

Luminaire

Code 90585L900

Name ROFY 60 D0900 LIGHT+ 840 HO

Measurem.

Code 4/8/2023

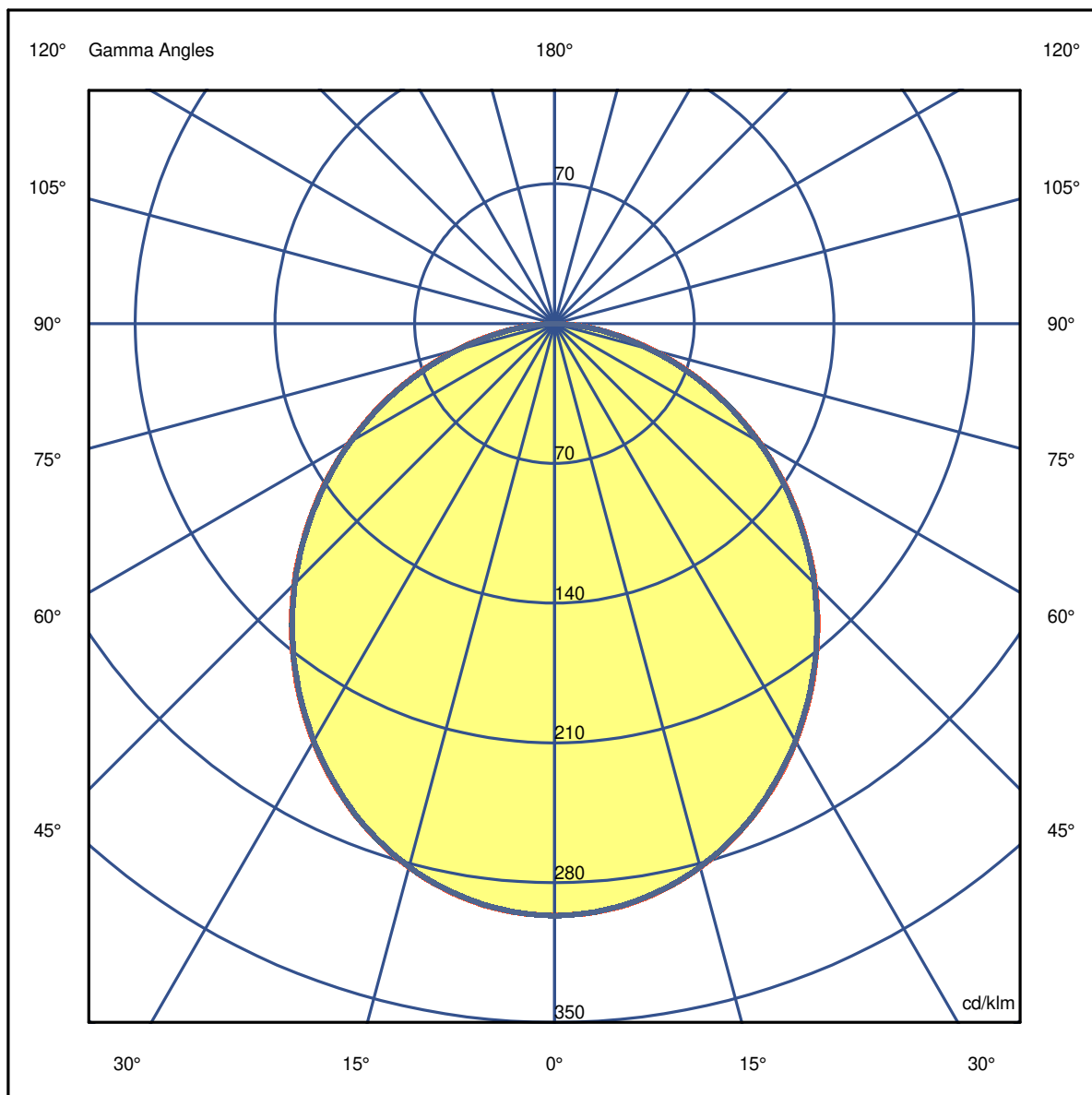
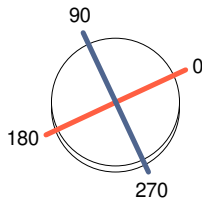
Name ROFY 60 D0900 LIGHT+ 840 HO

Luminaire Flux	9764 lm	Luminaire Power	64.9 W	Efficacy	150.408 lm/W	Efficiency	79.49%
Source Flux	12284 lm	Maximum value	296.50 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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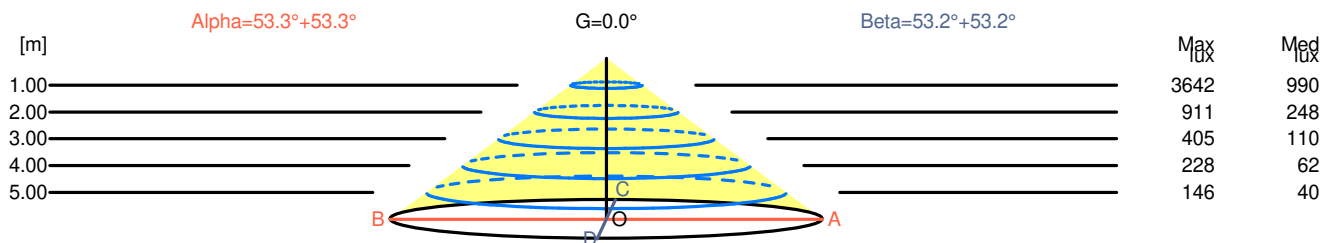
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Width at 50.00 % of Max Intensity

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	3642.21	3621.32	3461.63	3163.13	2751.62	2266.40	1730.82	1171.89	622.80	153.55
OB	3642.21	3621.32	3461.63	3163.13	2751.62	2266.40	1730.82	1171.89	622.80	153.55
OC	3642.21	3617.64	3459.17	3154.53	2746.70	2260.26	1722.22	1162.07	608.06	141.27
OD	3642.21	3617.64	3459.17	3154.53	2746.70	2260.26	1722.22	1162.07	608.06	141.27



H[m]	D[m]	Max lux	Med lux	Alpha=53.3°+53.3°	G=0.0
1.00	2.69	3642	990		
2.00	5.38	911	248		
3.00	8.06	405	110		
4.00	10.75	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	3642	990		
2.00	5.35	911	248		
3.00	8.02	405	110		
4.00	10.69	228	62		
5.00	13.37	146	40		

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Source Flux	12284 lm	Maximum value	296.50 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	19.3	17.6	18.9	17.8	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	20.6
x=2H y=4H	19.5	20.6	19.8	20.9	21.1	19.4	20.5	19.7	20.8	21.1
x=2H y=6H	19.8	20.8	20.2	21.2	21.5	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	21.4
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	21.9	20.3	21.2	20.7	21.5	21.9
x=4H y=6H	20.8	21.6	21.3	21.9	22.3	20.7	21.5	21.2	21.9	22.3
x=4H y=8H	21.0	21.6	21.4	22.0	22.4	20.9	21.5	21.3	21.9	22.3
x=4H y=12H	21.0	21.6	21.5	22.0	22.5	20.9	21.5	21.4	21.9	22.4
x=8H y=4H	20.6	21.3	21.1	21.7	22.1	20.6	21.2	21.0	21.6	22.1
x=8H y=6H	21.2	21.7	21.6	22.2	22.6	21.1	21.6	21.6	22.1	22.5
x=8H y=8H	21.4	21.9	21.9	22.3	22.8	21.3	21.8	21.8	22.2	22.7
x=8H y=12H	21.5	21.9	22.0	22.4	22.9	21.4	21.8	21.8	22.3	22.8
x=12H y=4H	20.6	21.2	21.1	21.6	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	22.6
x=12H y=8H	21.4	21.8	21.9	22.3	22.8	21.3	21.8	21.8	22.2	22.7

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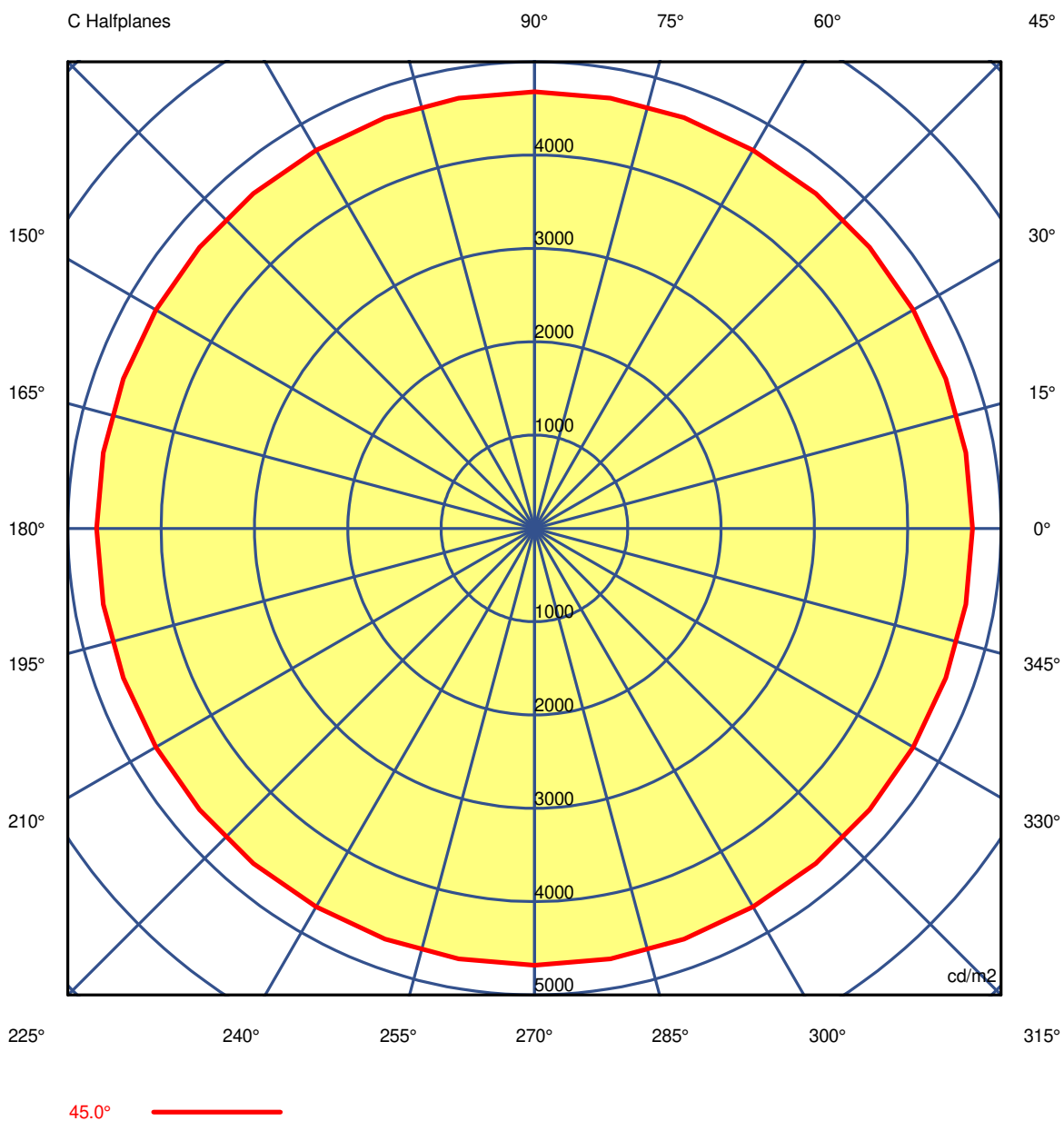
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Luminaire Flux	9764 lm	Luminaire Power	64.9 W	Efficacy	150.408 lm/W	Efficiency	79.49%
Source Flux	12284 lm	Maximum value	296.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Source Flux	12284 lm		Maximum value		296.50 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	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988
G 5.0	5913	5913	5913	5913	5915	5915	5913	5915	5914	5907	5914	5915	5913	5913
G 10.0	5819	5821	5820	5817	5818	5820	5821	5821	5817	5811	5817	5821	5821	5821
G 15.0	5704	5706	5707	5706	5705	5705	5706	5705	5703	5700	5703	5705	5705	5706
G 20.0	5573	5575	5574	5571	5572	5572	5571	5573	5571	5565	5571	5573	5571	5571
G 25.0	5427	5426	5424	5423	5423	5423	5423	5422	5419	5412	5419	5422	5423	5423
G 30.0	5263	5262	5260	5259	5262	5262	5259	5259	5258	5257	5258	5259	5259	5259
G 35.0	5085	5083	5083	5083	5083	5082	5080	5079	5077	5076	5077	5079	5080	5080
G 40.0	4894	4894	4893	4890	4891	4892	4890	4890	4888	4883	4888	4890	4890	4890
G 45.0	4693	4692	4688	4685	4687	4686	4683	4684	4684	4680	4684	4684	4683	4683
G 50.0	4470	4467	4467	4467	4463	4461	4461	4458	4454	4450	4454	4458	4461	4461
G 55.0	4220	4218	4216	4214	4212	4211	4211	4210	4206	4199	4206	4210	4211	4211
G 60.0	3946	3941	3938	3936	3932	3928	3926	3922	3918	3916	3918	3922	3926	3926
G 65.0	3608	3605	3604	3604	3599	3593	3589	3586	3583	3577	3583	3586	3589	3589
G 70.0	3218	3208	3203	3200	3188	3178	3174	3171	3167	3160	3167	3171	3174	3174
G 75.0	2712	2712	2708	2696	2682	2666	2653	2653	2651	2648	2651	2653	2653	2653
G 80.0	2083	2080	2070	2056	2044	2021	1994	1994	1992	1980	1992	1994	1994	1994
G 85.0	1204	1216	1203	1175	1162	1147	1127	1119	1115	1108	1115	1119	1127	1127
G 90.0	197	184	181	181	181	181	181	181	181	181	181	181	181	181

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Source Flux	12284 lm		Maximum value		296.50 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	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988	
G 5.0	5915	5915	5913	5913	5913	5913	5913	5913	5913	5915	5915	5913	5915	
G 10.0	5820	5818	5817	5820	5821	5819	5821	5820	5817	5818	5820	5821	5821	
G 15.0	5705	5705	5706	5707	5706	5704	5706	5707	5706	5705	5705	5706	5705	
G 20.0	5572	5572	5571	5574	5575	5573	5575	5574	5571	5572	5572	5571	5573	
G 25.0	5423	5423	5423	5424	5426	5427	5426	5424	5423	5423	5423	5423	5422	
G 30.0	5262	5262	5259	5260	5262	5263	5262	5260	5259	5262	5262	5259	5259	
G 35.0	5082	5083	5083	5083	5083	5085	5083	5083	5083	5083	5082	5080	5079	
G 40.0	4892	4891	4890	4893	4894	4894	4894	4893	4890	4891	4892	4890	4890	
G 45.0	4686	4687	4685	4688	4692	4693	4692	4688	4685	4687	4686	4683	4684	
G 50.0	4461	4463	4467	4467	4467	4470	4467	4467	4467	4463	4461	4461	4458	
G 55.0	4211	4212	4214	4216	4218	4220	4218	4216	4214	4212	4211	4211	4210	
G 60.0	3928	3932	3936	3938	3941	3946	3941	3938	3936	3932	3928	3926	3922	
G 65.0	3593	3599	3604	3604	3605	3608	3605	3604	3604	3599	3593	3589	3586	
G 70.0	3178	3188	3200	3203	3208	3218	3208	3203	3200	3188	3178	3174	3171	
G 75.0	2666	2682	2696	2708	2712	2712	2712	2708	2696	2682	2666	2653	2653	
G 80.0	2021	2044	2056	2070	2080	2083	2080	2070	2056	2044	2021	1994	1994	
G 85.0	1147	1162	1175	1203	1216	1204	1216	1203	1175	1162	1147	1127	1119	
G 90.0	181	181	181	181	184	197	184	181	181	181	181	181	181	

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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	5988	5988	5988	5988	5988	5988	5988	5988	5988	5988
G 5.0	5914	5907	5914	5915	5913	5915	5915	5913	5913	5913
G 10.0	5817	5811	5817	5821	5821	5820	5818	5817	5820	5821
G 15.0	5703	5700	5703	5705	5706	5705	5705	5706	5707	5706
G 20.0	5571	5565	5571	5573	5571	5572	5572	5571	5574	5575
G 25.0	5419	5412	5419	5422	5423	5423	5423	5423	5424	5426
G 30.0	5258	5257	5258	5259	5259	5262	5262	5259	5260	5262
G 35.0	5077	5076	5077	5079	5080	5082	5083	5083	5083	5083
G 40.0	4888	4883	4888	4890	4890	4892	4891	4890	4893	4894
G 45.0	4684	4680	4684	4684	4683	4686	4687	4685	4688	4692
G 50.0	4454	4450	4454	4458	4461	4461	4463	4467	4467	4467
G 55.0	4206	4199	4206	4210	4211	4211	4212	4214	4216	4218
G 60.0	3918	3916	3918	3922	3926	3928	3932	3936	3938	3941
G 65.0	3583	3577	3583	3586	3589	3593	3599	3604	3604	3605
G 70.0	3167	3160	3167	3171	3174	3178	3188	3200	3203	3208
G 75.0	2651	2648	2651	2653	2653	2666	2682	2696	2708	2712
G 80.0	1992	1980	1992	1994	1994	2021	2044	2056	2070	2080
G 85.0	1115	1108	1115	1119	1127	1147	1162	1175	1203	1216
G 90.0	181	181	181	181	181	181	181	181	181	184