

Luminaire

Code 90624L900

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

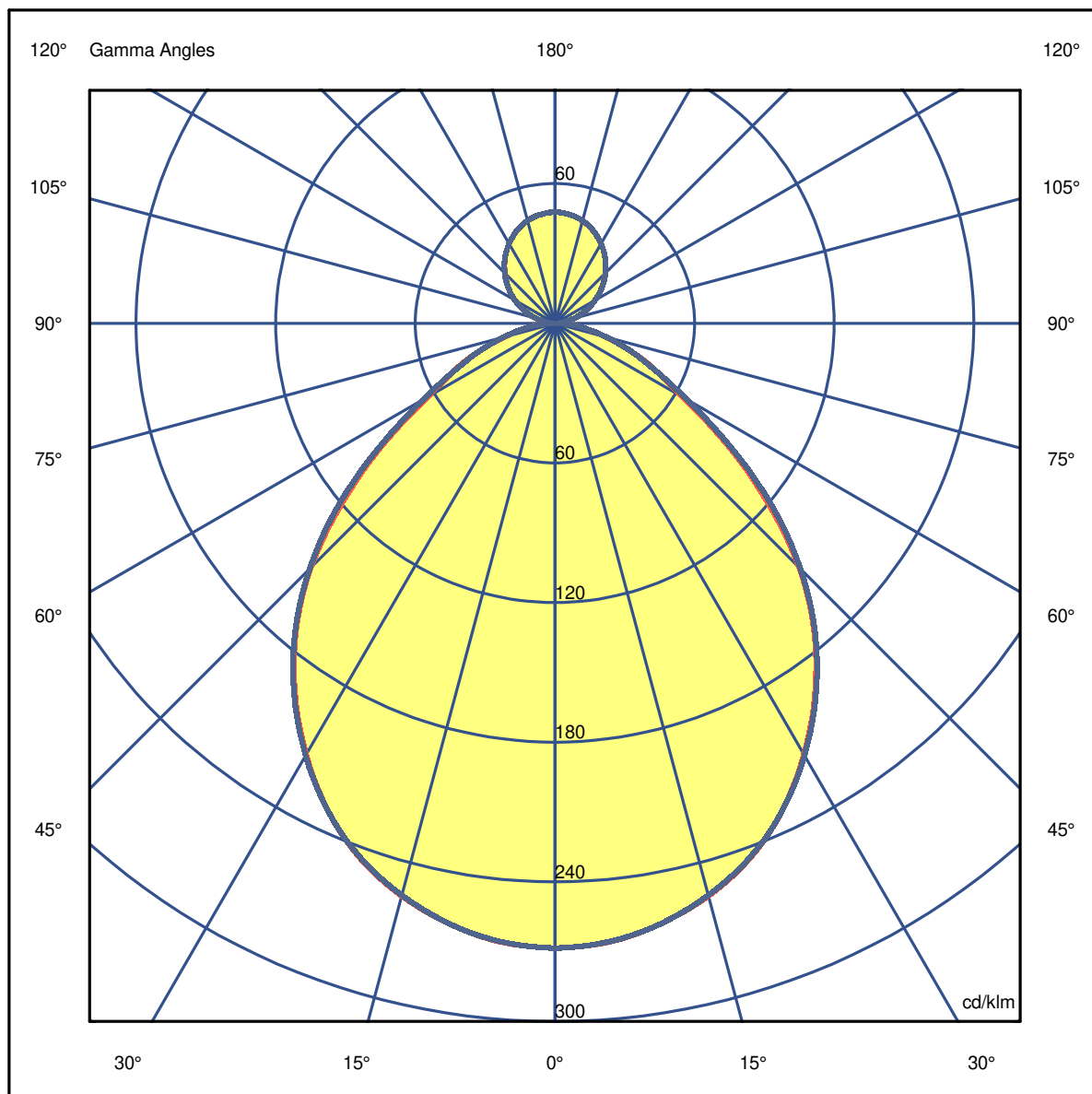
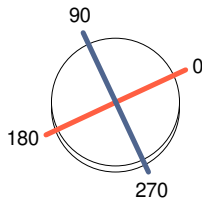
Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Luminaire Flux	11148 lm	Luminaire Power	83.9 W	Efficacy	132.877 lm/W	Efficiency	71.65%
Source Flux	15560 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 90624L900

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

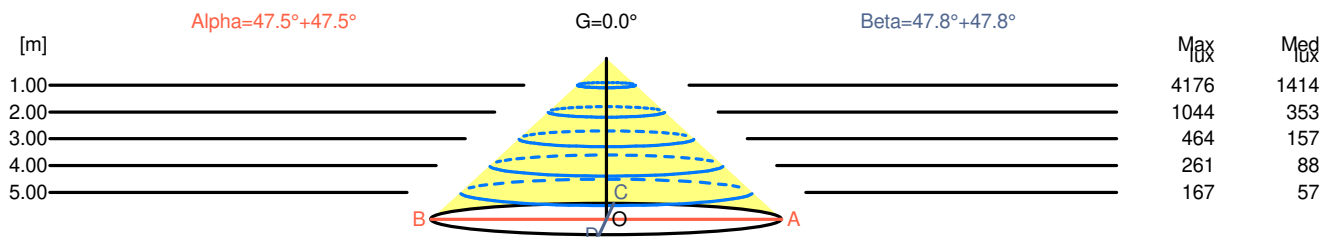
Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Luminaire Flux	11148 lm	Luminaire Power	83.9 W	Efficacy	132.877 lm/W	Efficiency	71.65%
Source Flux	15560 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

	0	5	15	25	35	45	55	65	75	85
OA	4176.30	4151.41	3963.13	3594.36	3029.53	2309.10	1394.18	740.66	351.66	113.59
OB	4176.30	4151.41	3963.13	3594.36	3029.53	2309.10	1394.18	740.66	351.66	113.59
OC	4176.30	4149.85	3958.46	3594.36	3040.42	2320.00	1423.74	735.99	356.32	110.48
OD	4176.30	4149.85	3958.46	3594.36	3040.42	2320.00	1423.74	735.99	356.32	110.48



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0
1.00	2.18	4176	1414		
2.00	4.36	1044	353		
3.00	6.54	464	157		
4.00	8.72	261	88		
5.00	10.90	167	57		

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0
1.00	2.20	4176	1414		
2.00	4.40	1044	353		
3.00	6.61	464	157		
4.00	8.81	261	88		
5.00	11.01	167	57		

Luminaire

Code 90624L900

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Luminaire Flux	11148 lm	Luminaire Power	83.9 W	Efficacy	132.877 lm/W	Efficiency	71.65%
Source Flux	15560 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	15.2	16.2	15.8	16.7	17.3	14.9	15.9	15.4	16.4	17.0
x=2H y=3H	15.9	16.8	16.5	17.4	18.0	15.4	16.3	16.0	16.9	17.5
x=2H y=4H	16.2	17.0	16.8	17.6	18.2	15.7	16.5	16.3	17.0	17.7
x=2H y=6H	16.4	17.1	17.0	17.7	18.4	15.9	16.6	16.5	17.2	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	15.3	16.1	15.9	16.7	17.3	15.0	15.8	15.6	16.4	17.1
x=4H y=3H	16.1	16.8	16.8	17.4	18.1	15.7	16.4	16.4	17.0	17.7
x=4H y=4H	16.5	17.1	17.1	17.7	18.4	16.1	16.6	16.7	17.3	18.0
x=4H y=6H	16.8	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	18.4
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	17.0	17.2	17.6	18.4	16.1	16.6	16.8	17.3	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	17.0	17.4	17.8	18.1	18.9	16.6	17.0	17.4	17.7	18.5
x=8H y=12H	17.1	17.4	17.9	18.2	19.0	16.8	17.1	17.6	17.8	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	17.4	17.7	18.6

Luminaire

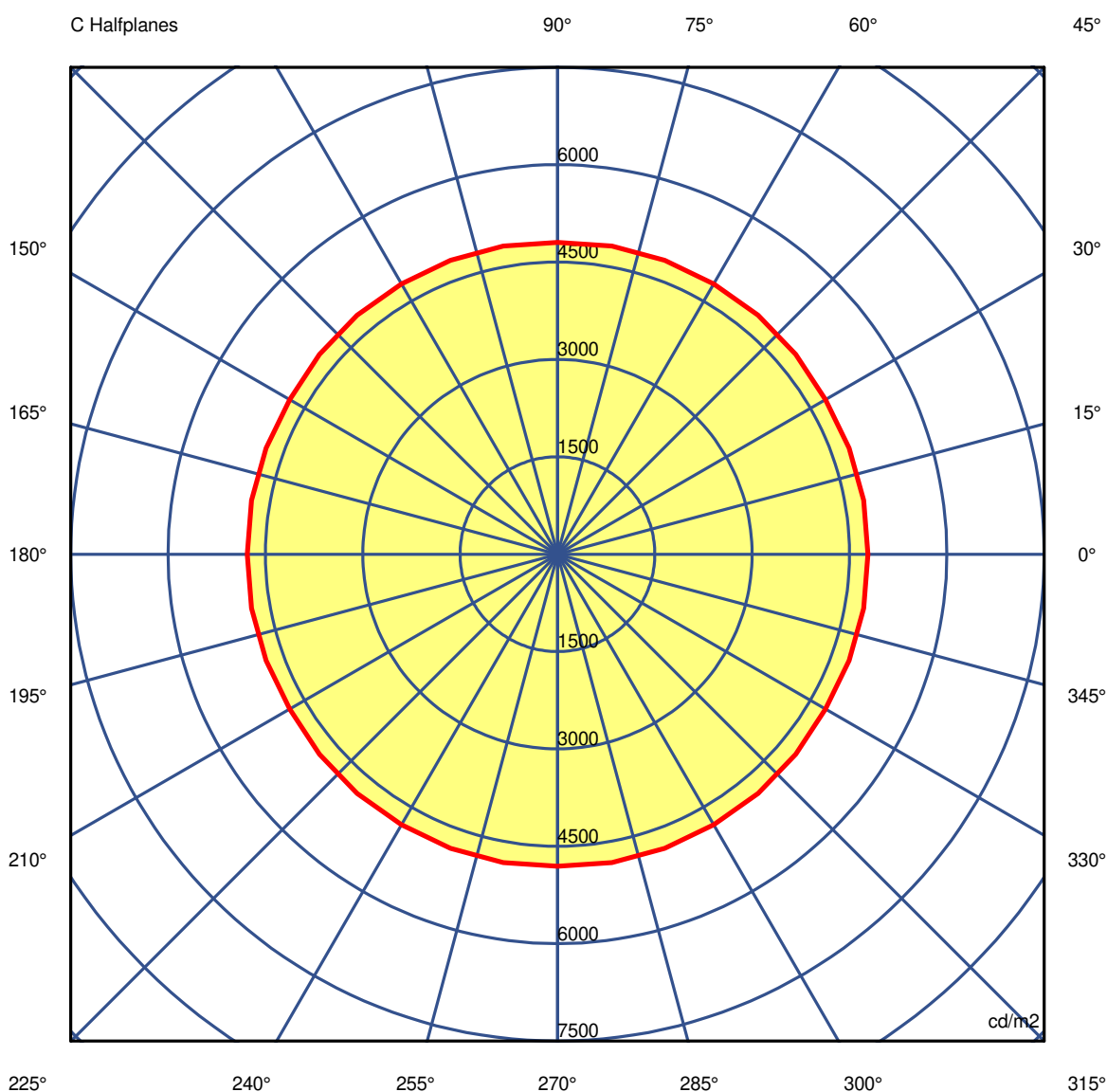
Code 90624L900
Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023
Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Luminaire Flux	11148 lm	Luminaire Power	83.9 W	Efficacy	132.877 lm/W	Efficiency	71.65%
Source Flux	15560 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

Code 90624L900

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Luminaire Flux	11148 lm	Luminaire Power		83.9 W		Efficacy		132.877 lm/W		Efficiency		71.65%	
Source Flux	15560 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	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867
G 5.0	6779	6777	6776	6776	6776	6776	6776	6776	6776	6776	6776	6776	6776
G 10.0	6659	6661	6662	6662	6660	6659	6659	6659	6659	6659	6659	6659	6659
G 15.0	6531	6529	6527	6523	6519	6517	6515	6517	6519	6523	6519	6517	6515
G 20.0	6377	6380	6375	6361	6347	6340	6340	6344	6354	6369	6354	6344	6340
G 25.0	6167	6173	6167	6154	6147	6145	6146	6148	6155	6167	6155	6148	6146
G 30.0	5900	5907	5907	5905	5917	5930	5930	5919	5914	5914	5914	5919	5930
G 35.0	5599	5603	5606	5616	5645	5668	5668	5645	5625	5619	5625	5645	5668
G 40.0	5246	5246	5250	5267	5298	5315	5313	5305	5288	5264	5288	5305	5313
G 45.0	4781	4790	4778	4765	4790	4809	4810	4820	4820	4804	4820	4820	4810
G 50.0	4127	4127	4122	4061	3900	3740	3718	3905	4101	4214	4101	3905	3718
G 55.0	3399	3356	3307	3251	2871	2502	2489	2933	3328	3471	3328	2933	2489
G 60.0	2674	2649	2569	2396	2156	2066	2143	2227	2425	2759	2425	2227	2143
G 65.0	2280	2245	2111	1830	1701	1758	1820	1710	1822	2266	1822	1710	1820
G 70.0	1923	1882	1732	1476	1513	1555	1521	1447	1571	1918	1571	1447	1521
G 75.0	1531	1494	1322	1152	1249	1329	1260	1203	1302	1551	1302	1203	1260
G 80.0	1241	1271	1220	1137	1154	1166	1137	1099	1132	1241	1132	1099	1137
G 85.0	891	843	865	940	969	912	854	921	947	866	947	921	854
G 90.0	582	599	603	562	449	361	312	238	208	208	208	238	312

Luminaire

Code 90624L900

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Measurement

Code 26/7/2023

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Luminaire Flux	11148 lm		Luminaire Power		83.9 W		Efficacy		132.877 lm/W		Efficiency		71.65%	
Source Flux	15560 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	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867	
G 5.0	6776	6776	6776	6776	6777	6779	6777	6776	6776	6776	6776	6776	6776	
G 10.0	6659	6660	6662	6662	6661	6659	6661	6662	6662	6660	6659	6659	6659	
G 15.0	6517	6519	6523	6527	6529	6531	6529	6527	6523	6519	6517	6515	6517	
G 20.0	6340	6347	6361	6375	6380	6377	6380	6375	6361	6347	6340	6340	6344	
G 25.0	6145	6147	6154	6167	6173	6167	6173	6167	6154	6147	6145	6146	6148	
G 30.0	5930	5917	5905	5907	5907	5900	5907	5907	5905	5917	5930	5930	5919	
G 35.0	5668	5645	5616	5606	5603	5599	5603	5606	5616	5645	5668	5668	5645	
G 40.0	5315	5298	5267	5250	5246	5246	5246	5250	5267	5298	5315	5313	5305	
G 45.0	4809	4790	4765	4778	4790	4781	4790	4778	4765	4790	4809	4810	4820	
G 50.0	3740	3900	4061	4122	4127	4127	4127	4122	4061	3900	3740	3718	3905	
G 55.0	2502	2871	3251	3307	3356	3399	3356	3307	3251	2871	2502	2489	2933	
G 60.0	2066	2156	2396	2569	2649	2674	2649	2569	2396	2156	2066	2143	2227	
G 65.0	1758	1701	1830	2111	2245	2280	2245	2111	1830	1701	1758	1820	1710	
G 70.0	1555	1513	1476	1732	1882	1923	1882	1732	1476	1513	1555	1521	1447	
G 75.0	1329	1249	1152	1322	1494	1531	1494	1322	1152	1249	1329	1260	1203	
G 80.0	1166	1154	1137	1220	1271	1241	1271	1220	1137	1154	1166	1137	1099	
G 85.0	912	969	940	865	843	891	843	865	940	969	912	854	921	
G 90.0	361	449	562	603	599	582	599	603	562	449	361	312	238	

Luminaire

Code 90624L900

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

Name ROFY 85 D/I D0900 GCONTROL+ 840 HO

Luminaire Flux	11148 lm	Luminaire Power	83.9 W	Efficacy	132.877 lm/W	Efficiency	71.65%
Source Flux	15560 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	6867	6867	6867	6867	6867	6867	6867	6867	6867	6867
G 5.0	6776	6776	6776	6776	6776	6776	6776	6776	6776	6777
G 10.0	6659	6659	6659	6659	6659	6659	6660	6662	6662	6661
G 15.0	6519	6523	6519	6517	6515	6517	6519	6523	6527	6529
G 20.0	6354	6369	6354	6344	6340	6340	6347	6361	6375	6380
G 25.0	6155	6167	6155	6148	6146	6145	6147	6154	6167	6173
G 30.0	5914	5914	5914	5919	5930	5930	5917	5905	5907	5907
G 35.0	5625	5619	5625	5645	5668	5668	5645	5616	5606	5603
G 40.0	5288	5264	5288	5305	5313	5315	5298	5267	5250	5246
G 45.0	4820	4804	4820	4820	4810	4809	4790	4765	4778	4790
G 50.0	4101	4214	4101	3905	3718	3740	3900	4061	4122	4127
G 55.0	3328	3471	3328	2933	2489	2502	2871	3251	3307	3356
G 60.0	2425	2759	2425	2227	2143	2066	2156	2396	2569	2649
G 65.0	1822	2266	1822	1710	1820	1758	1701	1830	2111	2245
G 70.0	1571	1918	1571	1447	1521	1555	1513	1476	1732	1882
G 75.0	1302	1551	1302	1203	1260	1329	1249	1152	1322	1494
G 80.0	1132	1241	1132	1099	1137	1166	1154	1137	1220	1271
G 85.0	947	866	947	921	854	912	969	940	865	843
G 90.0	208	208	208	238	312	361	449	562	603	599