

Luminaire

Code 90619L300
Name ROFY 85 D0300 LIGHT+ 840 HO

Measurem.

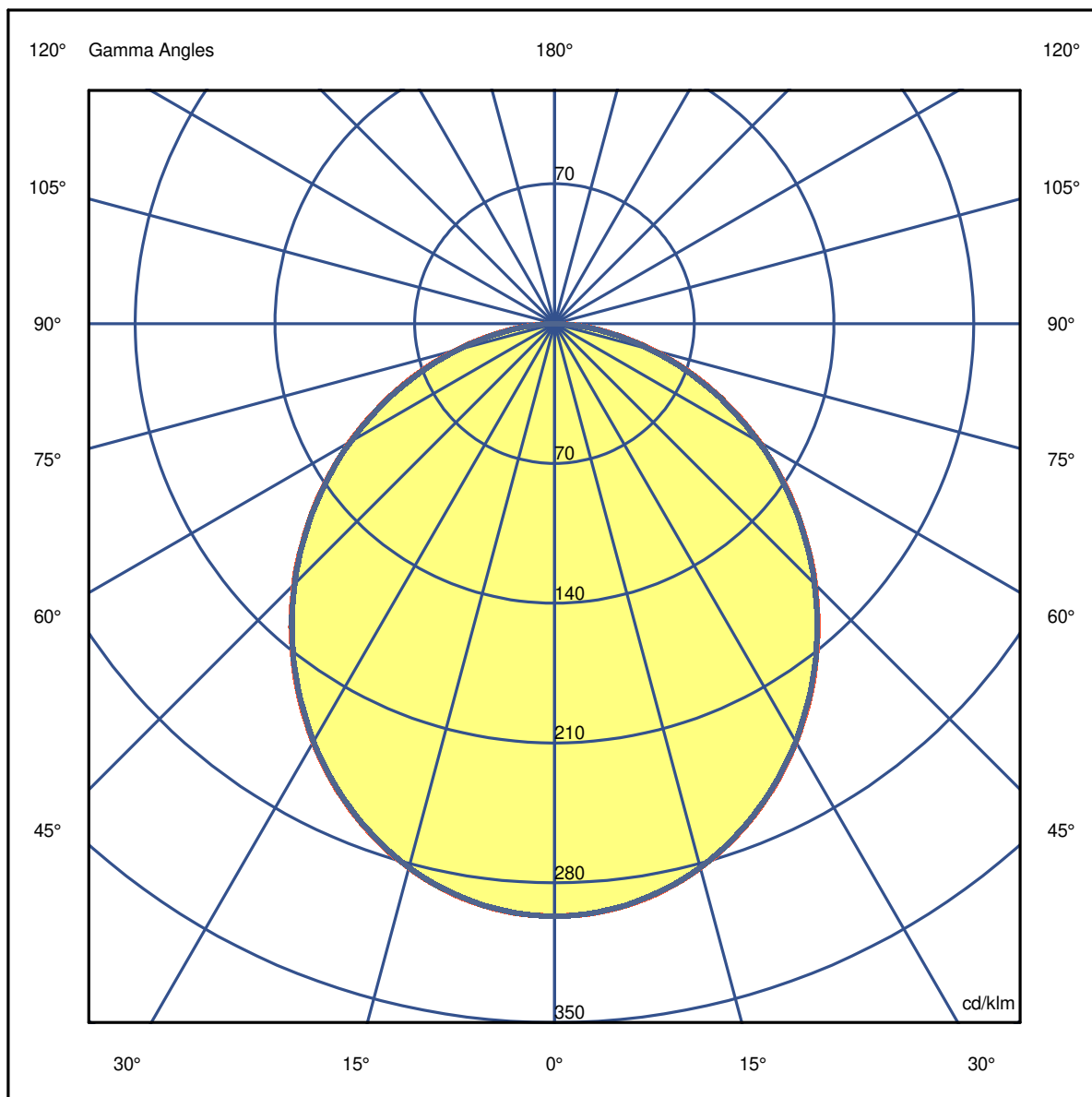
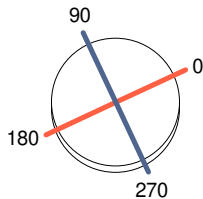
Code 4/8/2023
Name ROFY 85 D0300 LIGHT+ 840 HO

Luminaire Flux	2150 lm	Luminaire Power	15.8 W	Efficacy	136.249 lm/W	Efficiency	79.57%
Source Flux	2702 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=300mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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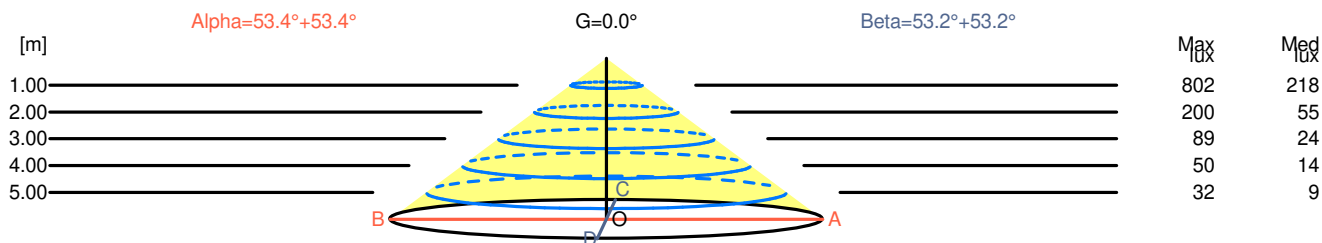
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Width at 50.00 % of Max Intensity

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	801.95	797.36	761.96	696.31	605.79	499.06	380.98	258.04	137.26	33.77
OB	801.95	797.36	761.96	696.31	605.79	499.06	380.98	258.04	137.26	33.77
OC	801.95	796.55	761.42	694.68	604.71	497.44	379.36	255.88	133.75	31.07
OD	801.95	796.55	761.42	694.68	604.71	497.44	379.36	255.88	133.75	31.07



H[m]	D[m]	Max lux	Med lux	Alpha=53.4°+53.4°	G=0.0
1.00	2.69	802	218		
2.00	5.38	200	55		
3.00	8.07	89	24		
4.00	10.76	50	14		
5.00	13.44	32	9		

H[m]	D[m]	Max lux	Med lux	Beta=53.2°+53.2°	G=0.0
1.00	2.67	802	218		
2.00	5.35	200	55		
3.00	8.02	89	24		
4.00	10.69	50	14		
5.00	13.36	32	9		

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Source Flux	2702 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	19.3	20.6	19.6	20.9	21.1	19.3	20.6	19.6	20.8	21.1
x=2H y=3H	20.5	21.7	20.9	22.0	22.3	20.5	21.7	20.8	22.0	22.2
x=2H y=4H	21.0	22.1	21.3	22.4	22.6	20.9	22.0	21.3	22.3	22.6
x=2H y=6H	21.2	22.2	21.6	22.5	22.9	21.1	22.2	21.5	22.5	22.8
x=2H y=8H	21.3	22.3	21.6	22.6	22.9	21.2	22.2	21.6	22.5	22.8
x=2H y=12H	21.3	22.2	21.7	22.6	22.9	21.2	22.2	21.6	22.5	22.8
x=4H y=2H	19.9	21.0	20.2	21.3	21.5	19.9	21.0	20.2	21.3	21.5
x=4H y=3H	21.3	22.2	21.6	22.5	22.9	21.2	22.2	21.6	22.5	22.9
x=4H y=4H	21.8	22.7	22.2	23.0	23.4	21.8	22.6	22.2	23.0	23.3
x=4H y=6H	22.2	22.9	22.6	23.3	23.7	22.1	22.8	22.5	23.2	23.6
x=4H y=8H	22.3	22.9	22.7	23.3	23.7	22.2	22.8	22.6	23.2	23.7
x=4H y=12H	22.3	22.9	22.7	23.3	23.7	22.2	22.8	22.6	23.2	23.6
x=8H y=4H	22.0	22.7	22.4	23.1	23.5	22.0	22.6	22.4	23.0	23.5
x=8H y=6H	22.4	23.0	22.9	23.4	23.9	22.4	22.9	22.8	23.4	23.8
x=8H y=8H	22.6	23.0	23.0	23.5	24.0	22.5	23.0	23.0	23.4	23.9
x=8H y=12H	22.7	23.1	23.1	23.5	24.0	22.6	23.0	23.0	23.4	23.9
x=12H y=4H	22.0	22.6	22.4	23.0	23.5	22.0	22.6	22.4	23.0	23.4
x=12H y=6H	22.5	22.9	22.9	23.4	23.9	22.4	22.9	22.9	23.3	23.8
x=12H y=8H	22.6	23.0	23.1	23.5	24.0	22.5	23.0	23.0	23.4	23.9

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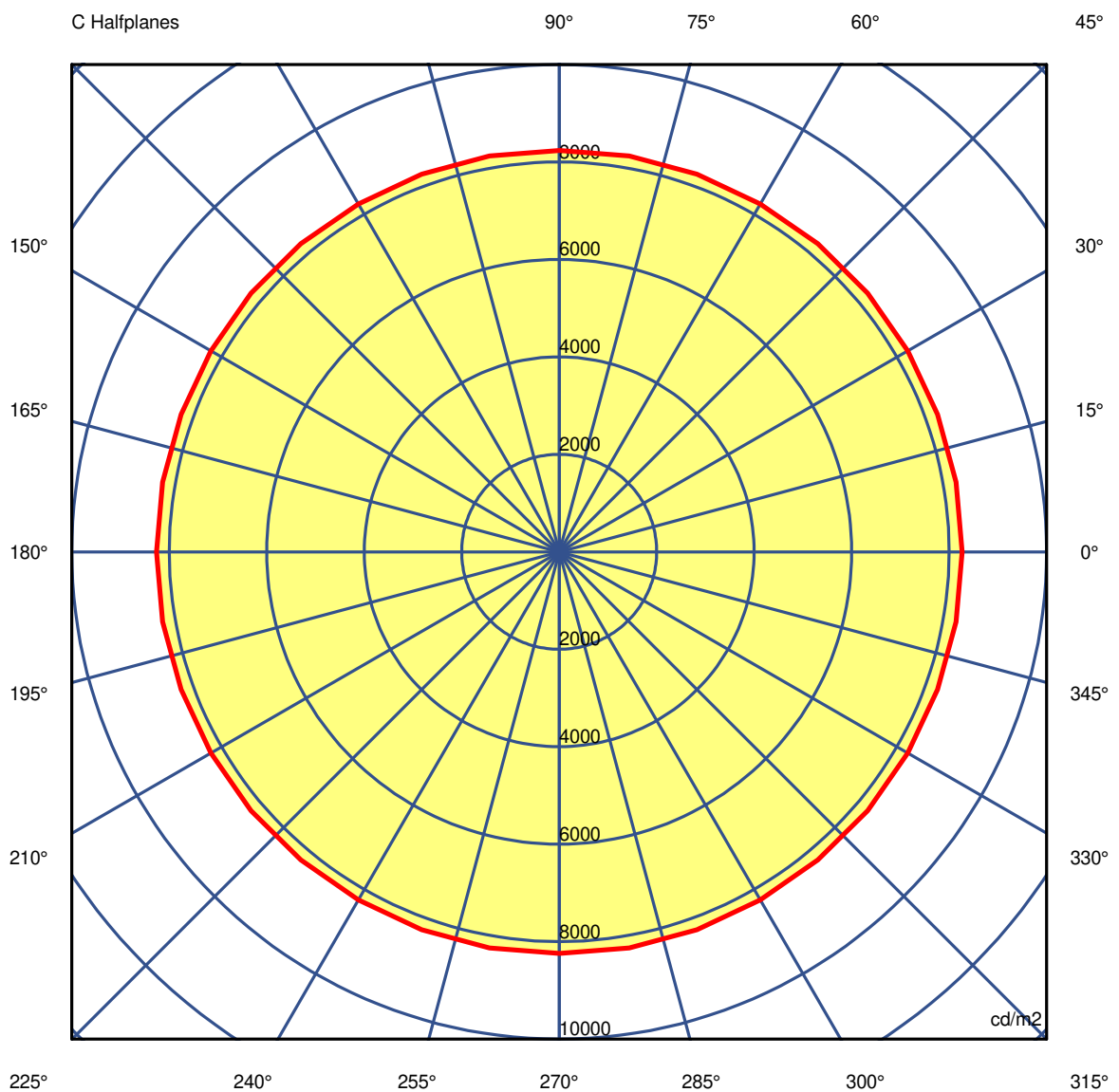
Measurem.

Code 4/8/2023

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Luminaire Flux	2150 lm	Luminaire Power	15.8 W	Efficacy	136.249 lm/W	Efficiency	79.57%
Source Flux	2702 lm	Maximum value	296.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	2150 lm		Luminaire Power		15.8 W		Efficacy		136.249 lm/W		Efficiency		79.57%	
Source Flux	2702 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	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	
G 5.0	12574	12574	12574	12574	12577	12577	12574	12577	12575	12561	12575	12577	12574	
G 10.0	12106	12110	12107	12102	12103	12108	12110	12109	12101	12089	12101	12109	12110	
G 15.0	11609	11615	11618	11617	11614	11614	11617	11616	11609	11601	11609	11616	11617	
G 20.0	11102	11107	11104	11098	11098	11098	11098	11098	11095	11082	11095	11098	11098	
G 25.0	10572	10569	10568	10568	10568	10567	10564	10561	10556	10547	10556	10561	10564	
G 30.0	10021	10021	10019	10017	10020	10018	10013	10015	10016	10008	10016	10015	10013	
G 35.0	9452	9452	9451	9448	9448	9447	9444	9444	9442	9435	9442	9444	9444	
G 40.0	8867	8867	8864	8858	8861	8862	8858	8858	8856	8846	8856	8858	8858	
G 45.0	8267	8265	8258	8253	8258	8254	8244	8250	8252	8240	8252	8250	8244	
G 50.0	7628	7623	7625	7628	7622	7616	7614	7611	7606	7600	7606	7611	7614	
G 55.0	6950	6950	6948	6941	6936	6937	6941	6935	6927	6921	6927	6935	6941	
G 60.0	6235	6227	6222	6219	6212	6206	6203	6196	6190	6187	6190	6196	6203	
G 65.0	5422	5418	5414	5410	5407	5401	5393	5390	5385	5376	5385	5390	5393	
G 70.0	4542	4528	4522	4517	4501	4486	4480	4476	4470	4461	4470	4476	4480	
G 75.0	3526	3522	3517	3505	3482	3461	3450	3445	3441	3436	3441	3445	3450	
G 80.0	2407	2403	2392	2375	2361	2338	2312	2305	2300	2288	2300	2305	2312	
G 85.0	1162	1172	1164	1143	1124	1105	1087	1080	1075	1069	1075	1080	1087	
G 90.0	136	128	125	125	125	125	125	125	125	125	125	125	125	

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Source Flux		2702 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	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024
G 5.0	12577	12577	12574	12574	12574	12574	12574	12574	12574	12574	12574	12574	12574	12577	12577	12577	12577	12577	12577	12577	12577	12577	12577	12577	12577
G 10.0	12108	12103	12102	12107	12110	12106	12110	12107	12102	12103	12108	12110	12109	12110	12109	12110	12109	12110	12109	12110	12109	12110	12109	12110	12109
G 15.0	11614	11614	11617	11618	11615	11609	11615	11618	11617	11614	11614	11617	11616	11617	11616	11617	11616	11617	11616	11617	11616	11617	11616	11617	11616
G 20.0	11098	11098	11098	11104	11107	11102	11107	11104	11098	11098	11098	11098	11098	11098	11098	11098	11098	11098	11098	11098	11098	11098	11098	11098	11098
G 25.0	10567	10568	10568	10568	10569	10572	10569	10568	10568	10568	10567	10568	10567	10568	10567	10568	10567	10568	10567	10568	10567	10568	10567	10568	10567
G 30.0	10018	10020	10017	10019	10021	10021	10021	10019	10017	10020	10018	10013	10015	10015	10018	10017	10020	10018	10013	10015	10015	10018	10017	10020	10018
G 35.0	9447	9448	9448	9451	9452	9452	9452	9451	9448	9448	9447	9444	9444	9447	9448	9448	9447	9444	9444	9447	9448	9448	9447	9444	9444
G 40.0	8862	8861	8858	8864	8867	8867	8867	8864	8858	8861	8862	8858	8858	8861	8862	8858	8861	8858	8858	8861	8862	8858	8858	8861	8862
G 45.0	8254	8258	8253	8258	8265	8267	8265	8258	8253	8258	8254	8244	8250	8254	8258	8253	8258	8254	8244	8250	8254	8258	8253	8258	8254
G 50.0	7616	7622	7628	7625	7623	7628	7623	7625	7628	7622	7616	7614	7611	7611	7616	7622	7628	7625	7623	7628	7622	7616	7614	7611	7611
G 55.0	6937	6936	6941	6948	6950	6950	6950	6948	6941	6936	6937	6941	6935	6935	6937	6941	6948	6950	6950	6948	6941	6936	6937	6941	6935
G 60.0	6206	6212	6219	6222	6227	6235	6227	6222	6219	6212	6206	6203	6196	6196	6206	6212	6219	6222	6227	6235	6227	6222	6219	6212	6206
G 65.0	5401	5407	5410	5414	5418	5422	5418	5414	5410	5407	5401	5393	5390	5390	5401	5407	5410	5414	5418	5422	5418	5414	5410	5407	5401
G 70.0	4486	4501	4517	4522	4528	4542	4528	4522	4517	4501	4486	4480	4476	4476	4486	4501	4517	4522	4528	4542	4528	4522	4517	4501	4486
G 75.0	3461	3482	3505	3517	3522	3526	3522	3517	3505	3482	3461	3450	3445	3445	3461	3482	3505	3517	3522	3526	3522	3517	3505	3482	3461
G 80.0	2338	2361	2375	2392	2403	2407	2403	2392	2375	2361	2338	2312	2305	2305	2338	2361	2375	2392	2403	2407	2403	2392	2375	2361	2338
G 85.0	1105	1124	1143	1164	1172	1162	1172	1164	1143	1124	1105	1087	1080	1080	1105	1124	1143	1164	1172	1162	1172	1164	1143	1124	1105
G 90.0	125	125	125	125	128	136	128	125	125	125	125	125	125	125	125	125	125	125	128	136	128	125	125	125	125

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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	13024	13024	13024	13024	13024	13024	13024	13024	13024	13024
G 5.0	12575	12561	12575	12577	12574	12577	12577	12574	12574	12574
G 10.0	12101	12089	12101	12109	12110	12108	12103	12102	12107	12110
G 15.0	11609	11601	11609	11616	11617	11614	11614	11617	11618	11615
G 20.0	11095	11082	11095	11098	11098	11098	11098	11098	11104	11107
G 25.0	10556	10547	10556	10561	10564	10567	10568	10568	10568	10569
G 30.0	10016	10008	10016	10015	10013	10018	10020	10017	10019	10021
G 35.0	9442	9435	9442	9444	9444	9447	9448	9448	9451	9452
G 40.0	8856	8846	8856	8858	8858	8862	8861	8858	8864	8867
G 45.0	8252	8240	8252	8250	8244	8254	8258	8253	8258	8265
G 50.0	7606	7600	7606	7611	7614	7616	7622	7628	7625	7623
G 55.0	6927	6921	6927	6935	6941	6937	6936	6941	6948	6950
G 60.0	6190	6187	6190	6196	6203	6206	6212	6219	6222	6227
G 65.0	5385	5376	5385	5390	5393	5401	5407	5410	5414	5418
G 70.0	4470	4461	4470	4476	4480	4486	4501	4517	4522	4528
G 75.0	3441	3436	3441	3445	3450	3461	3482	3505	3517	3522
G 80.0	2300	2288	2300	2305	2312	2338	2361	2375	2392	2403
G 85.0	1075	1069	1075	1080	1087	1105	1124	1143	1164	1172
G 90.0	125	125	125	125	125	125	125	125	125	128