

Luminaire

Code 90619L900

Name ROFY 85 D0900 LIGHT+ 840 HO

Measurem.

Code 4/8/2023

Name ROFY 85 D0900 LIGHT+ 840 HO

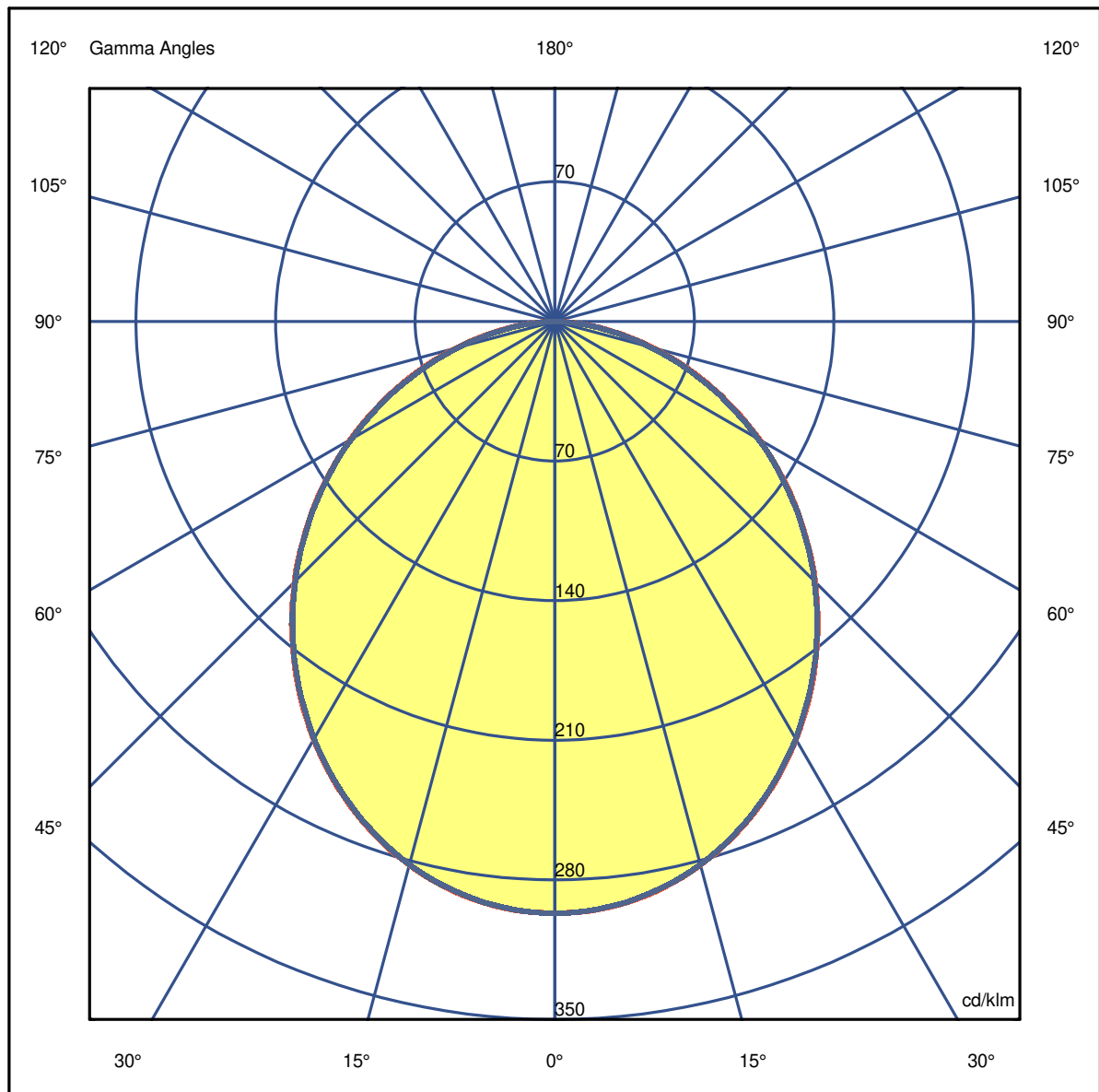
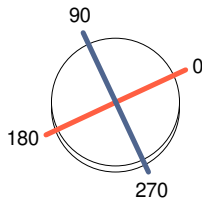
Luminaire Flux	9774 lm	Luminaire Power	64.9 W	Efficacy	150.562 lm/W	Efficiency	79.57%
Source Flux	12284 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



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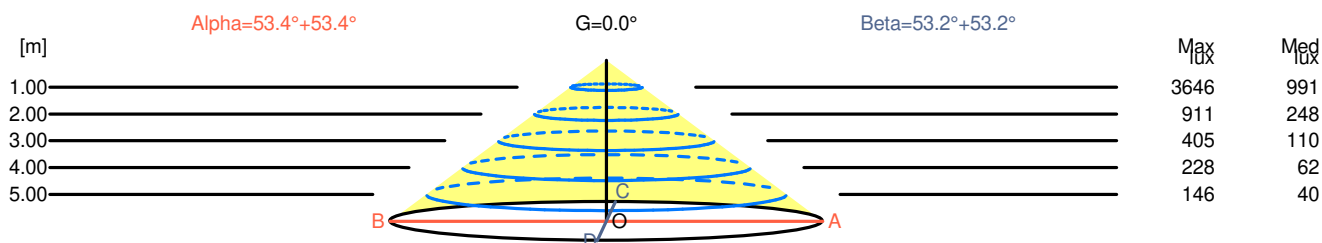
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Source Flux	12284 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.34	2.69	4.03	5.38	6.72	OC	1.34	2.67	4.01	5.35	6.68
OB	1.34	2.69	4.03	5.38	6.72	OD	1.34	2.67	4.01	5.35	6.68

	0	5	15	25	35	45	55	65	75	85
OA	3645.89	3625.01	3464.09	3165.59	2754.07	2268.85	1732.04	1173.12	624.03	153.55
OB	3645.89	3625.01	3464.09	3165.59	2754.07	2268.85	1732.04	1173.12	624.03	153.55
OC	3645.89	3621.32	3461.63	3158.22	2749.16	2261.48	1724.67	1163.29	608.06	141.27
OD	3645.89	3621.32	3461.63	3158.22	2749.16	2261.48	1724.67	1163.29	608.06	141.27



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0
1.00	2.69	3646	991		
2.00	5.38	911	248		
3.00	8.07	405	110		
4.00	10.76	228	62		
5.00	13.44	146	40		

H[m]	D[m]	Max lux	Med lux	Beta=53.2°+53.2°	G=0.0
1.00	2.67	3646	991		
2.00	5.35	911	248		
3.00	8.02	405	110		
4.00	10.69	228	62		
5.00	13.36	146	40		

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Source Flux	12284 lm	Maximum value	296.80 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	17.6	18.9	17.9	19.1	19.4	17.6	18.9	17.9	19.1	19.3
x=2H y=3H	19.0	20.1	19.3	20.4	20.7	18.9	20.1	19.2	20.4	20.7
x=2H y=4H	19.5	20.6	19.8	20.9	21.2	19.4	20.5	19.8	20.8	21.1
x=2H y=6H	19.8	20.8	20.2	21.1	21.4	19.7	20.8	20.1	21.1	21.4
x=2H y=8H	19.9	20.9	20.3	21.2	21.5	19.8	20.8	20.2	21.1	21.5
x=2H y=12H	19.9	20.9	20.3	21.2	21.6	19.8	20.8	20.2	21.1	21.5
x=4H y=2H	18.2	19.3	18.5	19.6	19.9	18.2	19.3	18.5	19.6	19.9
x=4H y=3H	19.8	20.7	20.1	21.0	21.4	19.7	20.7	20.1	21.0	21.3
x=4H y=4H	20.4	21.2	20.8	21.6	22.0	20.3	21.2	20.7	21.5	21.9
x=4H y=6H	20.8	21.6	21.3	21.9	22.4	20.8	21.5	21.2	21.9	22.3
x=4H y=8H	21.0	21.6	21.4	22.0	22.5	20.9	21.5	21.3	22.0	22.4
x=4H y=12H	21.0	21.6	21.5	22.1	22.5	20.9	21.5	21.4	22.0	22.4
x=8H y=4H	20.6	21.3	21.1	21.7	22.1	20.6	21.3	21.0	21.7	22.1
x=8H y=6H	21.2	21.7	21.7	22.2	22.6	21.1	21.7	21.6	22.1	22.5
x=8H y=8H	21.4	21.8	21.8	22.3	22.8	21.3	21.7	21.7	22.2	22.7
x=8H y=12H	21.5	21.9	22.0	22.4	22.9	21.4	21.8	21.9	22.3	22.8
x=12H y=4H	20.6	21.2	21.1	21.7	22.1	20.6	21.2	21.0	21.6	22.0
x=12H y=6H	21.2	21.7	21.7	22.1	22.6	21.1	21.6	21.6	22.1	22.5
x=12H y=8H	21.4	21.9	21.9	22.3	22.8	21.3	21.8	21.8	22.2	22.7

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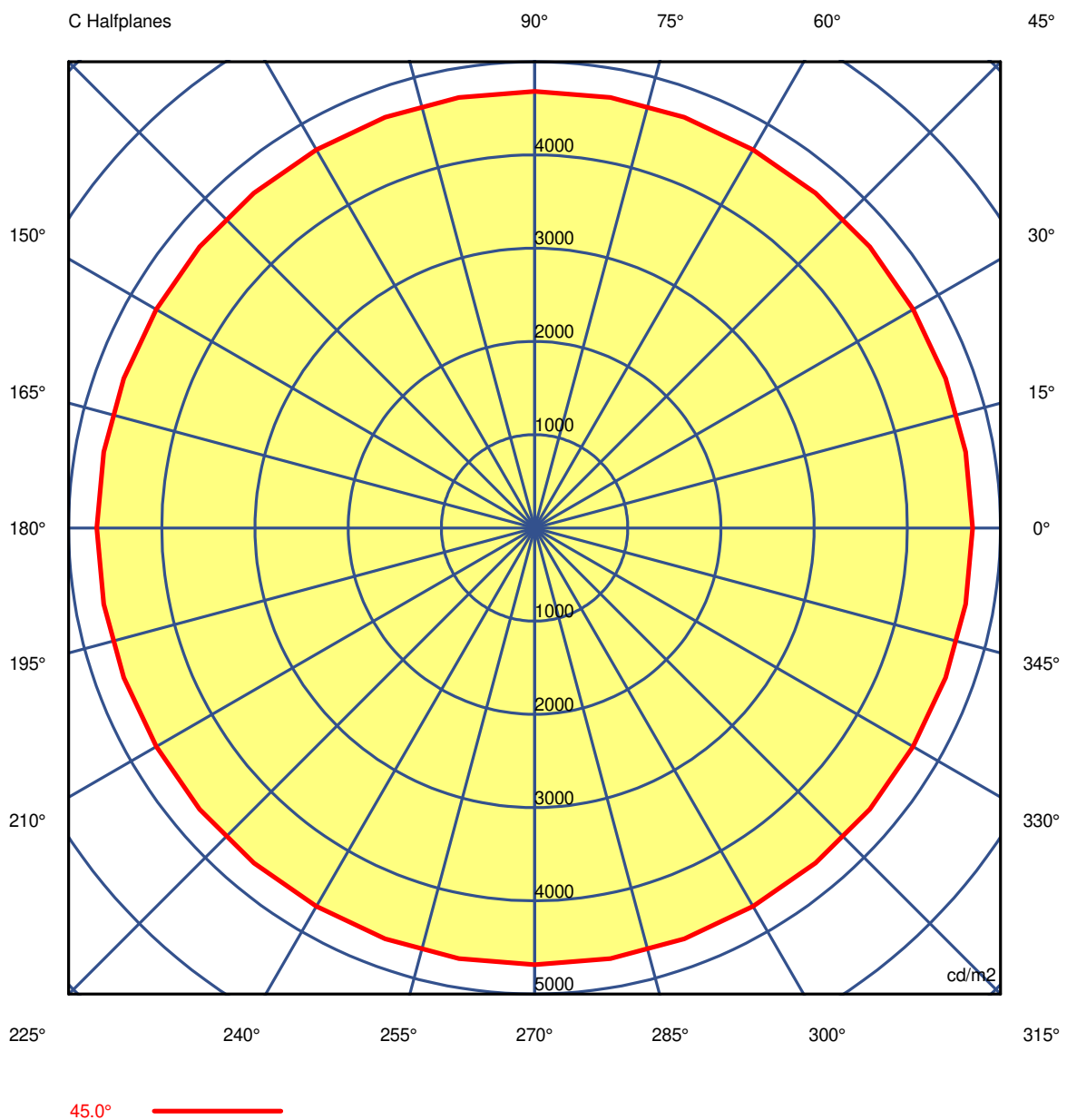
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Luminaire Flux	9774 lm	Luminaire Power	64.9 W	Efficacy	150.562 lm/W	Efficiency	79.57%
Source Flux	12284 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measurement

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Luminaire Flux	9774 lm		Luminaire Power		64.9 W		Efficacy		150.562 lm/W		Efficiency		79.57%	
Source Flux	12284 lm		Maximum value		296.80 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	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994	
G 5.0	5919	5919	5919	5919	5921	5921	5919	5921	5920	5913	5920	5921	5919	
G 10.0	5825	5827	5826	5823	5824	5826	5827	5827	5823	5817	5823	5827	5827	
G 15.0	5708	5711	5713	5712	5711	5711	5712	5712	5709	5704	5709	5712	5712	
G 20.0	5579	5581	5580	5577	5577	5577	5577	5577	5575	5569	5575	5577	5577	
G 25.0	5431	5430	5429	5429	5429	5429	5427	5426	5423	5419	5423	5426	5427	
G 30.0	5267	5267	5266	5265	5267	5266	5263	5265	5265	5261	5265	5265	5263	
G 35.0	5090	5090	5089	5087	5087	5087	5085	5085	5084	5080	5084	5085	5085	
G 40.0	4899	4899	4898	4894	4896	4896	4894	4894	4893	4887	4893	4894	4894	
G 45.0	4698	4697	4693	4690	4693	4690	4685	4689	4689	4683	4689	4689	4685	
G 50.0	4472	4470	4471	4472	4469	4465	4464	4463	4460	4456	4460	4463	4464	
G 55.0	4223	4223	4222	4217	4214	4215	4217	4214	4209	4205	4209	4214	4217	
G 60.0	3949	3945	3942	3939	3935	3932	3929	3925	3921	3919	3921	3925	3929	
G 65.0	3611	3609	3606	3604	3602	3598	3593	3590	3587	3581	3587	3590	3593	
G 70.0	3222	3212	3208	3204	3193	3182	3178	3175	3171	3165	3171	3175	3178	
G 75.0	2717	2714	2710	2701	2683	2667	2658	2654	2651	2648	2651	2654	2658	
G 80.0	2083	2080	2070	2056	2043	2023	2001	1995	1991	1980	1991	1995	2001	
G 85.0	1204	1214	1207	1185	1165	1145	1127	1119	1115	1108	1115	1119	1127	
G 90.0	197	184	181	181	181	181	181	181	181	181	181	181	181	

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Source Flux	12284 lm		Maximum value		296.80 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	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994	
G 5.0	5921	5921	5919	5919	5919	5919	5919	5919	5919	5921	5921	5919	5921	
G 10.0	5826	5824	5823	5826	5827	5825	5827	5826	5823	5824	5826	5827	5827	
G 15.0	5711	5711	5712	5713	5711	5708	5711	5713	5712	5711	5711	5712	5712	
G 20.0	5577	5577	5577	5580	5581	5579	5581	5580	5577	5577	5577	5577	5577	
G 25.0	5429	5429	5429	5429	5430	5431	5430	5429	5429	5429	5429	5427	5426	
G 30.0	5266	5267	5265	5266	5267	5267	5267	5266	5265	5267	5266	5263	5265	
G 35.0	5087	5087	5087	5089	5090	5090	5090	5089	5087	5087	5087	5085	5085	
G 40.0	4896	4896	4894	4898	4899	4899	4899	4898	4894	4896	4896	4894	4894	
G 45.0	4690	4693	4690	4693	4697	4698	4697	4693	4690	4693	4690	4685	4689	
G 50.0	4465	4469	4472	4471	4470	4472	4470	4471	4472	4469	4465	4464	4463	
G 55.0	4215	4214	4217	4222	4223	4223	4223	4222	4217	4214	4215	4217	4214	
G 60.0	3932	3935	3939	3942	3945	3949	3945	3942	3939	3935	3932	3929	3925	
G 65.0	3598	3602	3604	3606	3609	3611	3609	3606	3604	3602	3598	3593	3590	
G 70.0	3182	3193	3204	3208	3212	3222	3212	3208	3204	3193	3182	3178	3175	
G 75.0	2667	2683	2701	2710	2714	2717	2714	2710	2701	2683	2667	2658	2654	
G 80.0	2023	2043	2056	2070	2080	2083	2080	2070	2056	2043	2023	2001	1995	
G 85.0	1145	1165	1185	1207	1214	1204	1214	1207	1185	1165	1145	1127	1119	
G 90.0	181	181	181	181	184	197	184	181	181	181	181	181	181	

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Source Flux	12284 lm	Maximum value	296.80 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	5994	5994	5994	5994	5994	5994	5994	5994	5994	5994
G 5.0	5920	5913	5920	5921	5919	5921	5921	5919	5919	5919
G 10.0	5823	5817	5823	5827	5827	5826	5824	5823	5826	5827
G 15.0	5709	5704	5709	5712	5712	5711	5711	5712	5713	5711
G 20.0	5575	5569	5575	5577	5577	5577	5577	5577	5580	5581
G 25.0	5423	5419	5423	5426	5427	5429	5429	5429	5429	5430
G 30.0	5265	5261	5265	5265	5263	5266	5267	5265	5266	5267
G 35.0	5084	5080	5084	5085	5085	5087	5087	5087	5089	5090
G 40.0	4893	4887	4893	4894	4894	4896	4896	4894	4898	4899
G 45.0	4689	4683	4689	4689	4685	4690	4693	4690	4693	4697
G 50.0	4460	4456	4460	4463	4464	4465	4469	4472	4471	4470
G 55.0	4209	4205	4209	4214	4217	4215	4214	4217	4222	4223
G 60.0	3921	3919	3921	3925	3929	3932	3935	3939	3942	3945
G 65.0	3587	3581	3587	3590	3593	3598	3602	3604	3606	3609
G 70.0	3171	3165	3171	3175	3178	3182	3193	3204	3208	3212
G 75.0	2651	2648	2651	2654	2658	2667	2683	2701	2710	2714
G 80.0	1991	1980	1991	1995	2001	2023	2043	2056	2070	2080
G 85.0	1115	1108	1115	1119	1127	1145	1165	1185	1207	1214
G 90.0	181	181	181	181	181	181	181	181	181	184