

Luminaire

Code 90619L115
Name ROFY 85 D1150 LIGHT+ 840 HO

Measurem.

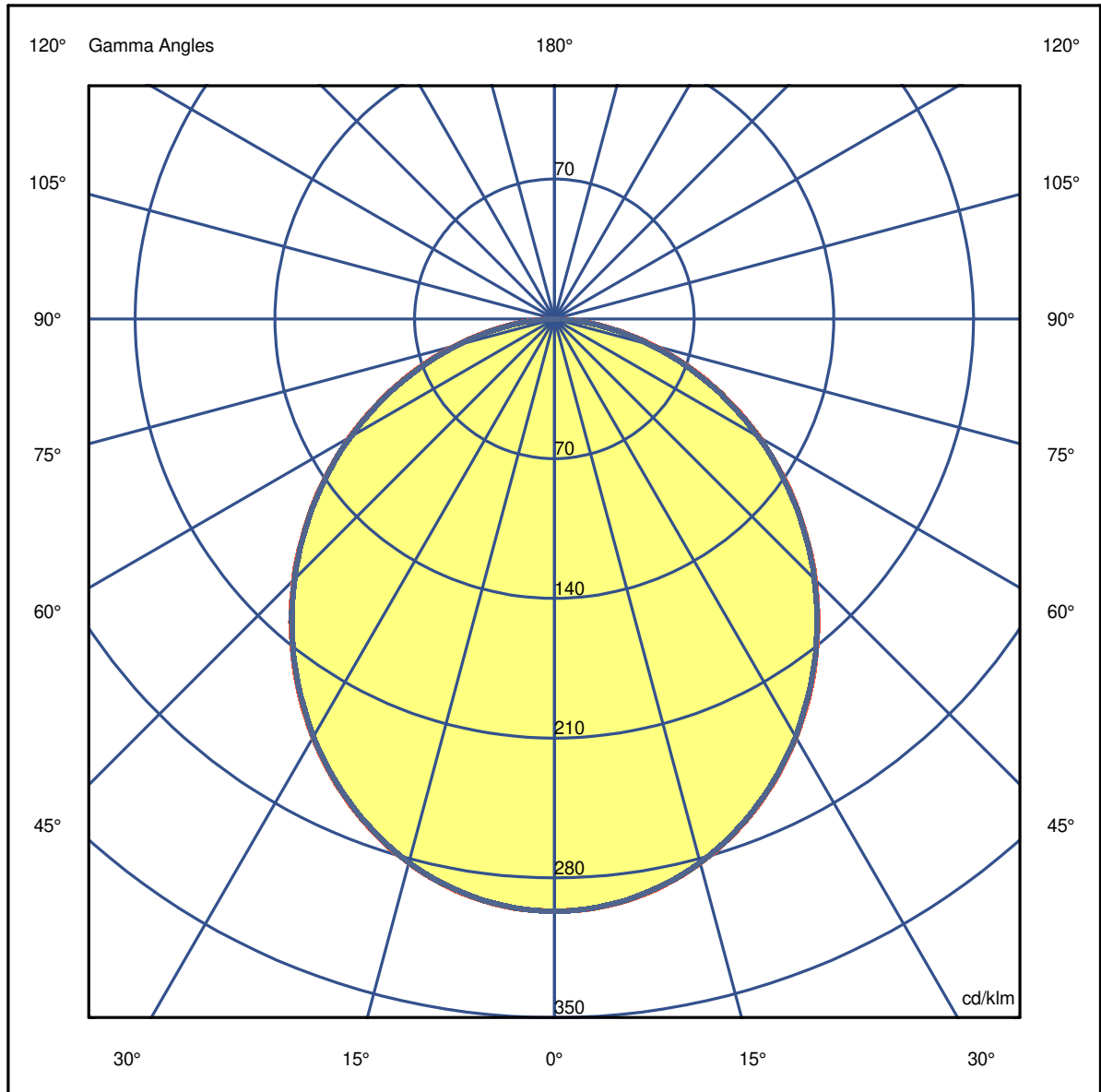
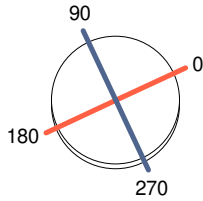
Code 4/8/2023
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Luminaire Flux	15949 lm	Luminaire Power	106.6 W	Efficacy	149.603 lm/W	Efficiency	79.57%
Source Flux	20044 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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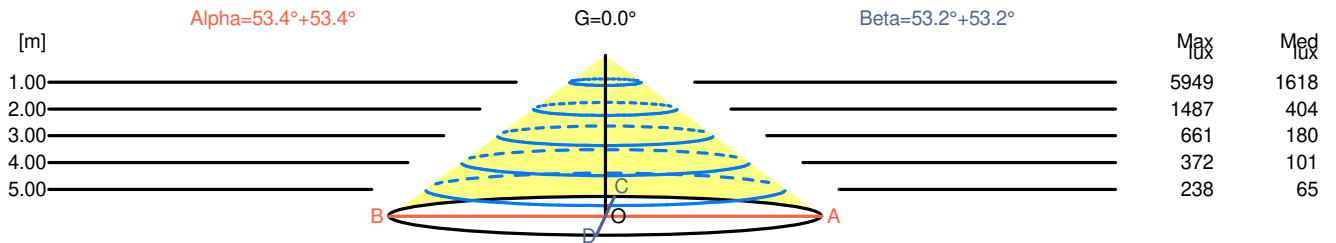
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Width at 50.00 % of Max Intensity

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	1.34	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

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	5949.06	5914.98	5652.41	5165.34	4493.86	3702.13	2826.20	1914.20	1018.24	250.55
OB	5949.06	5914.98	5652.41	5165.34	4493.86	3702.13	2826.20	1914.20	1018.24	250.55
OC	5949.06	5908.97	5648.40	5153.31	4485.85	3690.10	2814.18	1898.17	992.18	230.51
OD	5949.06	5908.97	5648.40	5153.31	4485.85	3690.10	2814.18	1898.17	992.18	230.51



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0
1.00	2.69	5949	1618		
2.00	5.38	1487	404		
3.00	8.07	661	180		
4.00	10.76	372	101		
5.00	13.44	238	65		

H[m]	D[m]	Max lux	Med lux	Beta=53.2°+53.2°	G=0.0
1.00	2.67	5949	1618		
2.00	5.35	1487	404		
3.00	8.02	661	180		
4.00	10.69	372	101		
5.00	13.36	238	65		

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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	17.7	19.0	18.0	19.2	19.4	17.6	19.0	18.0	19.2	19.4
x=2H y=3H	19.1	20.3	19.4	20.5	20.8	19.0	20.2	19.4	20.5	20.8
x=2H y=4H	19.6	20.7	19.9	21.0	21.3	19.5	20.6	19.9	20.9	21.2
x=2H y=6H	20.0	21.0	20.3	21.3	21.6	19.9	20.9	20.2	21.2	21.5
x=2H y=8H	20.1	21.0	20.4	21.4	21.7	20.0	20.9	20.3	21.3	21.6
x=2H y=12H	20.1	21.0	20.5	21.4	21.7	20.0	20.9	20.4	21.3	21.6
x=4H y=2H	18.3	19.4	18.6	19.7	20.0	18.3	19.4	18.6	19.7	19.9
x=4H y=3H	19.9	20.8	20.2	21.1	21.5	19.8	20.8	20.2	21.1	21.5
x=4H y=4H	20.5	21.4	20.9	21.7	22.1	20.5	21.3	20.9	21.7	22.0
x=4H y=6H	21.0	21.7	21.4	22.1	22.5	20.9	21.6	21.3	22.0	22.4
x=4H y=8H	21.1	21.8	21.6	22.2	22.6	21.0	21.7	21.5	22.1	22.5
x=4H y=12H	21.2	21.8	21.6	22.2	22.7	21.1	21.7	21.5	22.1	22.5
x=8H y=4H	20.8	21.4	21.2	21.8	22.3	20.7	21.4	21.2	21.8	22.2
x=8H y=6H	21.3	21.9	21.8	22.3	22.8	21.3	21.8	21.7	22.3	22.7
x=8H y=8H	21.5	22.0	22.0	22.5	23.0	21.4	21.9	21.9	22.4	22.9
x=8H y=12H	21.7	22.1	22.2	22.6	23.1	21.6	22.0	22.0	22.4	22.9
x=12H y=4H	20.8	21.4	21.2	21.8	22.2	20.7	21.3	21.2	21.8	22.2
x=12H y=6H	21.4	21.9	21.9	22.3	22.8	21.3	21.8	21.8	22.2	22.7
x=12H y=8H	21.6	22.0	22.1	22.5	23.0	21.5	21.9	22.0	22.4	22.9

Luminaire

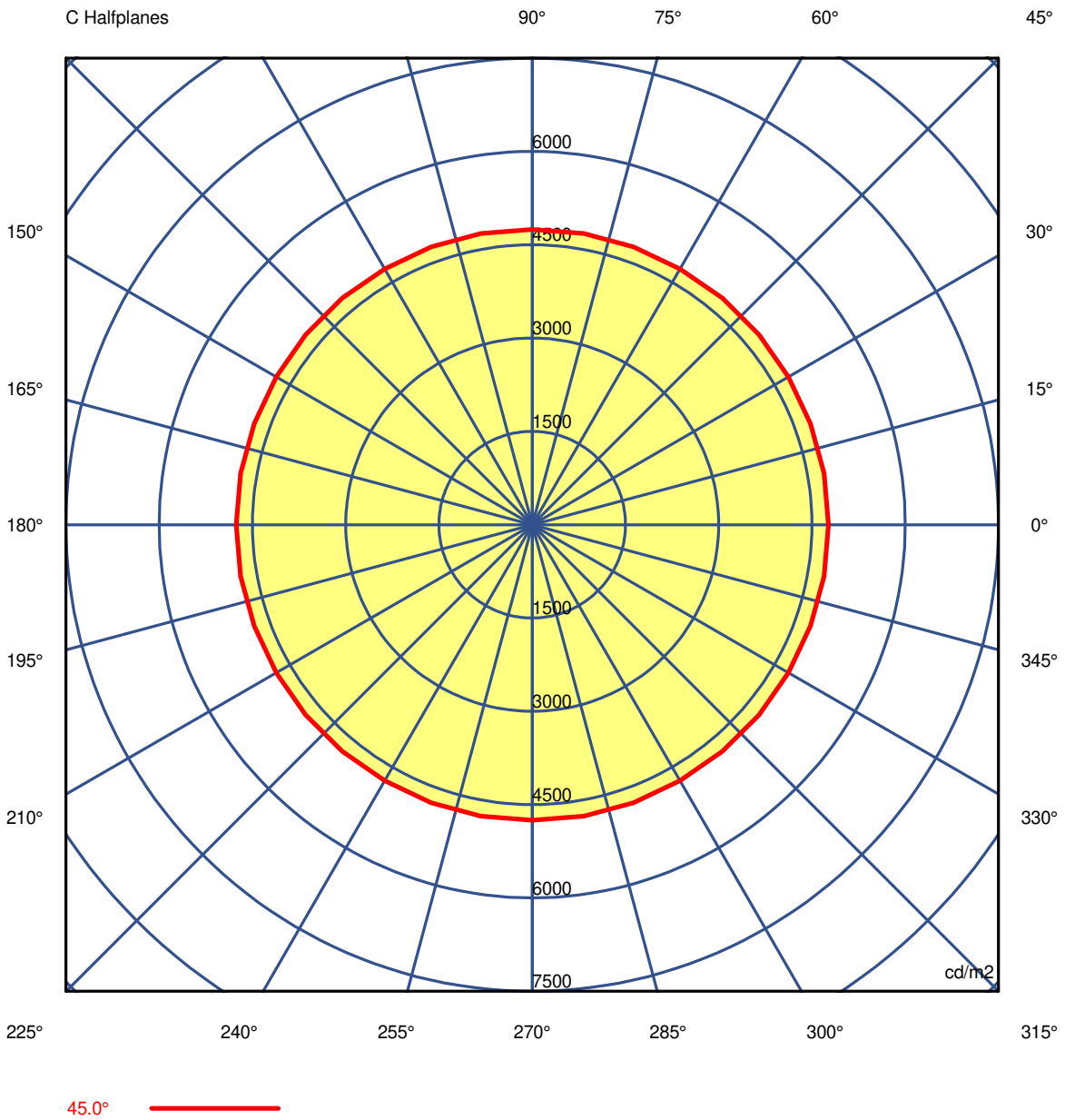
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Source Flux	20044 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	20044 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	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932
G 5.0	5871	5871	5871	5871	5873	5873	5871	5873	5872	5865	5872	5873	5871
G 10.0	5792	5794	5793	5790	5791	5793	5794	5793	5790	5784	5790	5793	5794
G 15.0	5689	5692	5694	5693	5691	5692	5693	5692	5689	5685	5689	5692	5693
G 20.0	5574	5576	5575	5572	5572	5572	5572	5572	5570	5564	5570	5572	5572
G 25.0	5440	5438	5438	5438	5438	5437	5436	5435	5432	5427	5432	5435	5436
G 30.0	5290	5290	5289	5288	5290	5289	5286	5287	5287	5284	5287	5287	5286
G 35.0	5126	5126	5126	5124	5124	5123	5122	5122	5121	5117	5121	5122	5122
G 40.0	4951	4951	4949	4946	4948	4948	4946	4946	4944	4939	4944	4946	4946
G 45.0	4764	4763	4760	4757	4759	4757	4751	4755	4756	4749	4756	4755	4751
G 50.0	4555	4552	4553	4555	4551	4548	4546	4545	4542	4538	4542	4545	4546
G 55.0	4322	4322	4320	4316	4313	4314	4316	4312	4307	4304	4307	4312	4316
G 60.0	4066	4061	4058	4056	4051	4048	4046	4041	4037	4035	4037	4041	4046
G 65.0	3747	3744	3742	3739	3737	3733	3727	3725	3721	3715	3721	3725	3727
G 70.0	3377	3367	3362	3359	3347	3336	3331	3328	3324	3317	3324	3328	3331
G 75.0	2890	2886	2882	2873	2854	2837	2827	2823	2820	2816	2820	2823	2827
G 80.0	2267	2264	2253	2238	2224	2202	2178	2172	2167	2156	2167	2172	2178
G 85.0	1368	1380	1372	1347	1325	1302	1281	1272	1267	1259	1267	1272	1281
G 90.0	250	234	230	230	230	230	230	230	230	230	230	230	230

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Source Flux	20044 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	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932
G 5.0	5873	5873	5871	5871	5871	5871	5871	5871	5871	5873	5873	5871	5873
G 10.0	5793	5791	5790	5793	5794	5792	5794	5793	5790	5791	5793	5794	5793
G 15.0	5692	5691	5693	5694	5692	5689	5692	5694	5693	5691	5692	5693	5692
G 20.0	5572	5572	5572	5575	5576	5574	5576	5575	5572	5572	5572	5572	5572
G 25.0	5437	5438	5438	5438	5438	5440	5438	5438	5438	5438	5437	5436	5435
G 30.0	5289	5290	5288	5289	5290	5290	5289	5289	5288	5290	5289	5286	5287
G 35.0	5123	5124	5124	5126	5126	5126	5126	5126	5124	5124	5123	5122	5122
G 40.0	4948	4948	4946	4949	4951	4951	4951	4949	4946	4948	4948	4946	4946
G 45.0	4757	4759	4757	4760	4763	4764	4763	4760	4757	4759	4757	4751	4755
G 50.0	4548	4551	4555	4553	4552	4555	4552	4553	4555	4551	4548	4546	4545
G 55.0	4314	4313	4316	4320	4322	4322	4322	4320	4316	4313	4314	4316	4312
G 60.0	4048	4051	4056	4058	4061	4066	4061	4058	4056	4051	4048	4046	4041
G 65.0	3733	3737	3739	3742	3744	3747	3744	3742	3739	3737	3733	3727	3725
G 70.0	3336	3347	3359	3362	3367	3377	3367	3362	3359	3347	3336	3331	3328
G 75.0	2837	2854	2873	2882	2886	2890	2886	2882	2873	2854	2837	2827	2823
G 80.0	2202	2224	2238	2253	2264	2267	2264	2253	2238	2224	2202	2178	2172
G 85.0	1302	1325	1347	1372	1380	1368	1380	1372	1347	1325	1302	1281	1272
G 90.0	230	230	230	230	234	250	234	230	230	230	230	230	230

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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	5932	5932	5932	5932	5932	5932	5932	5932	5932	5932
G 5.0	5872	5865	5872	5873	5871	5873	5873	5871	5871	5871
G 10.0	5790	5784	5790	5793	5794	5793	5791	5790	5793	5794
G 15.0	5689	5685	5689	5692	5693	5692	5691	5693	5694	5692
G 20.0	5570	5564	5570	5572	5572	5572	5572	5572	5575	5576
G 25.0	5432	5427	5432	5435	5436	5437	5438	5438	5438	5438
G 30.0	5287	5284	5287	5287	5286	5289	5290	5288	5289	5290
G 35.0	5121	5117	5121	5122	5122	5123	5124	5124	5126	5126
G 40.0	4944	4939	4944	4946	4946	4948	4948	4946	4949	4951
G 45.0	4756	4749	4756	4755	4751	4757	4759	4757	4760	4763
G 50.0	4542	4538	4542	4545	4546	4548	4551	4555	4553	4552
G 55.0	4307	4304	4307	4312	4316	4314	4313	4316	4320	4322
G 60.0	4037	4035	4037	4041	4046	4048	4051	4056	4058	4061
G 65.0	3721	3715	3721	3725	3727	3733	3737	3739	3742	3744
G 70.0	3324	3317	3324	3328	3331	3336	3347	3359	3362	3367
G 75.0	2820	2816	2820	2823	2827	2837	2854	2873	2882	2886
G 80.0	2167	2156	2167	2172	2178	2202	2224	2238	2253	2264
G 85.0	1267	1259	1267	1272	1281	1302	1325	1347	1372	1380
G 90.0	230	230	230	230	230	230	230	230	230	234