

Luminaire

Code 90589L400

Name ROFY 60 D/I D0400 LIGHT+ 830 HO

Measurem.

Code 26/7/2023

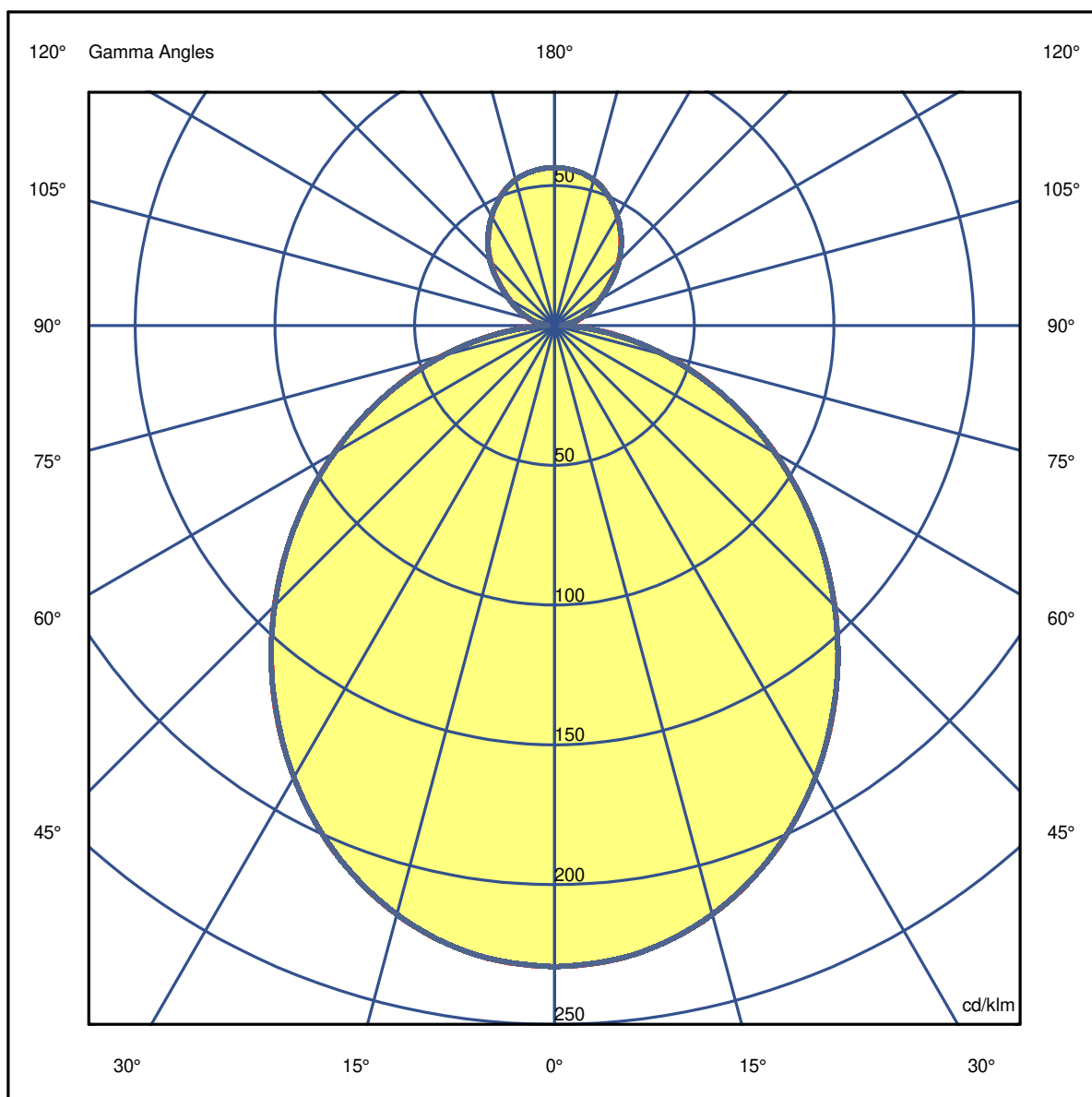
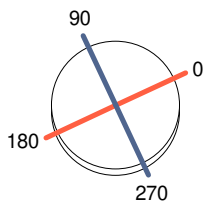
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Luminaire Flux	4071 lm	Luminaire Power	31.7 W	Efficacy	128.252 lm/W	Efficiency	76.33%
Source Flux	5333 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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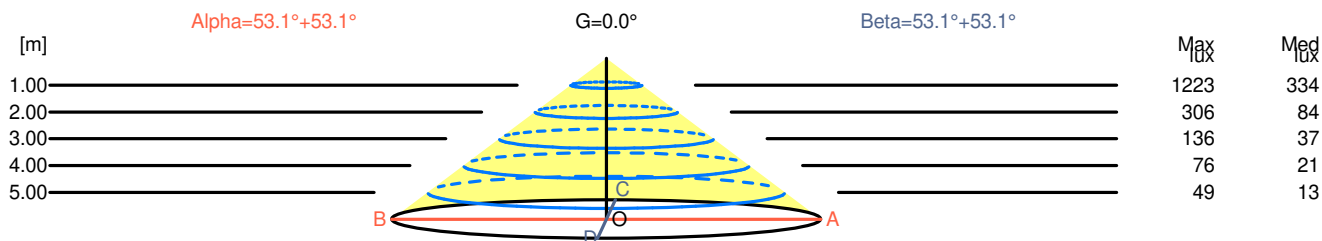
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Width at 50.00 % of Max Intensity

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	1.33	2.67	4.00	5.33	6.67	OC	1.33	2.67	4.00	5.33	6.66
OB	1.33	2.67	4.00	5.33	6.67	OD	1.33	2.67	4.00	5.33	6.66

	0	5	15	25	35	45	55	65	75	85
OA	1222.86	1216.46	1163.13	1061.27	921.54	756.22	577.56	394.64	219.19	66.13
OB	1222.86	1216.46	1163.13	1061.27	921.54	756.22	577.56	394.64	219.19	66.13
OC	1222.86	1215.92	1162.59	1060.73	920.48	755.15	577.03	395.18	218.12	58.66
OD	1222.86	1215.92	1162.59	1060.73	920.48	755.15	577.03	395.18	218.12	58.66



H[m]	D[m]	Max lux	Med lux	Alpha=53.1°+53.1°	G=0.0
1.00	2.67	1223	334		
2.00	5.33	306	84		
3.00	8.00	136	37		
4.00	10.67	76	21		
5.00	13.33	49	13		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.67	1223	334		
2.00	5.33	306	84		
3.00	8.00	136	37		
4.00	10.66	76	21		
5.00	13.33	49	13		

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Source Flux	5333 lm	Maximum value	229.30 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	17.8	18.9	18.3	19.4	20.0	17.8	18.9	18.3	19.4	20.0
x=2H y=3H	19.1	20.0	19.6	20.6	21.2	19.1	20.0	19.6	20.6	21.2
x=2H y=4H	19.5	20.4	20.1	21.0	21.7	19.5	20.4	20.1	21.0	21.7
x=2H y=6H	19.8	20.6	20.4	21.2	21.9	19.8	20.6	20.4	21.2	21.9
x=2H y=8H	19.9	20.7	20.5	21.3	22.0	19.9	20.7	20.5	21.3	22.0
x=2H y=12H	19.9	20.7	20.5	21.3	22.0	19.9	20.6	20.5	21.2	22.0
x=4H y=2H	18.3	19.2	18.9	19.8	20.5	18.3	19.2	18.9	19.8	20.5
x=4H y=3H	19.7	20.5	20.4	21.1	21.8	19.7	20.5	20.4	21.1	21.8
x=4H y=4H	20.3	21.0	21.0	21.6	22.4	20.3	21.0	21.0	21.6	22.4
x=4H y=6H	20.7	21.3	21.4	21.9	22.7	20.7	21.3	21.4	21.9	22.7
x=4H y=8H	20.8	21.3	21.5	22.0	22.8	20.8	21.3	21.5	22.0	22.8
x=4H y=12H	20.9	21.3	21.6	22.0	22.8	20.8	21.3	21.5	22.0	22.8
x=8H y=4H	20.5	21.0	21.2	21.7	22.5	20.5	21.0	21.2	21.7	22.5
x=8H y=6H	21.0	21.4	21.7	22.1	22.9	21.0	21.4	21.7	22.1	22.9
x=8H y=8H	21.1	21.5	21.9	22.2	23.1	21.1	21.5	21.8	22.2	23.1
x=8H y=12H	21.2	21.6	22.0	22.3	23.2	21.2	21.5	21.9	22.3	23.1
x=12H y=4H	20.5	20.9	21.2	21.6	22.4	20.5	20.9	21.2	21.7	22.4
x=12H y=6H	21.0	21.4	21.7	22.1	22.9	21.0	21.4	21.7	22.1	22.9
x=12H y=8H	21.2	21.5	21.9	22.3	23.1	21.1	21.5	21.9	22.2	23.1

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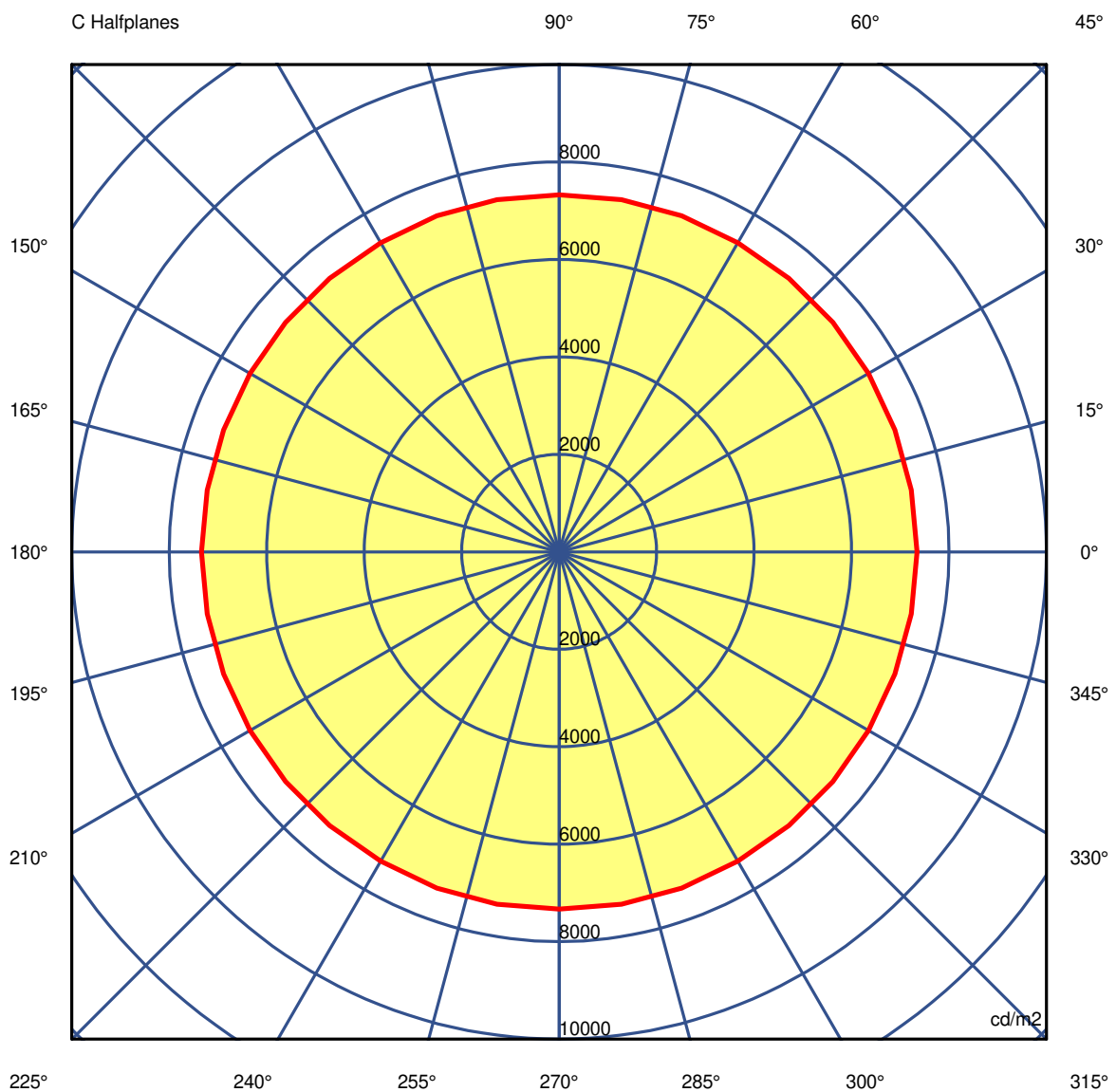
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Luminaire Flux	4071 lm	Luminaire Power	31.7 W	Efficacy	128.252 lm/W	Efficiency	76.33%
Source Flux	5333 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Measur.

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Luminaire Flux	4071 lm		Luminaire Power		31.7 W		Efficacy		128.252 lm/W		Efficiency		76.33%	
Source Flux	5333 lm		Maximum value		229.30 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	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	
G 5.0	10505	10501	10502	10505	10505	10505	10505	10505	10504	10501	10504	10505	10505	
G 10.0	10198	10195	10193	10193	10197	10198	10198	10201	10202	10198	10202	10201	10198	
G 15.0	9865	9861	9861	9865	9866	9863	9860	9863	9864	9860	9864	9863	9860	
G 20.0	9499	9499	9499	9499	9499	9497	9494	9497	9499	9499	9499	9497	9494	
G 25.0	9115	9108	9104	9105	9109	9108	9105	9112	9115	9110	9115	9112	9105	
G 30.0	8701	8698	8697	8697	8697	8697	8697	8700	8701	8701	8701	8700	8697	
G 35.0	8270	8263	8260	8261	8265	8264	8261	8264	8265	8261	8265	8264	8261	
G 40.0	7808	7800	7799	7803	7803	7803	7803	7806	7810	7813	7810	7806	7803	
G 45.0	7340	7332	7326	7324	7328	7329	7329	7341	7343	7329	7343	7341	7329	
G 50.0	6838	6819	6821	6833	6826	6821	6827	6831	6834	6838	6834	6831	6827	
G 55.0	6312	6299	6291	6288	6287	6292	6300	6300	6301	6306	6301	6300	6300	
G 60.0	5737	5728	5722	5719	5714	5712	5719	5733	5738	5731	5738	5733	5719	
G 65.0	5112	5103	5093	5084	5083	5086	5091	5100	5110	5119	5110	5100	5091	
G 70.0	4420	4397	4385	4381	4375	4375	4381	4386	4393	4404	4393	4386	4381	
G 75.0	3620	3593	3580	3576	3563	3557	3567	3585	3598	3602	3598	3585	3567	
G 80.0	2672	2667	2652	2630	2616	2600	2589	2600	2617	2630	2617	2600	2589	
G 85.0	1572	1536	1509	1483	1443	1398	1369	1374	1388	1395	1388	1374	1369	
G 90.0	627	616	606	594	575	546	512	477	450	429	450	477	512	

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Source Flux		5333 lm		Maximum value		229.30 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	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782
G 5.0	10505	10505	10505	10505	10502	10501	10505	10501	10502	10505	10505	10505	10505	10505	10505	10505	10505	10505	10505	10505	10505	10505	10505	10505	10505
G 10.0	10198	10197	10193	10193	10195	10198	10195	10193	10193	10197	10198	10198	10198	10198	10198	10198	10198	10198	10198	10198	10198	10198	10198	10198	10201
G 15.0	9863	9866	9865	9861	9861	9865	9861	9861	9865	9866	9863	9860	9863	9860	9863	9860	9863	9860	9863	9860	9863	9860	9863	9860	9863
G 20.0	9497	9499	9499	9499	9499	9499	9499	9499	9499	9499	9499	9499	9497	9494	9497	9494	9497	9494	9497	9494	9497	9494	9497	9494	9497
G 25.0	9108	9109	9105	9104	9108	9115	9108	9104	9105	9109	9108	9105	9108	9105	9108	9105	9108	9105	9108	9105	9108	9105	9108	9105	9112
G 30.0	8697	8697	8697	8697	8698	8701	8698	8697	8697	8697	8697	8697	8697	8697	8697	8697	8697	8697	8697	8697	8697	8697	8697	8697	8700
G 35.0	8264	8265	8261	8260	8263	8270	8263	8260	8261	8265	8264	8261	8264	8261	8264	8261	8264	8261	8264	8261	8264	8261	8264	8261	8264
G 40.0	7803	7803	7803	7799	7800	7808	7800	7799	7803	7803	7803	7803	7803	7803	7803	7803	7803	7803	7803	7803	7803	7803	7803	7803	7806
G 45.0	7329	7328	7324	7326	7332	7340	7332	7326	7324	7328	7329	7329	7329	7329	7329	7329	7329	7329	7329	7329	7329	7329	7329	7329	7341
G 50.0	6821	6826	6833	6821	6819	6838	6819	6821	6833	6826	6821	6827	6821	6827	6821	6827	6821	6827	6821	6827	6821	6827	6821	6827	6831
G 55.0	6292	6287	6288	6291	6299	6312	6299	6291	6288	6287	6292	6300	6300	6300	6300	6300	6300	6300	6300	6300	6300	6300	6300	6300	6300
G 60.0	5712	5714	5719	5722	5728	5737	5728	5722	5719	5714	5712	5719	5733	5733	5733	5733	5733	5733	5733	5733	5733	5733	5733	5733	5733
G 65.0	5086	5083	5084	5093	5103	5112	5103	5093	5084	5083	5086	5091	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100
G 70.0	4375	4375	4381	4385	4397	4420	4397	4385	4381	4375	4375	4381	4386	4386	4386	4386	4386	4386	4386	4386	4386	4386	4386	4386	4386
G 75.0	3557	3563	3576	3580	3593	3620	3593	3580	3576	3563	3557	3567	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585	3585
G 80.0	2600	2616	2630	2652	2667	2672	2667	2652	2630	2616	2600	2589	2600	2589	2600	2589	2600	2589	2600	2589	2600	2589	2600	2589	2600
G 85.0	1398	1443	1483	1509	1536	1572	1536	1509	1483	1443	1398	1369	1374	1369	1374	1369	1374	1369	1374	1369	1374	1369	1374	1369	1374
G 90.0	546	575	594	606	616	627	616	606	594	575	546	512	477	512	477	512	477	512	477	512	477	512	477	512	477

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Source Flux	5333 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	10782	10782	10782	10782	10782	10782	10782	10782	10782	10782
G 5.0	10504	10501	10504	10505	10505	10505	10505	10505	10502	10501
G 10.0	10202	10198	10202	10201	10198	10198	10197	10193	10193	10195
G 15.0	9864	9860	9864	9863	9860	9863	9866	9865	9861	9861
G 20.0	9499	9499	9499	9497	9494	9497	9499	9499	9499	9499
G 25.0	9115	9110	9115	9112	9105	9108	9109	9105	9104	9108
G 30.0	8701	8701	8701	8700	8697	8697	8697	8697	8697	8698
G 35.0	8265	8261	8265	8264	8261	8264	8265	8261	8260	8263
G 40.0	7810	7813	7810	7806	7803	7803	7803	7803	7799	7800
G 45.0	7343	7329	7343	7341	7329	7329	7328	7324	7326	7332
G 50.0	6834	6838	6834	6831	6827	6821	6826	6833	6821	6819
G 55.0	6301	6306	6301	6300	6300	6292	6287	6288	6291	6299
G 60.0	5738	5731	5738	5733	5719	5712	5714	5719	5722	5728
G 65.0	5110	5119	5110	5100	5091	5086	5083	5084	5093	5103
G 70.0	4393	4404	4393	4386	4381	4375	4375	4381	4385	4397
G 75.0	3598	3602	3598	3585	3567	3557	3563	3576	3580	3593
G 80.0	2617	2630	2617	2600	2589	2600	2616	2630	2652	2667
G 85.0	1388	1395	1388	1374	1369	1398	1443	1483	1509	1536
G 90.0	450	429	450	477	512	546	575	594	606	616