

Luminaire

Code 90623L600
Name ROFY 85 D/I D0600 LIGHT+ 830 HO

Measurem.

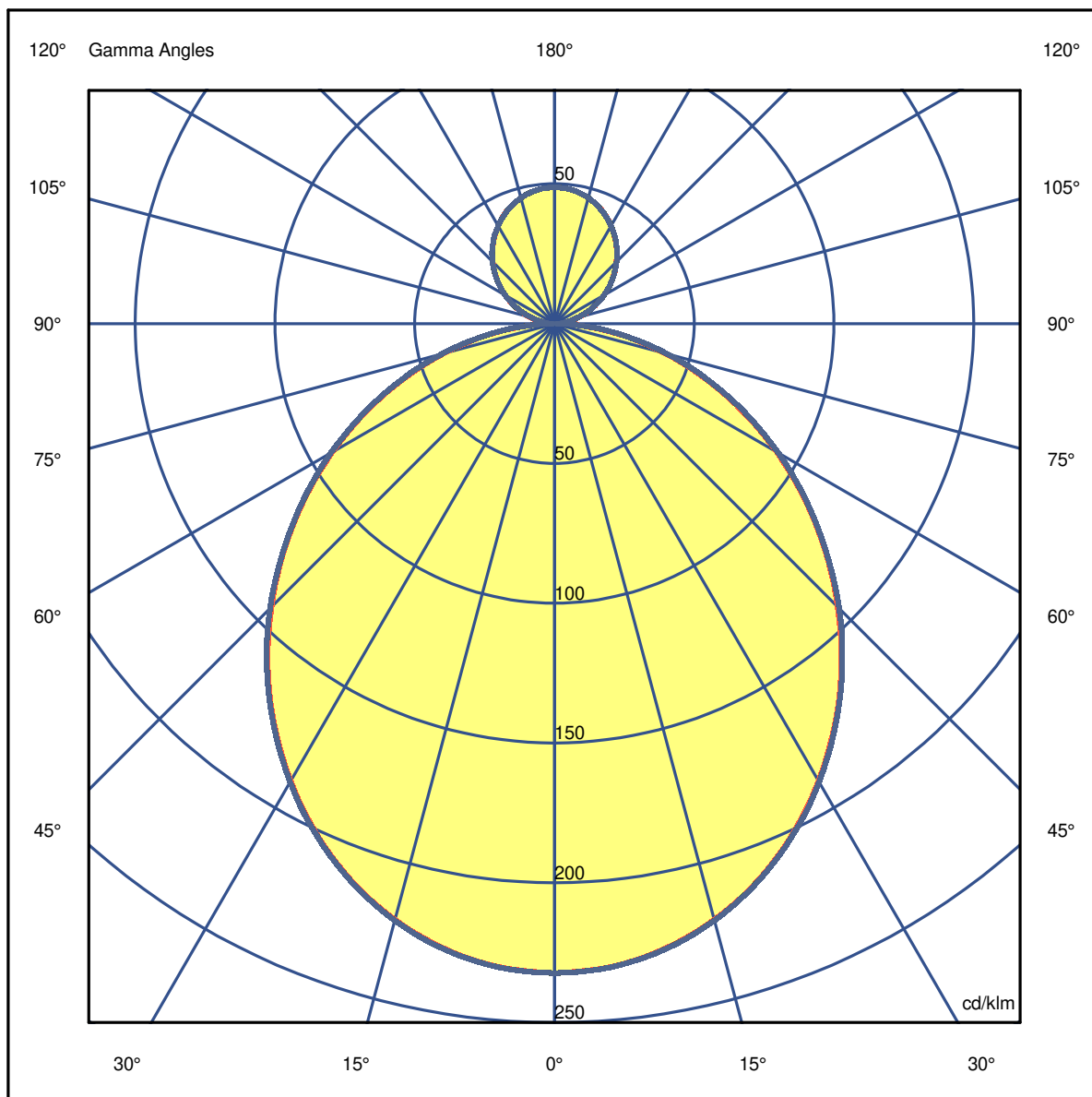
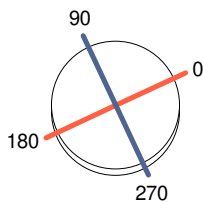
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Name ROFY 85 D/I D0600 LIGHT+ 830 HO

Luminaire Flux	7601 lm	Luminaire Power	56.3 W	Efficacy	135.041 lm/W	Efficiency	76.35%
Source Flux	9956 lm	Maximum value	232.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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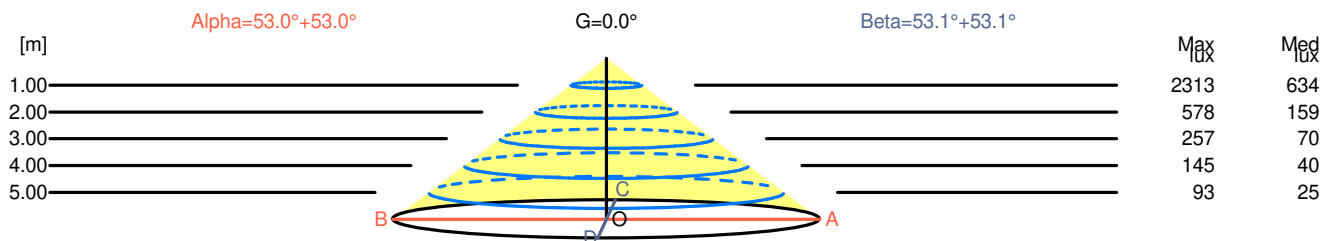
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Width at 50.00 % of Max Intensity

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	2.65	3.98	5.31	6.63	OC	1.33	2.67	4.00	5.33	6.67
OB	1.33	2.65	3.98	5.31	6.63	OD	1.33	2.67	4.00	5.33	6.67

	0	5	15	25	35	45	55	65	75	85
OA	2312.78	2298.84	2197.29	2006.13	1741.30	1426.69	1087.20	740.73	408.20	116.49
OB	2312.78	2298.84	2197.29	2006.13	1741.30	1426.69	1087.20	740.73	408.20	116.49
OC	2312.78	2299.84	2200.28	2009.12	1745.29	1433.66	1092.17	746.70	415.17	118.48
OD	2312.78	2299.84	2200.28	2009.12	1745.29	1433.66	1092.17	746.70	415.17	118.48



H[m]	D[m]	Max lux	Med lux	Alpha=53.0°+53.0°	G=0.0
1.00	2.65	2313	634		
2.00	5.31	578	159		
3.00	7.96	257	70		
4.00	10.61	145	40		
5.00	13.26	93	25		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.67	2313	634		
2.00	5.33	578	159		
3.00	8.00	257	70		
4.00	10.66	145	40		
5.00	13.33	93	25		

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Source Flux	9956 lm	Maximum value	232.30 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	17.5	18.6	18.0	19.1	19.7	17.5	18.6	18.0	19.1	19.7
x=2H y=3H	18.8	19.8	19.4	20.3	20.9	18.8	19.8	19.4	20.3	21.0
x=2H y=4H	19.3	20.2	19.9	20.8	21.4	19.3	20.3	19.9	20.8	21.5
x=2H y=6H	19.6	20.5	20.2	21.0	21.7	19.7	20.5	20.3	21.1	21.8
x=2H y=8H	19.7	20.5	20.3	21.1	21.8	19.7	20.6	20.4	21.1	21.8
x=2H y=12H	19.7	20.5	20.3	21.1	21.8	19.8	20.6	20.4	21.2	21.9
x=4H y=2H	18.0	18.9	18.6	19.5	20.1	18.0	19.0	18.6	19.5	20.2
x=4H y=3H	19.5	20.3	20.1	20.9	21.6	19.5	20.3	20.2	20.9	21.6
x=4H y=4H	20.1	20.8	20.7	21.4	22.1	20.2	20.8	20.8	21.5	22.2
x=4H y=6H	20.5	21.1	21.2	21.8	22.5	20.6	21.2	21.3	21.8	22.6
x=4H y=8H	20.6	21.2	21.3	21.9	22.6	20.7	21.3	21.4	21.9	22.7
x=4H y=12H	20.7	21.2	21.4	21.9	22.7	20.8	21.3	21.5	22.0	22.7
x=8H y=4H	20.3	20.8	21.0	21.5	22.3	20.3	20.9	21.0	21.6	22.3
x=8H y=6H	20.8	21.3	21.5	22.0	22.8	20.9	21.3	21.6	22.0	22.8
x=8H y=8H	21.0	21.4	21.7	22.1	23.0	21.1	21.5	21.8	22.2	23.0
x=8H y=12H	21.1	21.5	21.9	22.2	23.1	21.2	21.5	21.9	22.3	23.1
x=12H y=4H	20.3	20.8	21.0	21.5	22.2	20.3	20.8	21.0	21.5	22.3
x=12H y=6H	20.9	21.2	21.6	22.0	22.8	20.9	21.3	21.6	22.0	22.8
x=12H y=8H	21.1	21.4	21.8	22.1	23.0	21.1	21.5	21.9	22.2	23.1

Luminaire

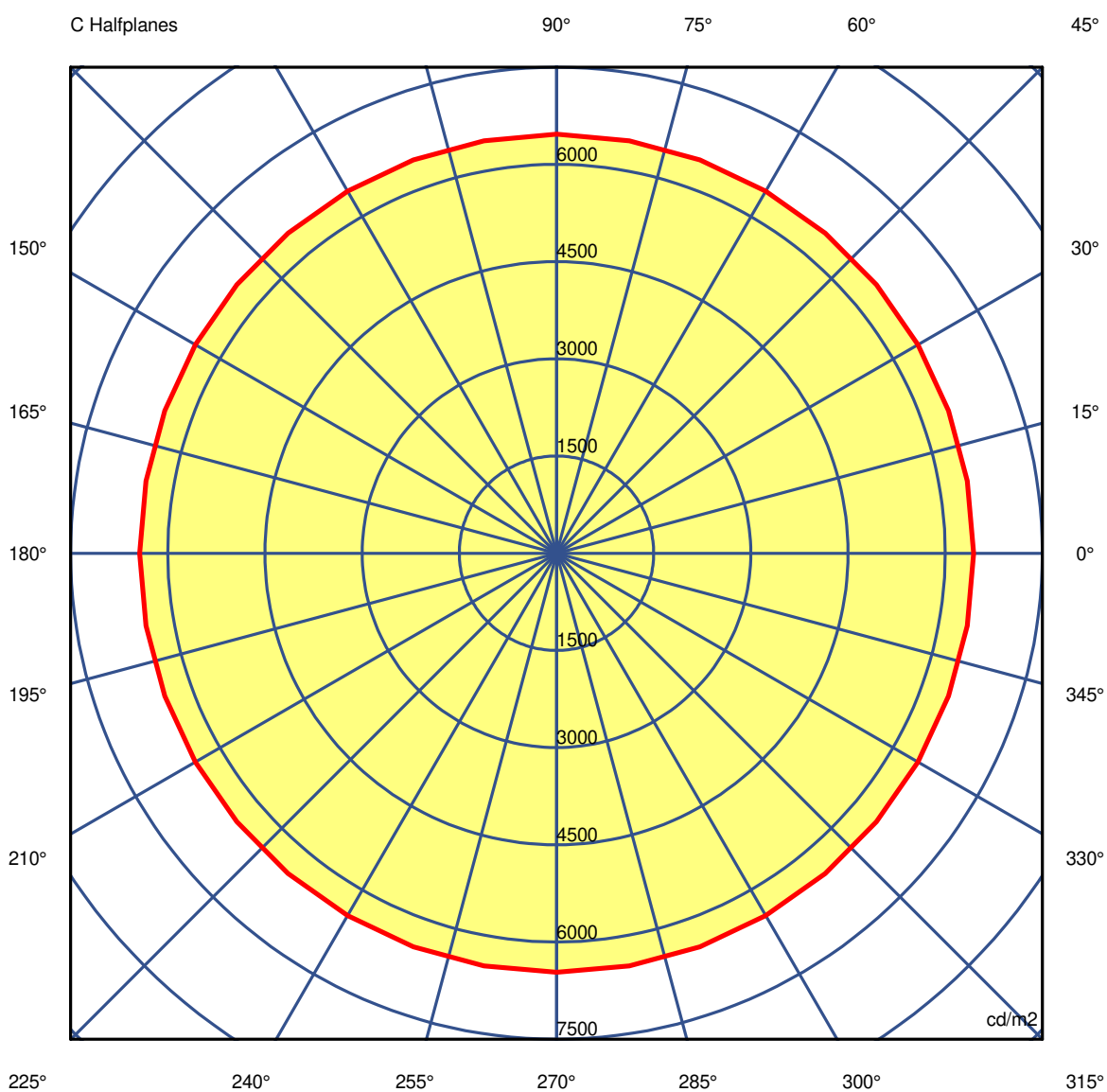
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Luminaire Flux	7601 lm	Luminaire Power	56.3 W	Efficacy	135.041 lm/W	Efficiency	76.35%
Source Flux	9956 lm	Maximum value	232.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Source Flux		9956 lm		Maximum value		232.30 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	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754
G 5.0	8594	8594	8595	8598	8595	8595	8593	8594	8596	8598	8598	8598	8596	8594	8594
G 10.0	8409	8412	8413	8413	8413	8413	8414	8417	8417	8417	8417	8417	8417	8417	8417
G 15.0	8200	8202	8205	8207	8204	8205	8207	8207	8205	8205	8211	8205	8205	8207	8207
G 20.0	7968	7965	7965	7968	7968	7969	7972	7975	7976	7976	7976	7976	7975	7972	7972
G 25.0	7707	7703	7706	7711	7711	7711	7711	7716	7719	7719	7719	7719	7716	7711	7711
G 30.0	7420	7423	7424	7424	7426	7430	7432	7432	7433	7436	7436	7433	7432	7432	7432
G 35.0	7116	7116	7119	7124	7118	7117	7124	7130	7132	7132	7132	7132	7130	7124	7124
G 40.0	6792	6785	6786	6792	6794	6801	6809	6807	6806	6814	6806	6807	6807	6809	6809
G 45.0	6436	6436	6437	6440	6447	6451	6454	6460	6465	6467	6465	6460	6454	6454	6454
G 50.0	6062	6062	6063	6067	6073	6078	6081	6085	6086	6086	6086	6086	6085	6081	6081
G 55.0	5665	5656	5654	5659	5667	5672	5675	5682	5688	5691	5688	5688	5682	5675	5675
G 60.0	5229	5219	5220	5229	5232	5238	5246	5250	5254	5263	5254	5250	5246	5246	5246
G 65.0	4738	4728	4725	4732	4741	4747	4751	4759	4768	4776	4768	4759	4751	4751	4751
G 70.0	4181	4168	4169	4181	4186	4192	4203	4213	4220	4224	4220	4213	4203	4203	4203
G 75.0	3519	3496	3499	3519	3525	3533	3545	3550	3560	3579	3560	3550	3545	3545	3545
G 80.0	2720	2703	2701	2710	2710	2715	2731	2738	2747	2762	2747	2738	2731	2731	2731
G 85.0	1615	1591	1591	1601	1588	1599	1629	1620	1618	1642	1618	1620	1629	1629	1629
G 90.0	687	746	778	727	560	445	404	307	256	242	256	307	404	404	404

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Source Flux	9956 lm		Maximum value		232.30 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	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754	
G 5.0	8593	8595	8598	8595	8594	8594	8594	8595	8598	8595	8593	8594	8594	8596	
G 10.0	8414	8413	8413	8413	8412	8409	8412	8413	8413	8413	8414	8417	8417	8417	
G 15.0	8205	8204	8207	8205	8202	8200	8202	8205	8207	8204	8205	8207	8205	8205	
G 20.0	7969	7968	7968	7965	7965	7968	7965	7965	7968	7968	7969	7972	7975	7975	
G 25.0	7711	7711	7711	7706	7703	7707	7703	7706	7711	7711	7711	7711	7716	7716	
G 30.0	7430	7426	7424	7424	7423	7420	7423	7424	7424	7426	7430	7432	7432	7432	
G 35.0	7117	7118	7124	7119	7116	7116	7116	7119	7124	7118	7117	7124	7130	7130	
G 40.0	6801	6794	6792	6786	6785	6792	6785	6786	6792	6794	6801	6809	6807	6807	
G 45.0	6451	6447	6440	6437	6436	6436	6436	6437	6440	6447	6451	6454	6460	6460	
G 50.0	6078	6073	6067	6063	6062	6062	6062	6063	6067	6073	6078	6081	6085	6085	
G 55.0	5672	5667	5659	5654	5656	5665	5656	5654	5659	5667	5672	5675	5682	5682	
G 60.0	5238	5232	5229	5220	5219	5229	5219	5220	5229	5232	5238	5246	5250	5250	
G 65.0	4747	4741	4732	4725	4728	4738	4728	4725	4732	4741	4747	4751	4759	4759	
G 70.0	4192	4186	4181	4169	4168	4181	4168	4169	4181	4186	4192	4203	4213	4213	
G 75.0	3533	3525	3519	3499	3496	3519	3496	3499	3519	3525	3533	3545	3550	3550	
G 80.0	2715	2710	2710	2701	2703	2720	2703	2701	2710	2710	2715	2731	2738	2738	
G 85.0	1599	1588	1601	1591	1591	1615	1591	1591	1601	1588	1599	1629	1620	1620	
G 90.0	445	560	727	778	746	687	746	778	727	560	445	404	307	307	

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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	8754	8754	8754	8754	8754	8754	8754	8754	8754	8754
G 5.0	8598	8598	8598	8596	8594	8593	8595	8598	8595	8594
G 10.0	8417	8417	8417	8417	8417	8414	8413	8413	8413	8412
G 15.0	8205	8211	8205	8205	8207	8205	8204	8207	8205	8202
G 20.0	7976	7976	7976	7975	7972	7969	7968	7968	7965	7965
G 25.0	7719	7719	7719	7716	7711	7711	7711	7711	7706	7703
G 30.0	7433	7436	7433	7432	7432	7430	7426	7424	7424	7423
G 35.0	7132	7132	7132	7130	7124	7117	7118	7124	7119	7116
G 40.0	6806	6814	6806	6807	6809	6801	6794	6792	6786	6785
G 45.0	6465	6467	6465	6460	6454	6451	6447	6440	6437	6436
G 50.0	6086	6086	6086	6085	6081	6078	6073	6067	6063	6062
G 55.0	5688	5691	5688	5682	5675	5672	5667	5659	5654	5656
G 60.0	5254	5263	5254	5250	5246	5238	5232	5229	5220	5219
G 65.0	4768	4776	4768	4759	4751	4747	4741	4732	4725	4728
G 70.0	4220	4224	4220	4213	4203	4192	4186	4181	4169	4168
G 75.0	3560	3579	3560	3550	3545	3533	3525	3519	3499	3496
G 80.0	2747	2762	2747	2738	2731	2715	2710	2710	2701	2703
G 85.0	1618	1642	1618	1620	1629	1599	1588	1601	1591	1591
G 90.0	256	242	256	307	404	445	560	727	778	746