

Luminaire

Code 90589L115
Name ROFY 60 D/I D1150 LIGHT+ K3 840 HO

Measurem.

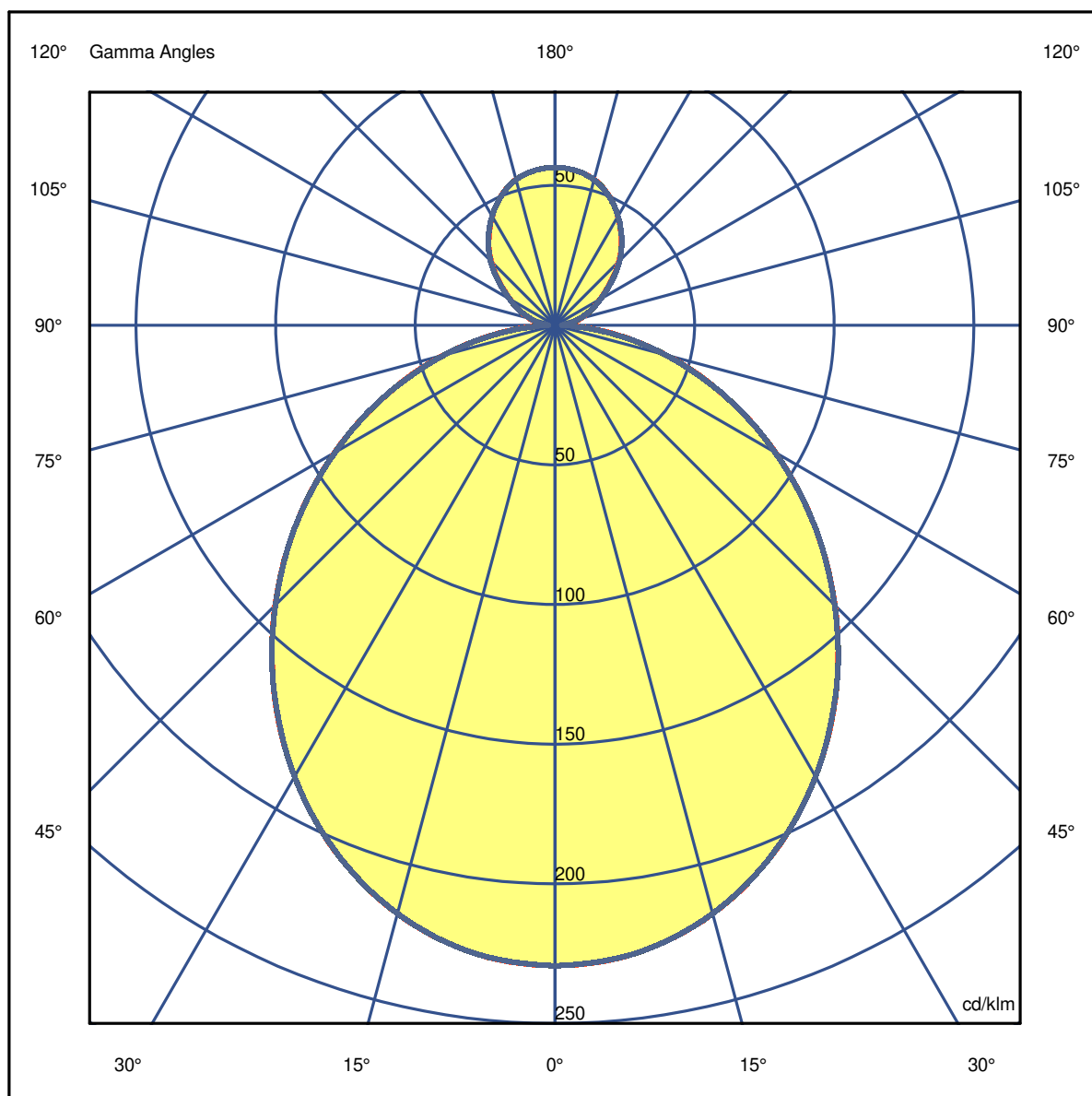
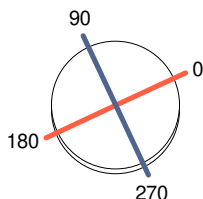
Code 26/7/2023
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Luminaire Flux	19483 lm	Luminaire Power	136.9 W	Efficacy	142.313 lm/W	Efficiency	76.33%
Source Flux	25524 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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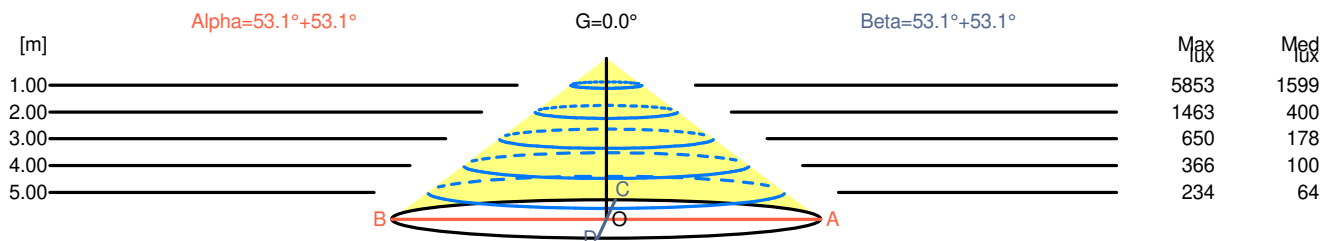
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Width at 50.00 % of Max Intensity

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	5852.65	5822.02	5566.78	5079.28	4410.55	3619.30	2764.25	1888.78	1049.04	316.50
OB	5852.65	5822.02	5566.78	5079.28	4410.55	3619.30	2764.25	1888.78	1049.04	316.50
OC	5852.65	5819.47	5564.23	5076.72	4405.44	3614.20	2761.70	1891.33	1043.93	280.76
OD	5852.65	5819.47	5564.23	5076.72	4405.44	3614.20	2761.70	1891.33	1043.93	280.76



H[m]	D[m]	Max lux	Med lux	Alpha=53.1°+53.1°	G=0.0
1.00	2.67	5853	1599		
2.00	5.33	1463	400		
3.00	8.00	650	178		
4.00	10.67	366	100		
5.00	13.33	234	64		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.67	5853	1599		
2.00	5.33	1463	400		
3.00	8.00	650	178		
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Source Flux	25524 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	16.4	17.5	16.9	18.0	18.6	16.4	17.5	17.0	18.0	18.6
x=2H y=3H	17.8	18.8	18.4	19.3	20.0	17.8	18.8	18.4	19.3	20.0
x=2H y=4H	18.3	19.2	18.9	19.8	20.5	18.3	19.3	18.9	19.8	20.5
x=2H y=6H	18.7	19.6	19.3	20.2	20.9	18.7	19.6	19.3	20.2	20.9
x=2H y=8H	18.8	19.6	19.5	20.2	20.9	18.8	19.6	19.4	20.2	20.9
x=2H y=12H	18.9	19.6	19.5	20.3	21.0	18.8	19.6	19.5	20.2	20.9
x=4H y=2H	16.9	17.9	17.6	18.5	19.1	17.0	17.9	17.6	18.5	19.1
x=4H y=3H	18.5	19.3	19.2	19.9	20.6	18.5	19.3	19.2	19.9	20.6
x=4H y=4H	19.2	19.9	19.9	20.5	21.3	19.2	19.9	19.9	20.5	21.3
x=4H y=6H	19.7	20.3	20.4	20.9	21.7	19.7	20.3	20.4	20.9	21.7
x=4H y=8H	19.8	20.4	20.5	21.1	21.9	19.8	20.4	20.5	21.0	21.8
x=4H y=12H	19.9	20.4	20.6	21.1	21.9	19.9	20.4	20.6	21.1	21.9
x=8H y=4H	19.4	19.9	20.1	20.6	21.4	19.4	19.9	20.1	20.6	21.4
x=8H y=6H	20.0	20.5	20.7	21.2	22.0	20.0	20.4	20.7	21.2	22.0
x=8H y=8H	20.2	20.6	21.0	21.4	22.2	20.2	20.6	20.9	21.3	22.2
x=8H y=12H	20.4	20.7	21.2	21.5	22.3	20.3	20.7	21.1	21.4	22.3
x=12H y=4H	19.4	19.9	20.1	20.6	21.4	19.4	19.9	20.1	20.6	21.4
x=12H y=6H	20.0	20.4	20.8	21.2	22.0	20.0	20.4	20.8	21.1	22.0
x=12H y=8H	20.3	20.6	21.1	21.4	22.3	20.3	20.6	21.0	21.4	22.2

Luminaire

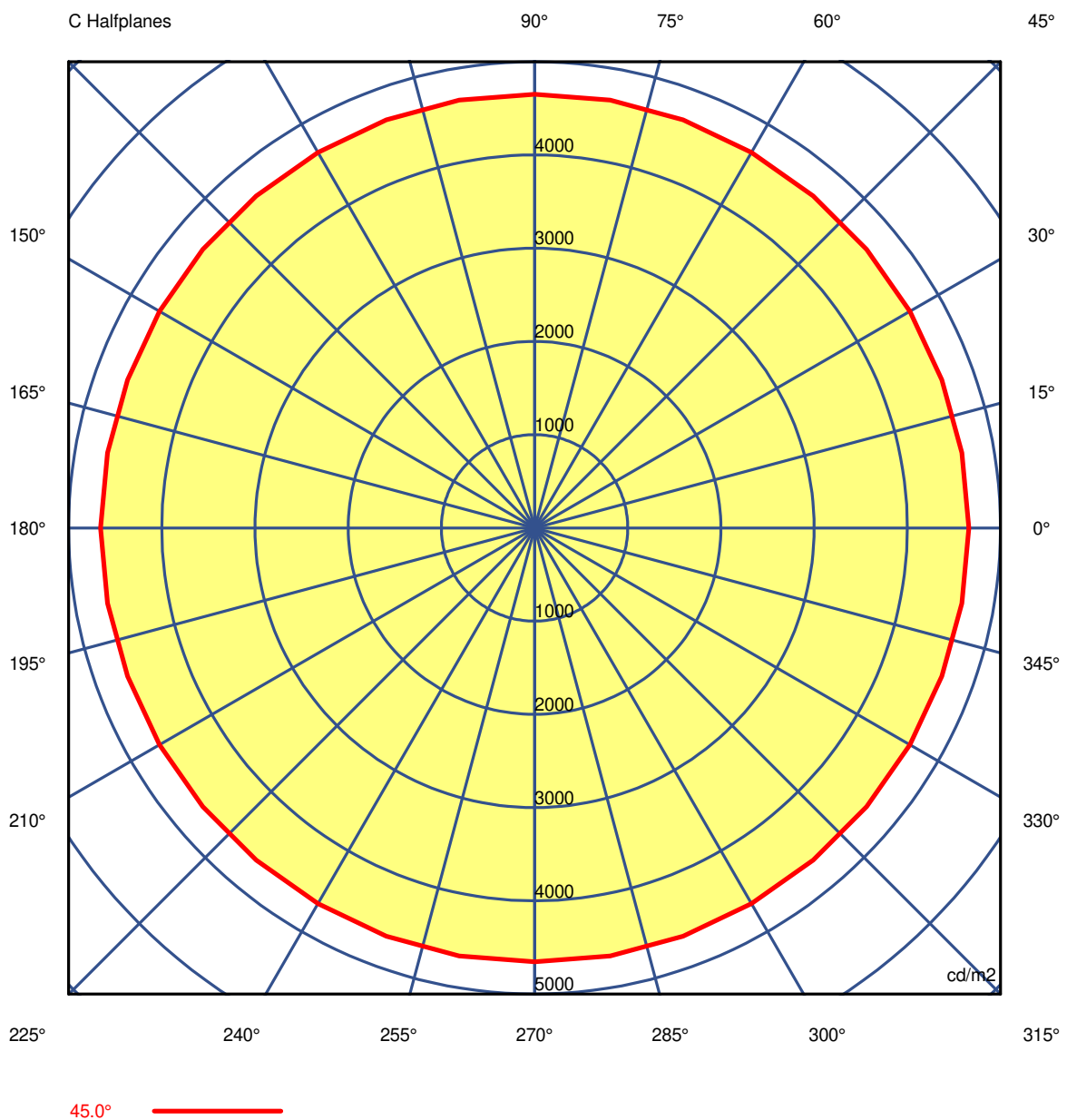
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Source Flux	25524 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Source Flux	25524 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	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836
G 5.0	5779	5777	5777	5779	5779	5779	5779	5779	5778	5777	5778	5779	5779
G 10.0	5700	5699	5697	5698	5700	5700	5700	5702	5703	5700	5703	5702	5700
G 15.0	5603	5601	5601	5603	5603	5602	5600	5602	5603	5600	5603	5602	5600
G 20.0	5483	5483	5483	5483	5483	5482	5480	5482	5483	5483	5483	5482	5480
G 25.0	5349	5345	5343	5344	5346	5346	5344	5348	5350	5347	5350	5348	5344
G 30.0	5196	5194	5194	5194	5194	5194	5194	5196	5196	5196	5196	5196	5194
G 35.0	5031	5027	5025	5026	5028	5028	5026	5028	5028	5026	5028	5028	5026
G 40.0	4847	4841	4841	4843	4843	4843	4843	4845	4848	4850	4848	4845	4843
G 45.0	4658	4653	4649	4648	4650	4651	4651	4659	4660	4651	4660	4659	4651
G 50.0	4449	4437	4438	4446	4442	4438	4442	4445	4447	4449	4447	4445	4442
G 55.0	4227	4219	4214	4212	4211	4214	4219	4219	4220	4223	4220	4219	4219
G 60.0	3977	3971	3967	3964	3961	3960	3964	3974	3978	3973	3978	3974	3964
G 65.0	3697	3691	3683	3677	3676	3678	3682	3688	3696	3702	3696	3688	3682
G 70.0	3376	3358	3349	3346	3341	3341	3346	3350	3355	3364	3355	3350	3346
G 75.0	2977	2956	2945	2941	2931	2926	2934	2949	2960	2963	2960	2949	2934
G 80.0	2450	2446	2432	2412	2400	2385	2374	2385	2401	2412	2401	2385	2374
G 85.0	1729	1689	1659	1631	1587	1537	1506	1511	1526	1533	1526	1511	1506
G 90.0	1010	992	976	957	925	879	824	768	724	691	724	768	824

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Source Flux	25524 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	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836	
G 5.0	5779	5779	5779	5777	5777	5779	5777	5777	5779	5779	5779	5779	5779	
G 10.0	5700	5700	5698	5697	5699	5700	5699	5697	5698	5700	5700	5700	5702	
G 15.0	5602	5603	5603	5601	5601	5603	5601	5601	5603	5603	5602	5600	5602	
G 20.0	5482	5483	5483	5483	5483	5483	5483	5483	5483	5483	5482	5480	5482	
G 25.0	5346	5346	5344	5343	5345	5349	5345	5343	5344	5346	5346	5344	5348	
G 30.0	5194	5194	5194	5194	5194	5196	5194	5194	5194	5194	5194	5194	5196	
G 35.0	5028	5028	5026	5025	5027	5031	5027	5025	5026	5028	5028	5026	5028	
G 40.0	4843	4843	4843	4841	4841	4847	4841	4841	4843	4843	4843	4843	4845	
G 45.0	4651	4650	4648	4649	4653	4658	4653	4649	4648	4650	4651	4651	4659	
G 50.0	4438	4442	4446	4438	4437	4449	4437	4438	4446	4442	4438	4442	4445	
G 55.0	4214	4211	4212	4214	4219	4227	4219	4214	4212	4211	4214	4219	4219	
G 60.0	3960	3961	3964	3967	3971	3977	3971	3967	3964	3961	3960	3964	3974	
G 65.0	3678	3676	3677	3683	3691	3697	3691	3683	3677	3676	3678	3682	3688	
G 70.0	3341	3341	3346	3349	3358	3376	3358	3349	3346	3341	3341	3346	3350	
G 75.0	2926	2931	2941	2945	2956	2977	2956	2945	2941	2931	2926	2934	2949	
G 80.0	2385	2400	2412	2432	2446	2450	2446	2432	2412	2400	2385	2374	2385	
G 85.0	1537	1587	1631	1659	1689	1729	1689	1659	1631	1587	1537	1506	1511	
G 90.0	879	925	957	976	992	1010	992	976	957	925	879	824	768	

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Source Flux	25524 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	5836	5836	5836	5836	5836	5836	5836	5836	5836	5836	
G 5.0	5778	5777	5778	5779	5779	5779	5779	5779	5777	5777	
G 10.0	5703	5700	5703	5702	5700	5700	5700	5698	5697	5699	
G 15.0	5603	5600	5603	5602	5600	5602	5603	5603	5601	5601	
G 20.0	5483	5483	5483	5482	5480	5482	5483	5483	5483	5483	
G 25.0	5350	5347	5350	5348	5344	5346	5346	5344	5343	5345	
G 30.0	5196	5196	5196	5196	5194	5194	5194	5194	5194	5194	
G 35.0	5028	5026	5028	5028	5026	5028	5028	5026	5025	5027	
G 40.0	4848	4850	4848	4845	4843	4843	4843	4843	4841	4841	
G 45.0	4660	4651	4660	4659	4651	4651	4650	4648	4649	4653	
G 50.0	4447	4449	4447	4445	4442	4438	4442	4446	4438	4437	
G 55.0	4220	4223	4220	4219	4219	4214	4211	4212	4214	4219	
G 60.0	3978	3973	3978	3974	3964	3960	3961	3964	3967	3971	
G 65.0	3696	3702	3696	3688	3682	3678	3676	3677	3683	3691	
G 70.0	3355	3364	3355	3350	3346	3341	3341	3346	3349	3358	
G 75.0	2960	2963	2960	2949	2934	2926	2931	2941	2945	2956	
G 80.0	2401	2412	2401	2385	2374	2385	2400	2412	2432	2446	
G 85.0	1526	1533	1526	1511	1506	1537	1587	1631	1659	1689	
G 90.0	724	691	724	768	824	879	925	957	976	992	