

Luminaire

Code 90624L115

Name ROFY 85 D/I D1150 GCONTROL+ K3 840 HO

Measurem.

Code 26/7/2023

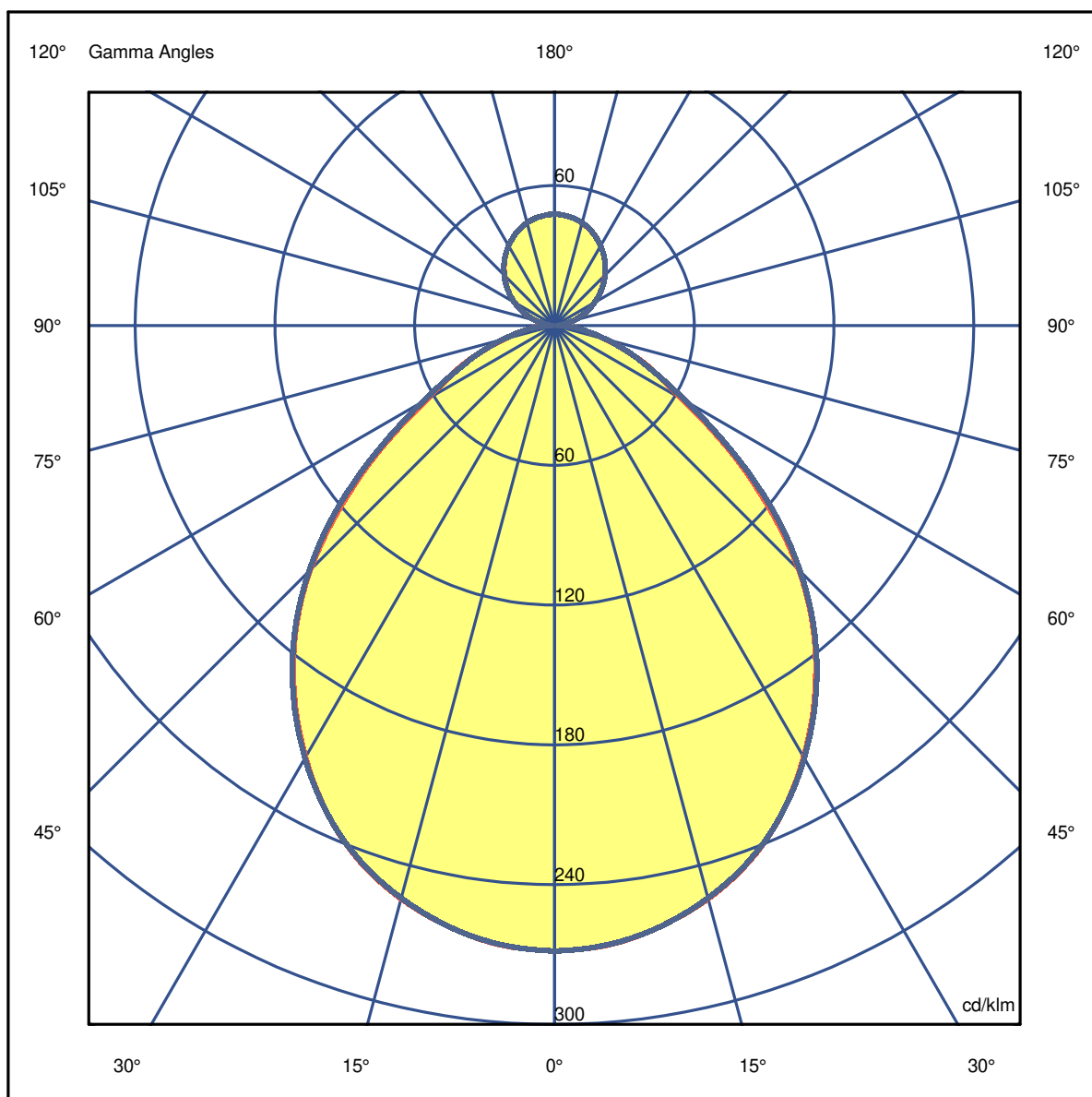
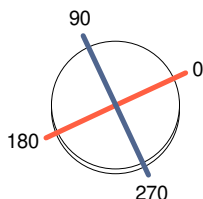
Name ROFY 85 D/I D1150 GCONTROL+ K3 840 HO

Luminaire Flux	18287 lm	Luminaire Power	136.9 W	Efficacy	133.582 lm/W	Efficiency	71.65%
Source Flux	25524 lm	Maximum value	268.40 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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Code	90024E115
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Measur.

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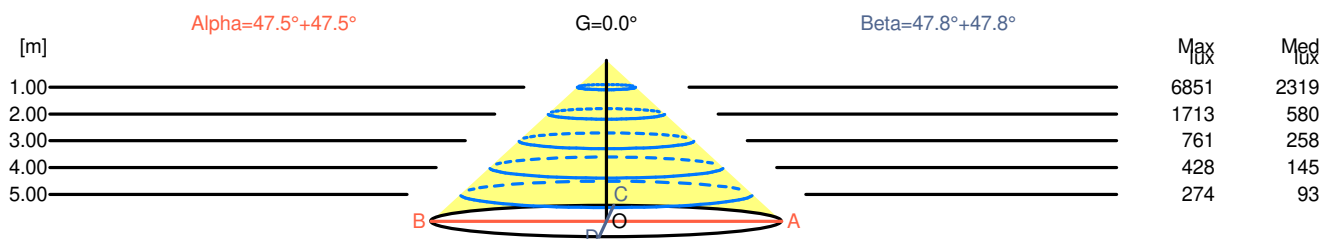
Code	EO/17/EO20
Name	ROFY 85 D/I D1150 GCONTROL+ K3 840 HO


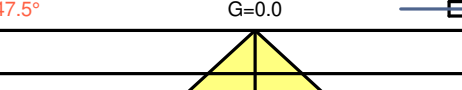
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Source Flux	25524 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical


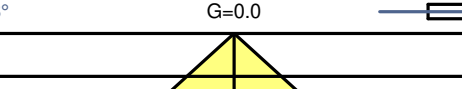
Width at 50.00 % of Max Intensity

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	1.09	2.18	3.27	4.36	5.45	OC	1.10	2.20	3.30	4.40	5.51
OB	1.09	2.18	3.27	4.36	5.45	OD	1.10	2.20	3.30	4.40	5.51

	Luminous Intensities [cd/kdml]									
	0	5	15	25	35	45	55	65	75	85
OA	6850.64	6809.80	6500.96	5896.04	4969.52	3787.76	2286.95	1214.94	576.84	186.33
OB	6850.64	6809.80	6500.96	5896.04	4969.52	3787.76	2286.95	1214.94	576.84	186.33
OC	6850.64	6807.25	6493.31	5896.04	4987.39	3805.63	2335.45	1207.29	584.50	181.22
OD	6850.64	6807.25	6493.31	5896.04	4987.39	3805.63	2335.45	1207.29	584.50	181.22



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0	
1.00	2.18	6851	2319			
2.00	4.36	1713	580			
3.00	6.54	761	258			
4.00	8.72	428	145			
5.00	10.90	274	93			

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0	
1.00	2.20	6851	2319			
2.00	4.40	1713	580			
3.00	6.61	761	258			
4.00	8.81	428	145			
5.00	11.01	274	93			

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Source Flux	25524 lm	Maximum value	268.40 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	15.3	16.3	15.9	16.8	17.4	15.0	16.0	15.5	16.5	17.0
x=2H y=3H	16.1	16.9	16.6	17.5	18.1	15.5	16.4	16.1	17.0	17.6
x=2H y=4H	16.3	17.1	16.9	17.7	18.3	15.8	16.6	16.4	17.2	17.8
x=2H y=6H	16.5	17.2	17.1	17.8	18.5	16.0	16.7	16.6	17.3	18.0
x=2H y=8H	16.6	17.3	17.2	17.9	18.5	16.0	16.8	16.7	17.4	18.0
x=2H y=12H	16.6	17.3	17.2	17.9	18.6	16.1	16.8	16.7	17.4	18.1
x=4H y=2H	15.4	16.2	16.0	16.8	17.4	15.1	15.9	15.7	16.5	17.1
x=4H y=3H	16.3	16.9	16.9	17.6	18.2	15.8	16.5	16.5	17.1	17.8
x=4H y=4H	16.6	17.2	17.3	17.8	18.6	16.2	16.8	16.8	17.4	18.1
x=4H y=6H	16.9	17.4	17.6	18.1	18.8	16.4	17.0	17.1	17.6	18.4
x=4H y=8H	17.0	17.5	17.7	18.2	18.9	16.6	17.0	17.3	17.7	18.5
x=4H y=12H	17.1	17.5	17.8	18.2	19.0	16.7	17.1	17.4	17.8	18.6
x=8H y=4H	16.6	17.1	17.3	17.8	18.6	16.2	16.7	16.9	17.4	18.2
x=8H y=6H	17.0	17.4	17.8	18.1	18.9	16.6	17.0	17.4	17.7	18.5
x=8H y=8H	17.2	17.6	17.9	18.3	19.1	16.8	17.2	17.5	17.9	18.7
x=8H y=12H	17.3	17.6	18.1	18.4	19.2	17.0	17.3	17.7	18.0	18.9
x=12H y=4H	16.6	17.0	17.3	17.7	18.5	16.2	16.6	16.9	17.3	18.1
x=12H y=6H	17.0	17.4	17.8	18.1	18.9	16.6	17.0	17.4	17.7	18.5
x=12H y=8H	17.2	17.5	18.0	18.3	19.2	16.9	17.1	17.6	17.9	18.8

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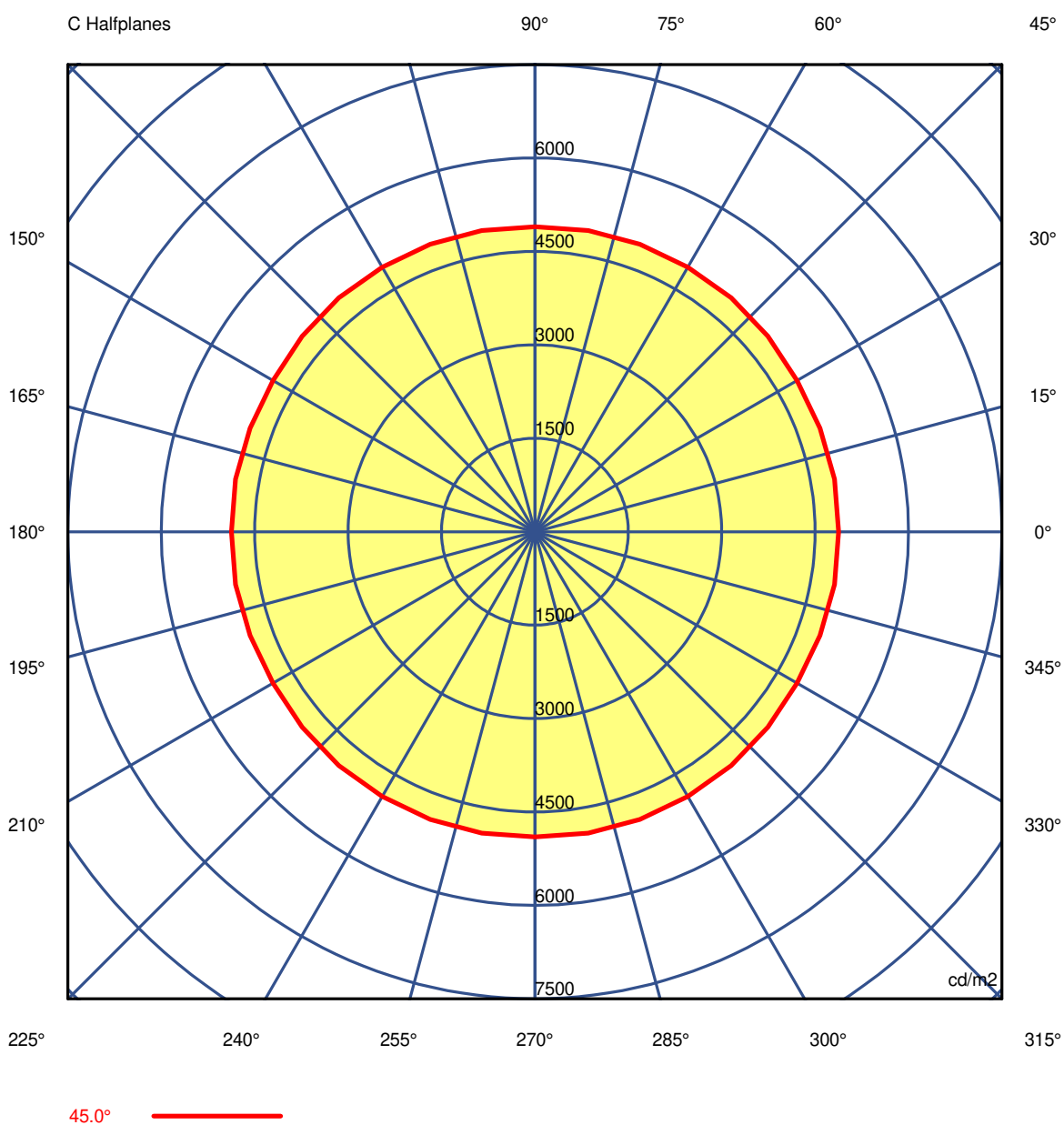
Measurem.

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Source Flux	25524 lm	Maximum value	268.40 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	18287 lm		Luminaire Power		136.9 W		Efficacy		133.582 lm/W		Efficiency		71.65%	
Source Flux	25524 lm		Maximum value		268.40 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	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831	
G 5.0	6760	6758	6757	6757	6757	6757	6757	6757	6757	6757	6757	6757	6757	
G 10.0	6656	6658	6659	6659	6657	6656	6656	6656	6656	6656	6656	6656	6656	
G 15.0	6543	6542	6539	6535	6532	6529	6528	6529	6532	6535	6532	6529	6528	
G 20.0	6404	6408	6403	6389	6375	6368	6368	6371	6381	6396	6381	6371	6368	
G 25.0	6210	6216	6210	6196	6189	6188	6188	6191	6198	6210	6198	6191	6188	
G 30.0	5957	5964	5964	5962	5974	5987	5987	5976	5971	5971	5971	5976	5987	
G 35.0	5669	5673	5676	5687	5716	5740	5739	5716	5696	5689	5696	5716	5739	
G 40.0	5329	5329	5333	5351	5382	5399	5397	5389	5372	5348	5372	5389	5397	
G 45.0	4874	4884	4871	4858	4883	4903	4904	4914	4914	4897	4914	4914	4904	
G 50.0	4225	4225	4220	4158	3993	3829	3806	3998	4199	4314	4199	3998	3806	
G 55.0	3497	3453	3402	3345	2954	2574	2561	3017	3424	3572	3424	3017	2561	
G 60.0	2768	2742	2659	2480	2232	2139	2218	2305	2510	2855	2510	2305	2218	
G 65.0	2378	2341	2201	1908	1775	1833	1898	1783	1901	2363	1901	1783	1898	
G 70.0	2027	1983	1825	1555	1595	1638	1602	1525	1655	2021	1655	1525	1602	
G 75.0	1637	1597	1413	1232	1336	1421	1347	1286	1392	1659	1392	1286	1347	
G 80.0	1358	1391	1335	1244	1263	1276	1244	1203	1239	1358	1239	1203	1244	
G 85.0	1018	963	989	1073	1107	1042	976	1052	1082	990	1082	1052	976	
G 90.0	744	765	770	717	573	461	399	303	266	266	266	303	399	

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Source Flux	25524 lm		Maximum value		268.40 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	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831
G 5.0	6757	6757	6757	6757	6758	6760	6758	6757	6757	6757	6757	6757	6757
G 10.0	6656	6657	6659	6659	6658	6656	6658	6659	6659	6657	6656	6656	6656
G 15.0	6529	6532	6535	6539	6542	6543	6542	6539	6535	6532	6529	6528	6529
G 20.0	6368	6375	6389	6403	6408	6404	6408	6403	6389	6375	6368	6368	6371
G 25.0	6188	6189	6196	6210	6216	6210	6216	6210	6196	6189	6188	6188	6191
G 30.0	5987	5974	5962	5964	5964	5957	5964	5964	5962	5974	5987	5987	5976
G 35.0	5740	5716	5687	5676	5673	5669	5673	5676	5687	5716	5740	5739	5716
G 40.0	5399	5382	5351	5333	5329	5329	5329	5333	5351	5382	5399	5397	5389
G 45.0	4903	4883	4858	4871	4884	4874	4884	4871	4858	4883	4903	4904	4914
G 50.0	3829	3993	4158	4220	4225	4225	4225	4220	4158	3993	3829	3806	3998
G 55.0	2574	2954	3345	3402	3453	3497	3453	3402	3345	2954	2574	2561	3017
G 60.0	2139	2232	2480	2659	2742	2768	2742	2659	2480	2232	2139	2218	2305
G 65.0	1833	1775	1908	2201	2341	2378	2341	2201	1908	1775	1833	1898	1783
G 70.0	1638	1595	1555	1825	1983	2027	1983	1825	1555	1595	1638	1602	1525
G 75.0	1421	1336	1232	1413	1597	1637	1597	1413	1232	1336	1421	1347	1286
G 80.0	1276	1263	1244	1335	1391	1358	1391	1335	1244	1263	1276	1244	1203
G 85.0	1042	1107	1073	989	963	1018	963	989	1073	1107	1042	976	1052
G 90.0	461	573	717	770	765	744	765	770	717	573	461	399	303

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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	6831	6831	6831	6831	6831	6831	6831	6831	6831	6831
G 5.0	6757	6757	6757	6757	6757	6757	6757	6757	6757	6758
G 10.0	6656	6656	6656	6656	6656	6656	6657	6659	6659	6658
G 15.0	6532	6535	6532	6529	6528	6529	6532	6535	6539	6542
G 20.0	6381	6396	6381	6371	6368	6368	6375	6389	6403	6408
G 25.0	6198	6210	6198	6191	6188	6188	6189	6196	6210	6216
G 30.0	5971	5971	5971	5976	5987	5987	5974	5962	5964	5964
G 35.0	5696	5689	5696	5716	5739	5740	5716	5687	5676	5673
G 40.0	5372	5348	5372	5389	5397	5399	5382	5351	5333	5329
G 45.0	4914	4897	4914	4914	4904	4903	4883	4858	4871	4884
G 50.0	4199	4314	4199	3998	3806	3829	3993	4158	4220	4225
G 55.0	3424	3572	3424	3017	2561	2574	2954	3345	3402	3453
G 60.0	2510	2855	2510	2305	2218	2139	2232	2480	2659	2742
G 65.0	1901	2363	1901	1783	1898	1833	1775	1908	2201	2341
G 70.0	1655	2021	1655	1525	1602	1638	1595	1555	1825	1983
G 75.0	1392	1659	1392	1286	1347	1421	1336	1232	1413	1597
G 80.0	1239	1358	1239	1203	1244	1276	1263	1244	1335	1391
G 85.0	1082	990	1082	1052	976	1042	1107	1073	989	963
G 90.0	266	266	266	303	399	461	573	717	770	765