

Luminaire

Code 90624L115

Name ROFY 85 D/I D1150 GCONTROL+ 830 HO

Measurem.

Code 26/7/2023

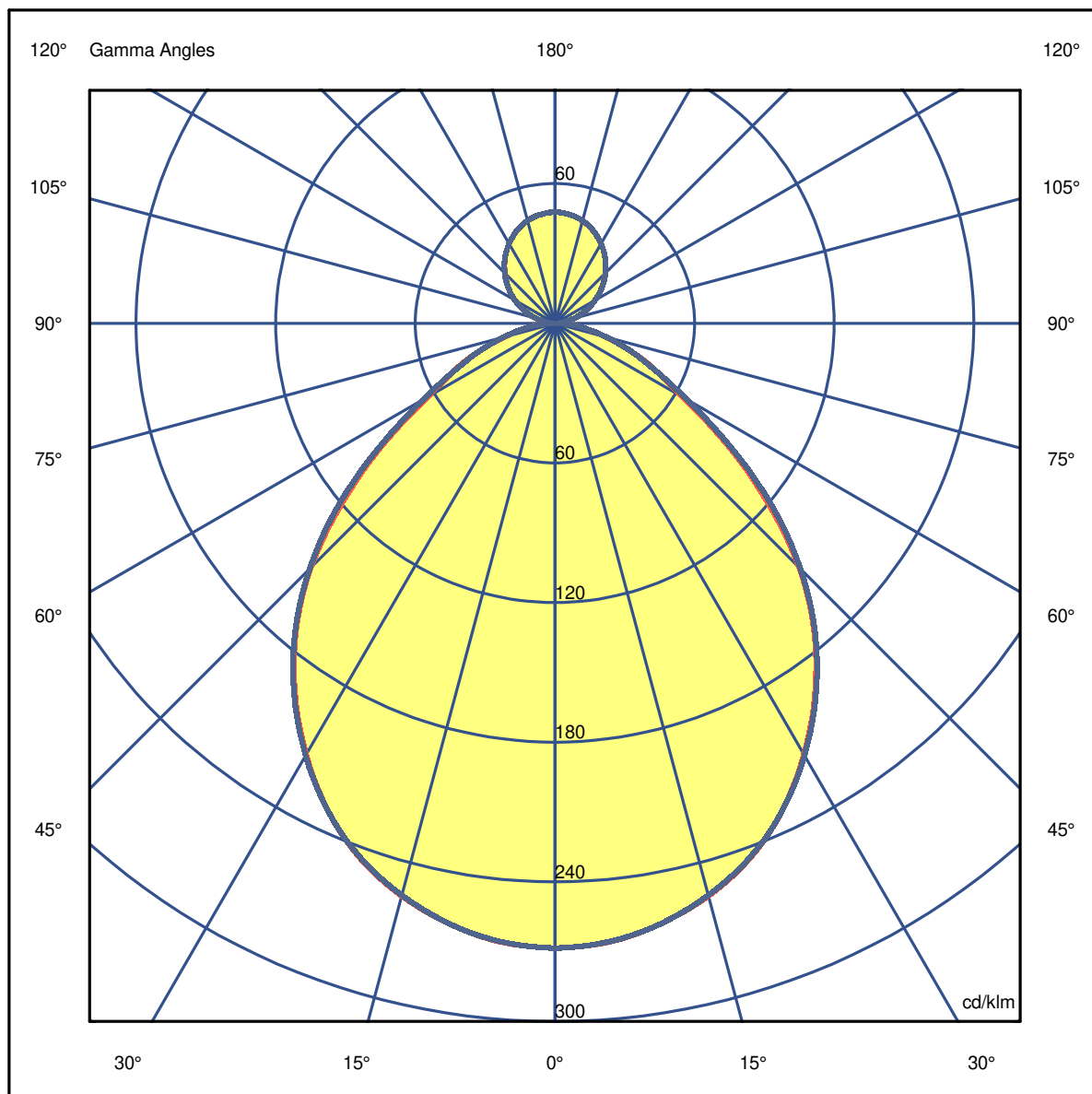
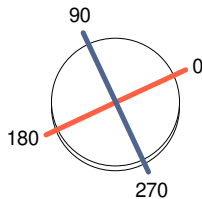
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Luminaire Flux	17462 lm	Luminaire Power	136.9 W	Efficacy	127.552 lm/W	Efficiency	71.65%
Source Flux	24372 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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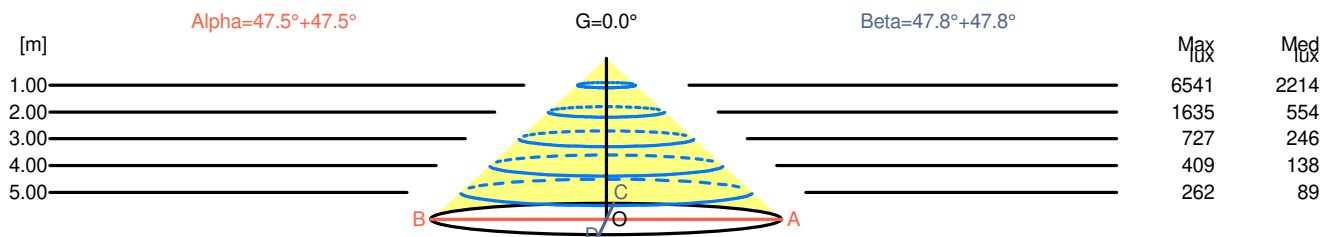
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Width at 50.00 % of Max Intensity

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	1.09	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

	0	5	15	25	35	45	55	65	75	85
OA	6541.44	6502.45	6207.55	5629.93	4745.23	3616.80	2183.73	1160.11	550.81	177.92
OB	6541.44	6502.45	6207.55	5629.93	4745.23	3616.80	2183.73	1160.11	550.81	177.92
OC	6541.44	6500.01	6200.24	5629.93	4762.29	3633.87	2230.04	1152.80	558.12	173.04
OD	6541.44	6500.01	6200.24	5629.93	4762.29	3633.87	2230.04	1152.80	558.12	173.04



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0
1.00	2.18	6541	2214		
2.00	4.36	1635	554		
3.00	6.54	727	246		
4.00	8.72	409	138		
5.00	10.90	262	89		

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0
1.00	2.20	6541	2214		
2.00	4.40	1635	554		
3.00	6.61	727	246		
4.00	8.81	409	138		
5.00	11.01	262	89		

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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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	15.2	16.2	15.7	16.7	17.2	14.8	15.8	15.4	16.3	16.9
x=2H y=3H	15.9	16.8	16.5	17.3	17.9	15.4	16.3	16.0	16.8	17.4
x=2H y=4H	16.2	17.0	16.7	17.5	18.2	15.6	16.4	16.2	17.0	17.7
x=2H y=6H	16.3	17.1	17.0	17.7	18.3	15.8	16.6	16.4	17.1	17.8
x=2H y=8H	16.4	17.1	17.0	17.7	18.4	15.9	16.6	16.5	17.2	17.9
x=2H y=12H	16.4	17.1	17.1	17.7	18.4	15.9	16.6	16.6	17.2	17.9
x=4H y=2H	15.2	16.0	15.8	16.6	17.3	15.0	15.8	15.5	16.3	17.0
x=4H y=3H	16.1	16.8	16.7	17.4	18.1	15.7	16.4	16.3	17.0	17.7
x=4H y=4H	16.4	17.0	17.1	17.7	18.4	16.0	16.6	16.7	17.2	18.0
x=4H y=6H	16.7	17.3	17.4	17.9	18.7	16.3	16.8	17.0	17.5	18.2
x=4H y=8H	16.9	17.3	17.6	18.0	18.8	16.4	16.9	17.1	17.6	18.3
x=4H y=12H	16.9	17.3	17.6	18.0	18.8	16.5	16.9	17.2	17.6	18.4
x=8H y=4H	16.5	16.9	17.2	17.6	18.4	16.1	16.5	16.8	17.2	18.0
x=8H y=6H	16.9	17.3	17.6	18.0	18.8	16.5	16.9	17.2	17.6	18.4
x=8H y=8H	17.1	17.4	17.8	18.1	19.0	16.7	17.0	17.4	17.7	18.6
x=8H y=12H	17.2	17.5	17.9	18.2	19.1	16.8	17.1	17.6	17.9	18.7
x=12H y=4H	16.5	16.9	17.2	17.6	18.4	16.1	16.5	16.8	17.2	18.0
x=12H y=6H	16.9	17.2	17.6	17.9	18.8	16.5	16.8	17.2	17.5	18.4
x=12H y=8H	17.1	17.4	17.8	18.1	19.0	16.7	17.0	17.5	17.7	18.6

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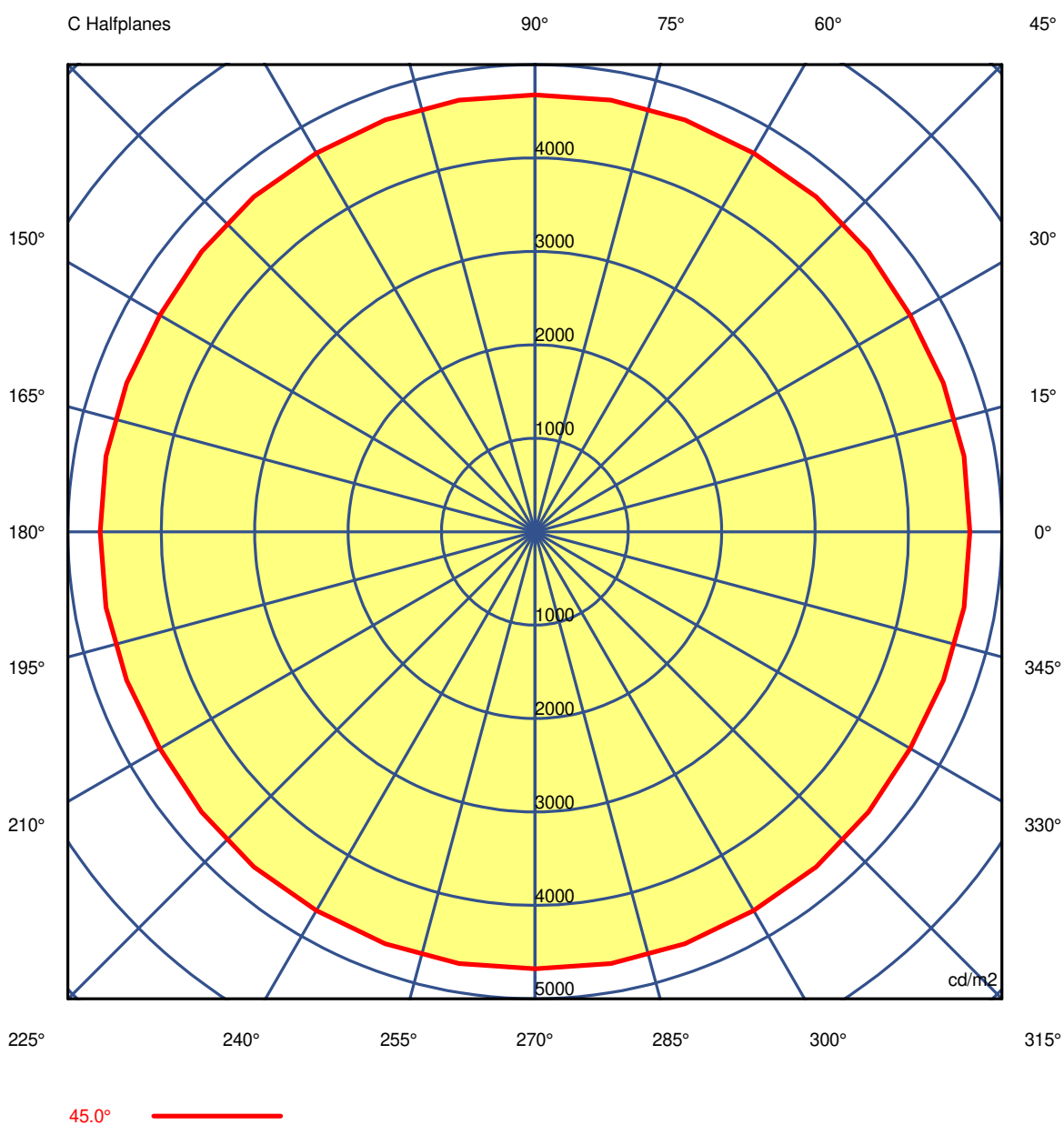
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Source Flux	24372 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Source Flux		24372 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	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523
G 5.0	6454	6453	6452	6452	6452	6452	6452	6452	6452	6452	6452	6452	6452	6452	6452
G 10.0	6356	6357	6358	6358	6356	6356	6356	6356	6356	6356	6356	6356	6356	6356	6356
G 15.0	6248	6246	6244	6240	6237	6234	6233	6234	6237	6240	6237	6234	6233	6234	6233
G 20.0	6115	6119	6114	6100	6087	6080	6080	6084	6093	6108	6093	6084	6080	6080	6080
G 25.0	5929	5935	5930	5916	5910	5908	5909	5911	5918	5929	5918	5911	5909	5909	5909
G 30.0	5688	5695	5694	5693	5705	5717	5717	5706	5701	5701	5701	5706	5717	5717	5717
G 35.0	5413	5417	5420	5430	5458	5480	5480	5458	5439	5433	5439	5458	5480	5480	5480
G 40.0	5089	5089	5092	5109	5139	5156	5153	5145	5130	5106	5130	5145	5153	5153	5153
G 45.0	4654	4663	4652	4639	4663	4682	4683	4692	4693	4676	4693	4692	4683	4683	4683
G 50.0	4035	4035	4030	3970	3813	3656	3634	3817	4009	4120	4009	3817	3634	3634	3634
G 55.0	3340	3297	3249	3194	2821	2458	2445	2881	3270	3410	3270	2881	2445	2445	2445
G 60.0	2643	2618	2539	2368	2131	2042	2118	2201	2397	2726	2397	2201	2118	2118	2118
G 65.0	2271	2236	2102	1822	1694	1750	1813	1703	1815	2256	1815	1703	1813	1813	1813
G 70.0	1935	1894	1743	1485	1523	1564	1530	1456	1580	1929	1580	1456	1530	1530	1530
G 75.0	1563	1525	1350	1176	1276	1357	1287	1228	1329	1584	1329	1228	1287	1287	1287
G 80.0	1297	1328	1274	1188	1206	1218	1188	1149	1183	1297	1183	1149	1188	1188	1188
G 85.0	972	919	944	1025	1057	995	932	1005	1033	945	1033	1005	932	932	932
G 90.0	710	730	736	685	548	440	381	290	254	254	254	290	381	381	381

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Source Flux	24372 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	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523	
G 5.0	6452	6452	6452	6452	6453	6454	6453	6452	6452	6452	6452	6452	6452	
G 10.0	6356	6356	6358	6358	6357	6356	6357	6358	6358	6356	6356	6356	6356	
G 15.0	6234	6237	6240	6244	6246	6248	6246	6244	6240	6237	6234	6233	6234	
G 20.0	6080	6087	6100	6114	6119	6115	6119	6114	6100	6087	6080	6080	6084	
G 25.0	5908	5910	5916	5930	5935	5929	5935	5930	5916	5910	5908	5909	5911	
G 30.0	5717	5705	5693	5694	5695	5688	5695	5694	5693	5705	5717	5717	5706	
G 35.0	5480	5458	5430	5420	5417	5413	5417	5420	5430	5458	5480	5480	5458	
G 40.0	5156	5139	5109	5092	5089	5089	5089	5092	5109	5139	5156	5153	5145	
G 45.0	4682	4663	4639	4652	4663	4654	4663	4652	4639	4663	4682	4683	4692	
G 50.0	3656	3813	3970	4030	4035	4035	4035	4030	3970	3813	3656	3634	3817	
G 55.0	2458	2821	3194	3249	3297	3340	3297	3249	3194	2821	2458	2445	2881	
G 60.0	2042	2131	2368	2539	2618	2643	2618	2539	2368	2131	2042	2118	2201	
G 65.0	1750	1694	1822	2102	2236	2271	2236	2102	1822	1694	1750	1813	1703	
G 70.0	1564	1523	1485	1743	1894	1935	1894	1743	1485	1523	1564	1530	1456	
G 75.0	1357	1276	1176	1350	1525	1563	1525	1350	1176	1276	1357	1287	1228	
G 80.0	1218	1206	1188	1274	1328	1297	1328	1274	1188	1206	1218	1188	1149	
G 85.0	995	1057	1025	944	919	972	919	944	1025	1057	995	932	1005	
G 90.0	440	548	685	736	730	710	730	736	685	548	440	381	290	

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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	6523	6523	6523	6523	6523	6523	6523	6523	6523	6523
G 5.0	6452	6452	6452	6452	6452	6452	6452	6452	6452	6453
G 10.0	6356	6356	6356	6356	6356	6356	6356	6358	6358	6357
G 15.0	6237	6240	6237	6234	6233	6234	6237	6240	6244	6246
G 20.0	6093	6108	6093	6084	6080	6080	6087	6100	6114	6119
G 25.0	5918	5929	5918	5911	5909	5908	5910	5916	5930	5935
G 30.0	5701	5701	5701	5706	5717	5717	5705	5693	5694	5695
G 35.0	5439	5433	5439	5458	5480	5480	5458	5430	5420	5417
G 40.0	5130	5106	5130	5145	5153	5156	5139	5109	5092	5089
G 45.0	4693	4676	4693	4692	4683	4682	4663	4639	4652	4663
G 50.0	4009	4120	4009	3817	3634	3656	3813	3970	4030	4035
G 55.0	3270	3410	3270	2881	2445	2458	2821	3194	3249	3297
G 60.0	2397	2726	2397	2201	2118	2042	2131	2368	2539	2618
G 65.0	1815	2256	1815	1703	1813	1750	1694	1822	2102	2236
G 70.0	1580	1929	1580	1456	1530	1564	1523	1485	1743	1894
G 75.0	1329	1584	1329	1228	1287	1357	1276	1176	1350	1525
G 80.0	1183	1297	1183	1149	1188	1218	1206	1188	1274	1328
G 85.0	1033	945	1033	1005	932	995	1057	1025	944	919
G 90.0	254	254	254	290	381	440	548	685	736	730