

Luminaire

Code 90584L400

Name ROFY 60 D0400 GCONTROL+ 830 LO

Measurem.

Code 4/8/2023

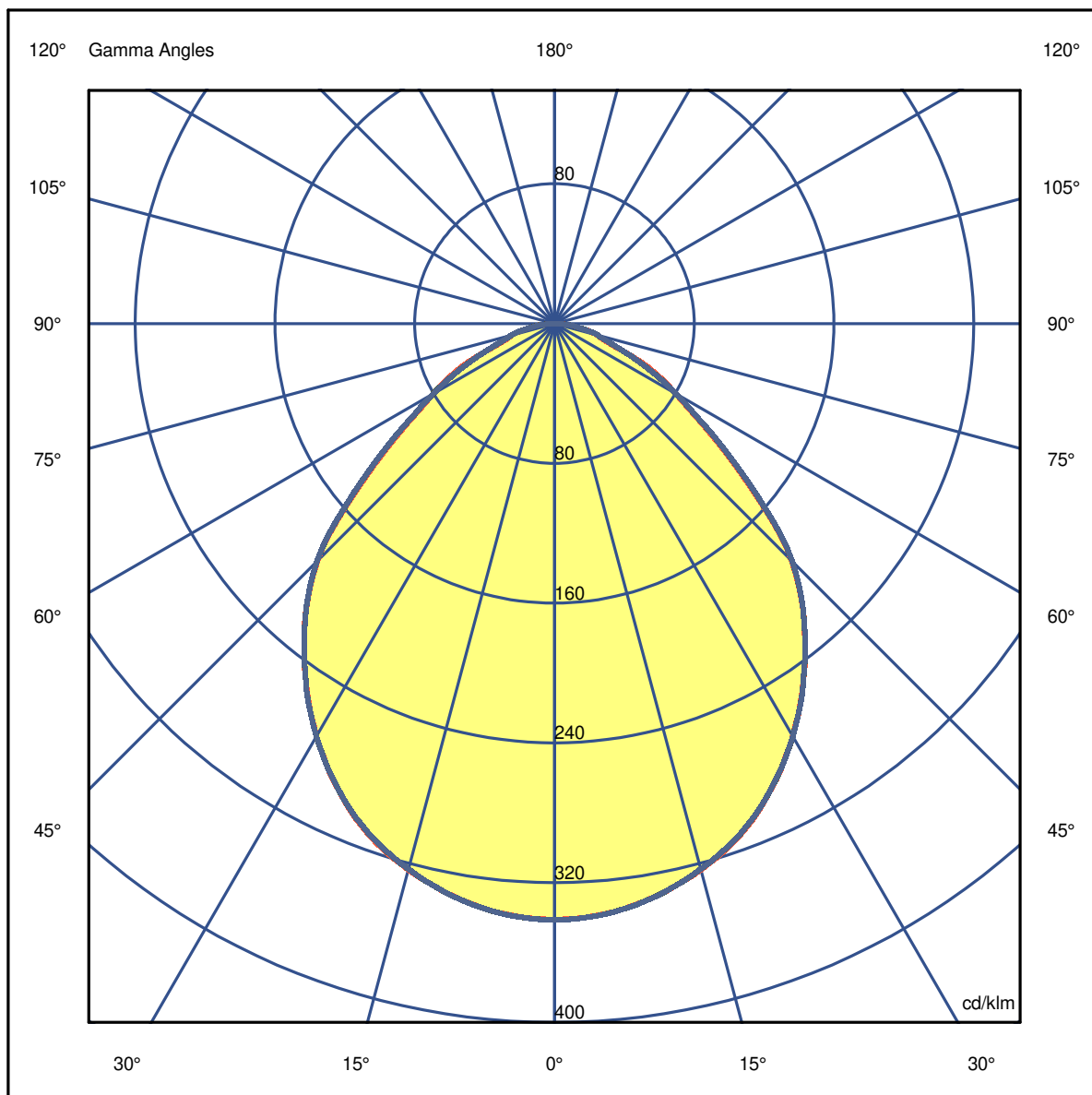
Name ROFY 60 D0400 GCONTROL+ 830 LO

Luminaire Flux	2092 lm	Luminaire Power	16.5 W	Efficacy	127.012 lm/W	Efficiency	74.18%
Source Flux	2820 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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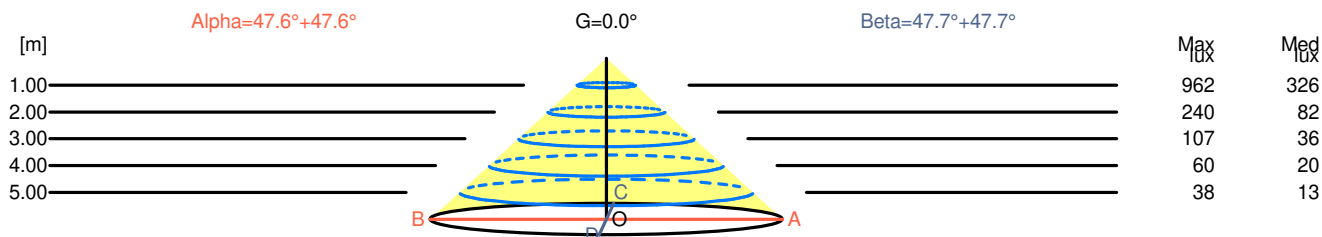
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Width at 50.00 % of Max Intensity

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	961.90	955.98	912.55	828.23	700.77	541.44	304.84	166.38	72.19	20.30
OB	961.90	955.98	912.55	828.23	700.77	541.44	304.84	166.38	72.19	20.30
OC	961.90	956.26	911.42	827.95	700.77	542.29	310.20	158.77	72.76	20.59
OD	961.90	956.26	911.42	827.95	700.77	542.29	310.20	158.77	72.76	20.59



H[m]	D[m]	Max lux	Med lux	Alpha=47.6°+47.6°	G=0.0	
1.00	2.19	962	326			
2.00	4.38	240	82			
3.00	6.57	107	36			
4.00	8.76	60	20			
5.00	10.95	38	13			

H[m]	D[m]	Max lux	Med lux	Beta=47.7°+47.7°	G=0.0	
1.00	2.20	962	326			
2.00	4.40	240	82			
3.00	6.60	107	36			
4.00	8.80	60	20			
5.00	10.99	38	13			

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Source Flux	2820 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.5	17.6	16.7	17.8	18.1	16.5	17.6	16.8	17.9	18.1
x=2H y=3H	17.1	18.1	17.4	18.4	18.6	17.0	18.1	17.3	18.3	18.6
x=2H y=4H	17.2	18.2	17.6	18.5	18.8	17.2	18.2	17.5	18.5	18.8
x=2H y=6H	17.4	18.3	17.7	18.6	18.9	17.4	18.3	17.7	18.6	18.9
x=2H y=8H	17.4	18.3	17.8	18.6	18.9	17.4	18.2	17.7	18.6	18.9
x=2H y=12H	17.4	18.2	17.8	18.6	18.9	17.4	18.2	17.8	18.5	18.9
x=4H y=2H	16.6	17.6	16.9	17.9	18.2	16.6	17.6	17.0	17.9	18.2
x=4H y=3H	17.4	18.2	17.7	18.5	18.8	17.3	18.2	17.7	18.5	18.8
x=4H y=4H	17.6	18.4	18.0	18.7	19.1	17.6	18.3	18.0	18.7	19.0
x=4H y=6H	17.9	18.5	18.3	18.9	19.3	17.8	18.5	18.3	18.8	19.3
x=4H y=8H	17.9	18.5	18.4	18.9	19.3	17.9	18.5	18.3	18.9	19.3
x=4H y=12H	18.0	18.5	18.4	18.9	19.3	17.9	18.5	18.4	18.9	19.3
x=8H y=4H	17.7	18.3	18.1	18.7	19.1	17.7	18.2	18.1	18.6	19.0
x=8H y=6H	18.0	18.5	18.5	18.9	19.4	18.0	18.5	18.5	18.9	19.4
x=8H y=8H	18.1	18.5	18.6	19.0	19.5	18.1	18.5	18.6	19.0	19.4
x=8H y=12H	18.2	18.6	18.7	19.0	19.5	18.2	18.6	18.7	19.0	19.5
x=12H y=4H	17.7	18.2	18.1	18.6	19.0	17.7	18.2	18.1	18.6	19.0
x=12H y=6H	18.0	18.4	18.5	18.9	19.4	18.0	18.4	18.5	18.9	19.3
x=12H y=8H	18.2	18.5	18.7	19.0	19.5	18.2	18.5	18.7	19.0	19.5

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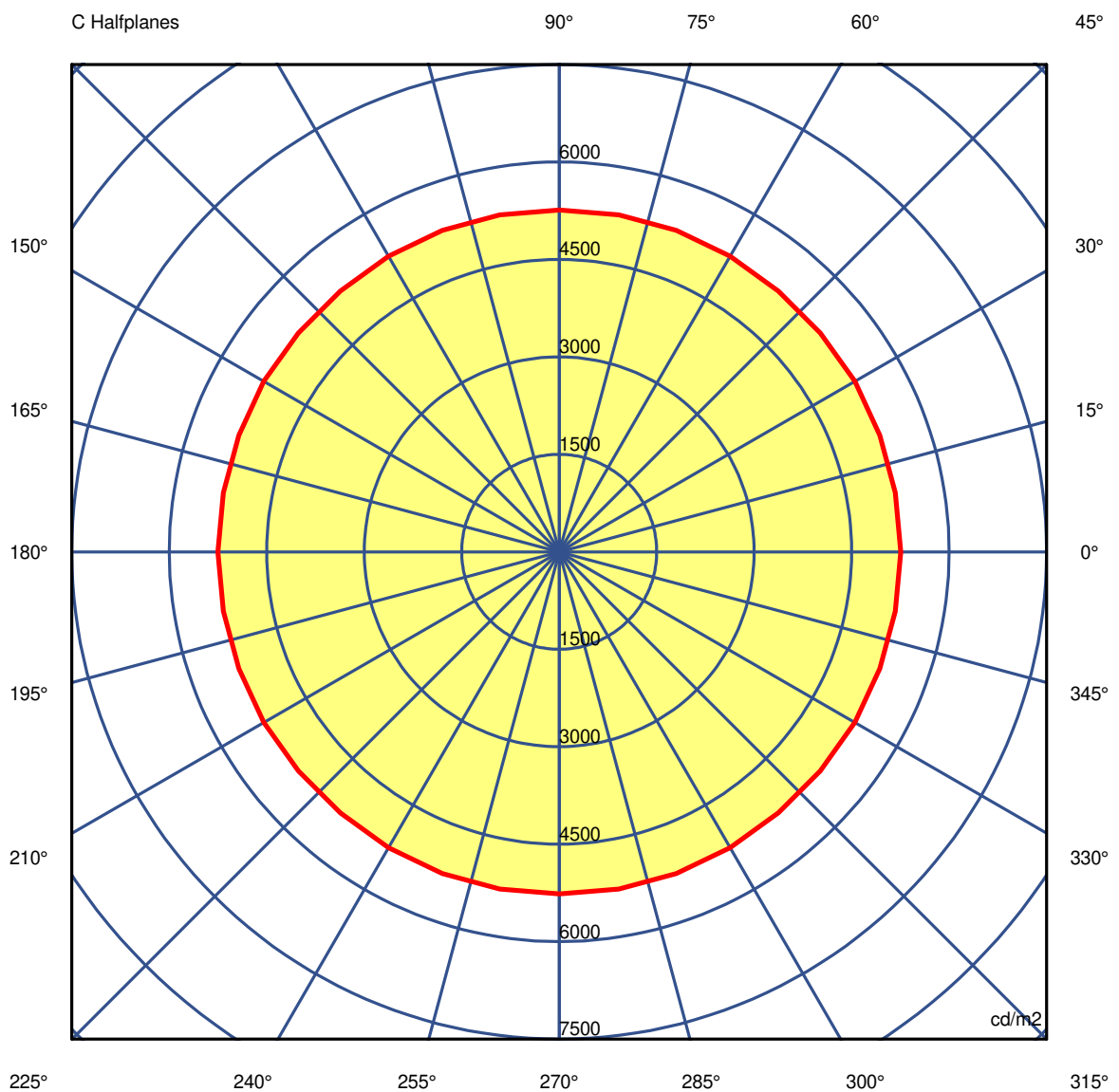
Measurem.

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Luminaire Flux	2092 lm	Luminaire Power	16.5 W	Efficacy	127.012 lm/W	Efficiency	74.18%
Source Flux	2820 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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Luminaire Flux		2092 lm		Luminaire Power		16.5 W		Efficacy		127.012 lm/W		Efficiency		74.18%	
Source Flux		2820 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	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482
G 5.0	8256	8254	8253	8253	8253	8253	8253	8251	8252	8258	8252	8251	8253	8253	8253
G 10.0	8001	8003	8002	7999	7999	7999	7999	7996	7998	8003	7998	7996	7999	7999	7999
G 15.0	7740	7737	7732	7725	7719	7718	7720	7722	7725	7730	7725	7722	7720	7720	7720
G 20.0	7459	7451	7436	7418	7408	7405	7408	7424	7439	7449	7439	7424	7408	7408	7408
G 25.0	7113	7108	7098	7087	7085	7084	7084	7089	7099	7111	7099	7089	7084	7084	7084
G 30.0	6724	6717	6719	6729	6743	6746	6734	6718	6716	6729	6716	6718	6734	6734	6734
G 35.0	6289	6292	6301	6322	6340	6345	6332	6305	6292	6289	6292	6305	6332	6332	6332
G 40.0	5824	5826	5833	5845	5855	5858	5853	5841	5829	5821	5829	5841	5853	5853	5853
G 45.0	5255	5250	5250	5250	5240	5242	5258	5267	5268	5263	5268	5267	5258	5258	5258
G 50.0	4266	4342	4384	4326	4150	4152	4335	4403	4376	4318	4376	4403	4335	4335	4335
G 55.0	3331	3577	3469	3051	2722	2697	3005	3464	3617	3390	3617	3464	3005	3005	3005
G 60.0	2671	2662	2462	2065	2118	2142	2138	2486	2660	2671	2660	2486	2138	2138	2138
G 65.0	2155	2099	1910	1636	1761	1787	1677	1881	2022	2056	2022	1881	1677	1677	1677
G 70.0	1395	1531	1566	1476	1340	1329	1444	1521	1518	1460	1518	1521	1444	1444	1444
G 75.0	1192	1230	1167	1071	1098	1099	1071	1159	1224	1202	1224	1159	1071	1071	1071
G 80.0	843	892	933	947	926	927	953	943	903	849	903	943	953	953	953
G 85.0	483	552	609	617	558	560	617	598	542	489	542	598	617	617	617
G 90.0	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70

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Source Flux	2820 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	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482	
G 5.0	8253	8253	8253	8253	8254	8256	8254	8253	8253	8253	8253	8253	8251	
G 10.0	7999	7999	7999	8002	8003	8001	8003	8002	7999	7999	7999	7999	7996	
G 15.0	7718	7719	7725	7732	7737	7740	7737	7732	7725	7719	7718	7720	7722	
G 20.0	7405	7408	7418	7436	7451	7459	7451	7436	7418	7408	7405	7408	7424	
G 25.0	7084	7085	7087	7098	7108	7113	7108	7098	7087	7085	7084	7084	7089	
G 30.0	6746	6743	6729	6719	6717	6724	6717	6719	6729	6743	6746	6734	6718	
G 35.0	6345	6340	6322	6301	6292	6289	6292	6301	6322	6340	6345	6332	6305	
G 40.0	5858	5855	5845	5833	5826	5824	5826	5833	5845	5855	5858	5853	5841	
G 45.0	5242	5240	5250	5250	5250	5255	5250	5250	5250	5240	5242	5258	5267	
G 50.0	4152	4150	4326	4384	4342	4266	4342	4384	4326	4150	4152	4335	4403	
G 55.0	2697	2722	3051	3469	3577	3331	3577	3469	3051	2722	2697	3005	3464	
G 60.0	2142	2118	2065	2462	2662	2671	2662	2462	2065	2118	2142	2138	2486	
G 65.0	1787	1761	1636	1910	2099	2155	2099	1910	1636	1761	1787	1677	1881	
G 70.0	1329	1340	1476	1566	1531	1395	1531	1566	1476	1340	1329	1444	1521	
G 75.0	1099	1098	1071	1167	1230	1192	1230	1167	1071	1098	1099	1071	1159	
G 80.0	927	926	947	933	892	843	892	933	947	926	927	953	943	
G 85.0	560	558	617	609	552	483	552	609	617	558	560	617	598	
G 90.0	70	70	70	70	70	70	70	70	70	70	70	70	70	

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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	8482	8482	8482	8482	8482	8482	8482	8482	8482	8482
G 5.0	8252	8258	8252	8251	8253	8253	8253	8253	8253	8254
G 10.0	7998	8003	7998	7996	7999	7999	7999	7999	8002	8003
G 15.0	7725	7730	7725	7722	7720	7718	7719	7725	7732	7737
G 20.0	7439	7449	7439	7424	7408	7405	7408	7418	7436	7451
G 25.0	7099	7111	7099	7089	7084	7084	7085	7087	7098	7108
G 30.0	6716	6729	6716	6718	6734	6746	6743	6729	6719	6717
G 35.0	6292	6289	6292	6305	6332	6345	6340	6322	6301	6292
G 40.0	5829	5821	5829	5841	5853	5858	5855	5845	5833	5826
G 45.0	5268	5263	5268	5267	5258	5242	5240	5250	5250	5250
G 50.0	4376	4318	4376	4403	4335	4152	4150	4326	4384	4342
G 55.0	3617	3390	3617	3464	3005	2697	2722	3051	3469	3577
G 60.0	2660	2671	2660	2486	2138	2142	2118	2065	2462	2662
G 65.0	2022	2056	2022	1881	1677	1787	1761	1636	1910	2099
G 70.0	1518	1460	1518	1521	1444	1329	1340	1476	1566	1531
G 75.0	1224	1202	1224	1159	1071	1099	1098	1071	1167	1230
G 80.0	903	849	903	943	953	927	926	947	933	892
G 85.0	542	489	542	598	617	560	558	617	609	552
G 90.0	70	70	70	70	70	70	70	70	70	70