.5	20.1	20.5	19.1	19.7	19.5	20.1	20.4
x=4H y=8H	19.1	19.7	19.6	20.1	20.5	19.1	19.7	19.5	20.1	20.5
x=4H y=12H	19.1	19.7	19.6	20.1	20.5	19.1	19.6	19.6	20.1	20.5
x=8H y=4H	18.9	19.5	19.3	19.9	20.3	18.9	19.5	19.3	19.8	20.2
x=8H y=6H	19.2	19.7	19.7	20.1	20.6	19.2	19.7	19.7	20.1	20.5
x=8H y=8H	19.3	19.7	19.8	20.2	20.7	19.3	19.7	19.8	20.2	20.7
x=8H y=12H	19.4	19.8	19.9	20.2	20.7	19.4	19.8	19.9	20.2	20.7
x=12H y=4H	18.9	19.4	19.3	19.8	20.2	18.9	19.4	19.3	19.8	20.2
x=12H y=6H	19.2	19.6	19.7	20.1	20.6	19.2	19.6	19.7	20.1	20.6
x=12H y=8H	19.4	19.7	19.9	20.2	20.7	19.4	19.7	19.8	20.2	20.7

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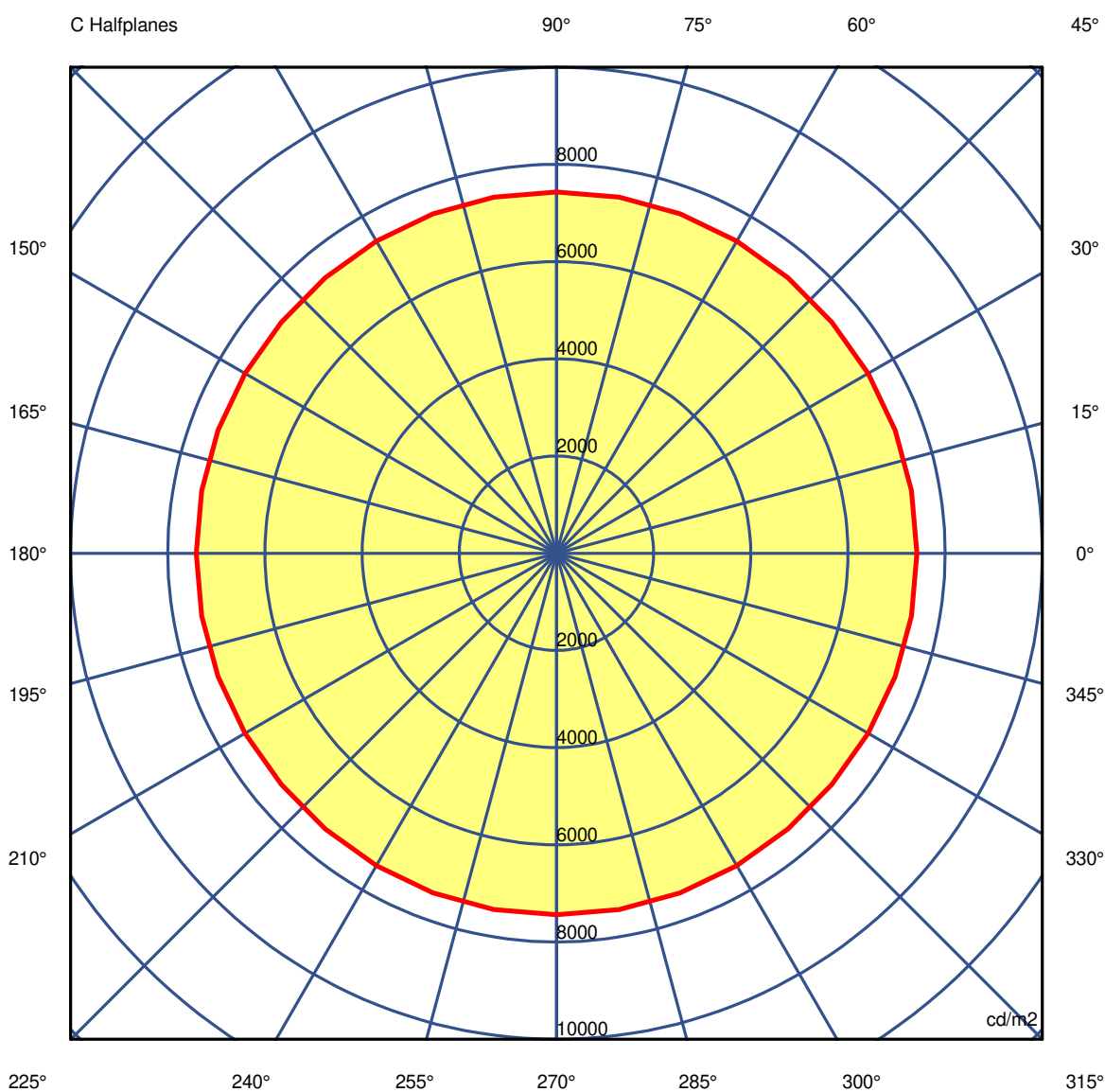
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Luminaire Flux	2953 lm	Luminaire Power	23.9 W	Efficacy	123.797 lm/W	Efficiency	72.14%
Source Flux	4093 lm	Maximum value	331.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	4093 lm		Maximum value		331.60 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	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967	
G 5.0	11650	11644	11645	11650	11651	11649	11647	11644	11644	11647	11644	11644	11647	
G 10.0	11295	11295	11293	11288	11288	11286	11281	11283	11286	11288	11286	11283	11281	
G 15.0	10921	10917	10910	10900	10895	10892	10893	10897	10903	10907	10903	10897	10893	
G 20.0	10534	10516	10495	10474	10459	10451	10457	10478	10495	10502	10495	10478	10457	
G 25.0	10039	10027	10018	10011	10002	9995	9997	10011	10024	10032	10024	10011	9997	
G 30.0	9484	9477	9479	9495	9518	9521	9502	9485	9480	9480	9480	9485	9502	
G 35.0	8871	8876	8890	8922	8946	8952	8933	8897	8879	8875	8879	8897	8933	
G 40.0	8210	8216	8228	8248	8269	8272	8255	8240	8223	8202	8223	8240	8255	
G 45.0	7417	7417	7413	7405	7400	7405	7421	7436	7441	7437	7441	7436	7421	
G 50.0	6011	6134	6202	6116	5851	5846	6107	6209	6172	6091	6172	6209	6107	
G 55.0	4701	5051	4892	4298	3847	3808	4227	4884	5107	4777	5107	4884	4227	
G 60.0	3761	3751	3473	2919	2994	3029	3026	3508	3749	3765	3749	3508	3026	
G 65.0	3043	2965	2699	2311	2479	2520	2375	2660	2854	2900	2854	2660	2375	
G 70.0	1977	2160	2208	2084	1891	1874	2036	2147	2146	2066	2146	2147	2036	
G 75.0	1676	1736	1650	1514	1548	1550	1514	1634	1721	1690	1721	1634	1514	
G 80.0	1184	1249	1308	1335	1311	1312	1343	1328	1272	1200	1272	1328	1343	
G 85.0	691	784	864	876	784	781	866	847	764	671	764	847	866	
G 90.0	101	101	101	101	101	101	101	101	101	101	101	101	101	

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Source Flux	4093 lm		Maximum value		331.60 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	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967	
G 5.0	11649	11651	11650	11645	11644	11650	11644	11645	11650	11651	11649	11647	11644	
G 10.0	11286	11288	11288	11293	11295	11295	11295	11293	11288	11288	11286	11281	11283	
G 15.0	10892	10895	10900	10910	10917	10921	10917	10910	10900	10895	10892	10893	10897	
G 20.0	10451	10459	10474	10495	10516	10534	10516	10495	10474	10459	10451	10457	10478	
G 25.0	9995	10002	10011	10018	10027	10039	10027	10018	10011	10002	9995	9997	10011	
G 30.0	9521	9518	9495	9479	9477	9484	9477	9479	9495	9518	9521	9502	9485	
G 35.0	8952	8946	8922	8890	8876	8871	8876	8890	8922	8946	8952	8933	8897	
G 40.0	8272	8269	8248	8228	8216	8210	8216	8228	8248	8269	8272	8255	8240	
G 45.0	7405	7400	7405	7413	7417	7417	7417	7413	7405	7400	7405	7421	7436	
G 50.0	5846	5851	6116	6202	6134	6011	6134	6202	6116	5851	5846	6107	6209	
G 55.0	3808	3847	4298	4892	5051	4701	5051	4892	4298	3847	3808	4227	4884	
G 60.0	3029	2994	2919	3473	3751	3761	3751	3473	2919	2994	3029	3026	3508	
G 65.0	2520	2479	2311	2699	2965	3043	2965	2699	2311	2479	2520	2375	2660	
G 70.0	1874	1891	2084	2208	2160	1977	2160	2208	2084	1891	1874	2036	2147	
G 75.0	1550	1548	1514	1650	1736	1676	1736	1650	1514	1548	1550	1514	1634	
G 80.0	1312	1311	1335	1308	1249	1184	1249	1308	1335	1311	1312	1343	1328	
G 85.0	781	784	876	864	784	691	784	864	876	784	781	866	847	
G 90.0	101	101	101	101	101	101	101	101	101	101	101	101	101	

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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	11967	11967	11967	11967	11967	11967	11967	11967	11967	11967
G 5.0	11644	11647	11644	11644	11647	11649	11651	11650	11645	11644
G 10.0	11286	11288	11286	11283	11281	11286	11288	11288	11293	11295
G 15.0	10903	10907	10903	10897	10893	10892	10895	10900	10910	10917
G 20.0	10495	10502	10495	10478	10457	10451	10459	10474	10495	10516
G 25.0	10024	10032	10024	10011	9997	9995	10002	10011	10018	10027
G 30.0	9480	9480	9480	9485	9502	9521	9518	9495	9479	9477
G 35.0	8879	8875	8879	8897	8933	8952	8946	8922	8890	8876
G 40.0	8223	8202	8223	8240	8255	8272	8269	8248	8228	8216
G 45.0	7441	7437	7441	7436	7421	7405	7400	7405	7413	7417
G 50.0	6172	6091	6172	6209	6107	5846	5851	6116	6202	6134
G 55.0	5107	4777	5107	4884	4227	3808	3847	4298	4892	5051
G 60.0	3749	3765	3749	3508	3026	3029	2994	2919	3473	3751
G 65.0	2854	2900	2854	2660	2375	2520	2479	2311	2699	2965
G 70.0	2146	2066	2146	2147	2036	1874	1891	2084	2208	2160
G 75.0	1721	1690	1721	1634	1514	1550	1548	1514	1650	1736
G 80.0	1272	1200	1272	1328	1343	1312	1311	1335	1308	1249
G 85.0	764	671	764	847	866	781	784	876	864	784
G 90.0	101	101	101	101	101	101	101	101	101	101