

Luminaire

Code 90624L900

Name ROFY 85 D/I D0900 GCONTROL+ K3 830 HO

Measurem.

Code 26/7/2023

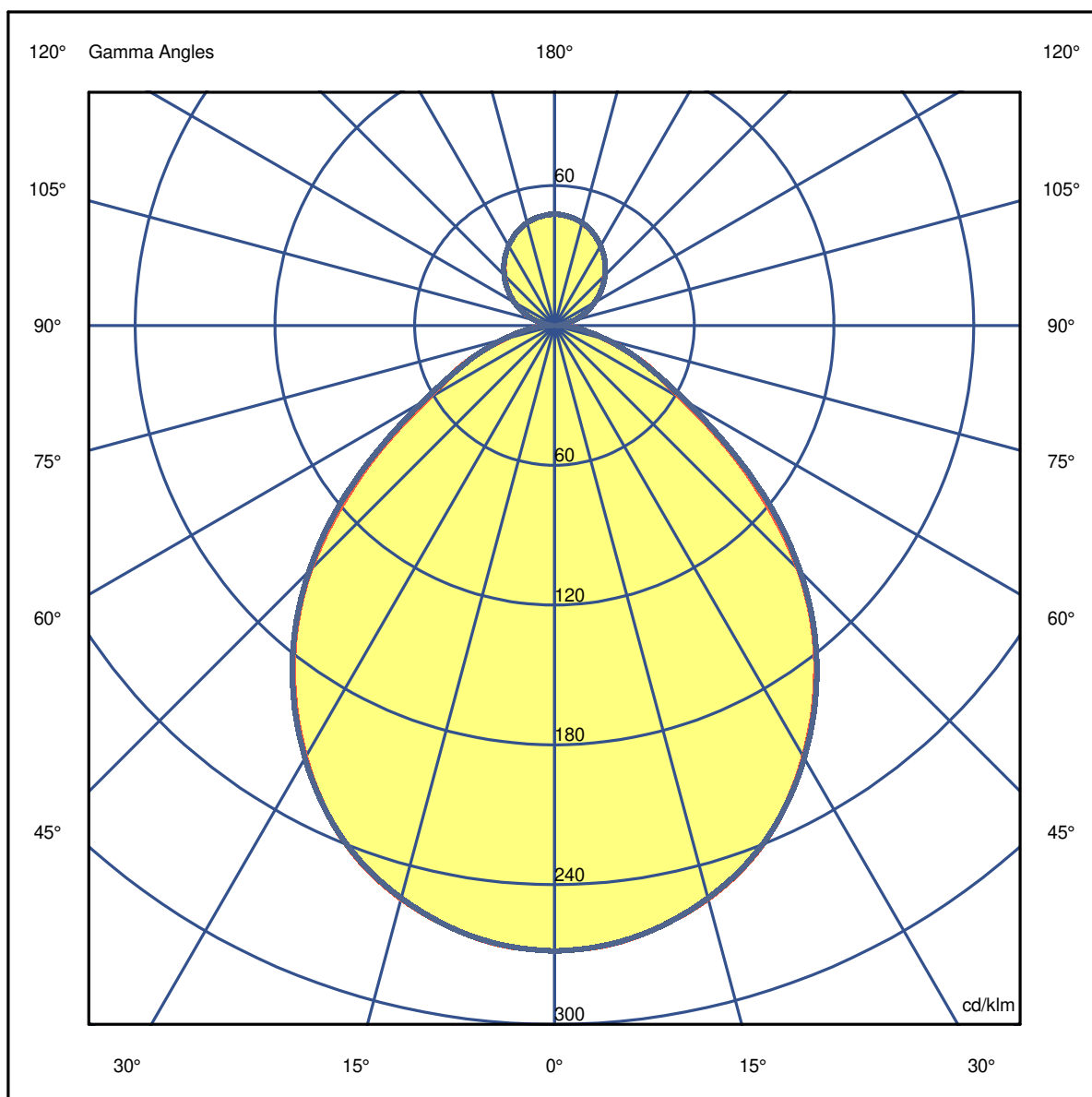
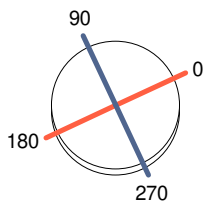
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Luminaire Flux	10650 lm	Luminaire Power	83.9 W	Efficacy	126.933 lm/W	Efficiency	71.65%
Source Flux	14864 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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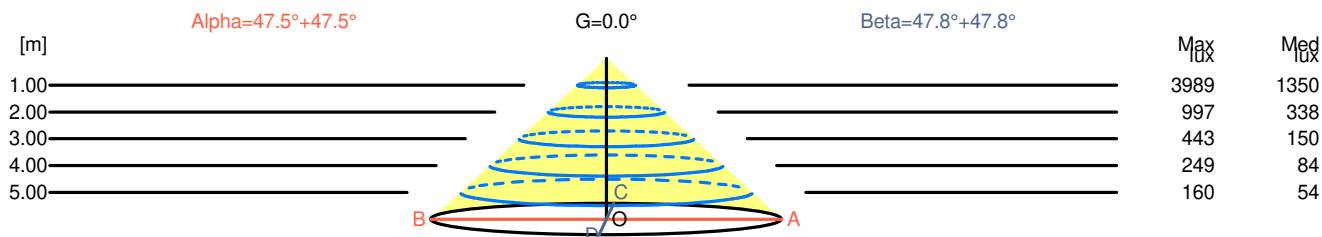
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Width at 50.00 % of Max Intensity

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	3989.50	3965.72	3785.86	3433.58	2894.02	2205.82	1331.81	707.53	335.93	108.51
OB	3989.50	3965.72	3785.86	3433.58	2894.02	2205.82	1331.81	707.53	335.93	108.51
OC	3989.50	3964.23	3781.40	3433.58	2904.43	2216.22	1360.06	703.07	340.39	105.53
OD	3989.50	3964.23	3781.40	3433.58	2904.43	2216.22	1360.06	703.07	340.39	105.53



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0	
1.00	2.18	3989	1350			
2.00	4.36	997	338			
3.00	6.54	443	150			
4.00	8.72	249	84			
5.00	10.90	160	54			

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0	
1.00	2.20	3989	1350			
2.00	4.40	997	338			
3.00	6.61	443	150			
4.00	8.81	249	84			
5.00	11.01	160	54			

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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	15.1	16.1	15.6	16.6	17.1	14.7	15.7	15.3	16.2	16.8
x=2H y=3H	15.8	16.7	16.4	17.2	17.8	15.3	16.2	15.9	16.7	17.3
x=2H y=4H	16.0	16.9	16.6	17.4	18.1	15.5	16.3	16.1	16.9	17.5
x=2H y=6H	16.2	17.0	16.8	17.5	18.2	15.7	16.4	16.3	17.0	17.7
x=2H y=8H	16.3	17.0	16.9	17.6	18.2	15.7	16.5	16.4	17.1	17.7
x=2H y=12H	16.3	17.0	16.9	17.6	18.3	15.8	16.5	16.4	17.1	17.8
x=4H y=2H	15.1	16.0	15.7	16.5	17.2	14.9	15.7	15.5	16.2	16.9
x=4H y=3H	16.0	16.7	16.6	17.3	18.0	15.6	16.3	16.2	16.9	17.6
x=4H y=4H	16.3	16.9	17.0	17.6	18.3	15.9	16.5	16.5	17.1	17.8
x=4H y=6H	16.6	17.1	17.3	17.8	18.5	16.1	16.7	16.8	17.3	18.1
x=4H y=8H	16.7	17.2	17.4	17.9	18.6	16.3	16.7	17.0	17.4	18.2
x=4H y=12H	16.8	17.2	17.5	17.9	18.7	16.4	16.8	17.1	17.5	18.3
x=8H y=4H	16.3	16.8	17.0	17.5	18.3	15.9	16.4	16.6	17.1	17.9
x=8H y=6H	16.7	17.1	17.5	17.8	18.6	16.3	16.7	17.0	17.4	18.2
x=8H y=8H	16.9	17.2	17.6	17.9	18.8	16.5	16.8	17.2	17.5	18.4
x=8H y=12H	17.0	17.3	17.7	18.0	18.9	16.6	16.9	17.4	17.7	18.5
x=12H y=4H	16.3	16.7	17.0	17.4	18.2	15.9	16.3	16.6	17.0	17.8
x=12H y=6H	16.7	17.1	17.5	17.8	18.6	16.3	16.7	17.0	17.4	18.2
x=12H y=8H	16.9	17.2	17.7	18.0	18.8	16.5	16.8	17.3	17.6	18.4

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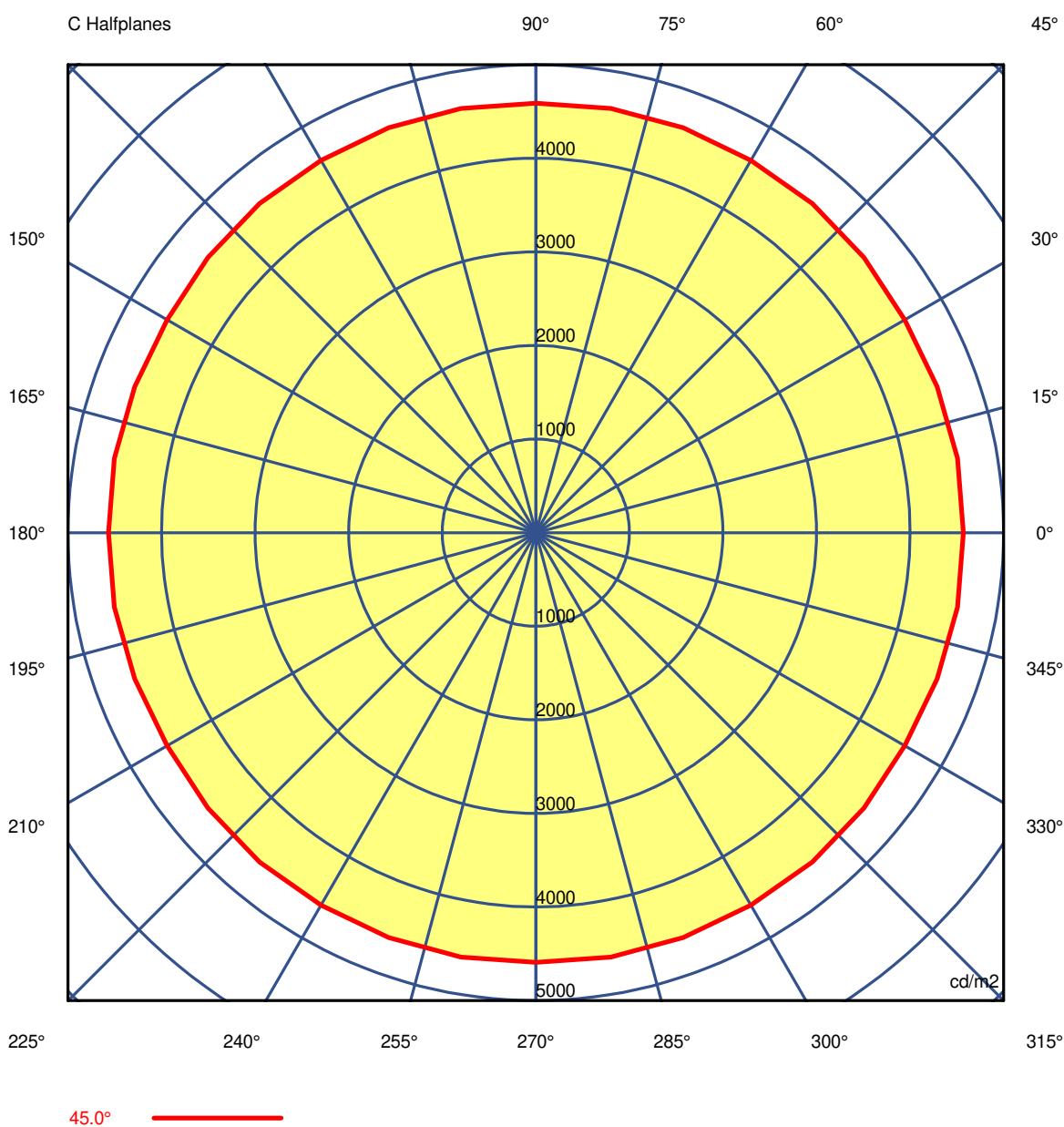
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Luminaire Flux	10650 lm	Luminaire Power	83.9 W	Efficacy	126.933 lm/W	Efficiency	71.65%
Source Flux	14864 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux	10650 lm		Luminaire Power		83.9 W		Efficacy		126.933 lm/W		Efficiency		71.65%	
Source Flux	14864 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	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559	
G 5.0	6476	6474	6473	6473	6473	6473	6473	6473	6473	6473	6473	6473	6473	
G 10.0	6361	6363	6364	6364	6362	6361	6361	6361	6361	6361	6361	6361	6361	
G 15.0	6239	6237	6235	6231	6228	6225	6224	6225	6228	6231	6228	6225	6224	
G 20.0	6091	6095	6090	6076	6063	6057	6056	6060	6070	6084	6070	6060	6056	
G 25.0	5891	5897	5892	5878	5872	5870	5871	5873	5880	5891	5880	5873	5871	
G 30.0	5636	5643	5642	5641	5653	5665	5665	5654	5649	5649	5649	5654	5665	
G 35.0	5348	5352	5355	5365	5392	5415	5414	5392	5374	5367	5374	5392	5414	
G 40.0	5012	5012	5015	5032	5061	5077	5075	5067	5052	5029	5052	5067	5075	
G 45.0	4567	4576	4564	4552	4576	4594	4595	4604	4605	4589	4605	4604	4595	
G 50.0	3943	3943	3938	3880	3726	3572	3551	3730	3918	4026	3918	3730	3551	
G 55.0	3247	3206	3159	3106	2743	2390	2377	2802	3180	3316	3180	2802	2377	
G 60.0	2555	2531	2454	2289	2060	1974	2047	2128	2317	2635	2317	2128	2047	
G 65.0	2178	2145	2016	1748	1625	1679	1739	1633	1741	2164	1741	1633	1739	
G 70.0	1837	1798	1655	1410	1446	1485	1453	1383	1500	1832	1500	1383	1453	
G 75.0	1463	1427	1263	1100	1194	1270	1204	1149	1244	1482	1244	1149	1204	
G 80.0	1186	1214	1165	1086	1103	1114	1086	1050	1081	1186	1081	1050	1086	
G 85.0	851	805	827	897	926	871	816	880	905	828	905	880	816	
G 90.0	556	572	576	537	429	345	298	227	199	199	199	227	298	

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Source Flux	14864 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	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559
G 5.0	6473	6473	6473	6473	6474	6476	6474	6473	6473	6473	6473	6473	6473
G 10.0	6361	6362	6364	6364	6363	6361	6363	6364	6364	6362	6361	6361	6361
G 15.0	6225	6228	6231	6235	6237	6239	6237	6235	6231	6228	6225	6224	6225
G 20.0	6057	6063	6076	6090	6095	6091	6095	6090	6076	6063	6057	6056	6060
G 25.0	5870	5872	5878	5892	5897	5891	5897	5892	5878	5872	5870	5871	5873
G 30.0	5665	5653	5641	5642	5643	5636	5643	5642	5641	5653	5665	5665	5654
G 35.0	5415	5392	5365	5355	5352	5348	5352	5355	5365	5392	5415	5414	5392
G 40.0	5077	5061	5032	5015	5012	5012	5012	5015	5032	5061	5077	5075	5067
G 45.0	4594	4576	4552	4564	4576	4567	4576	4564	4552	4576	4594	4595	4604
G 50.0	3572	3726	3880	3938	3943	3943	3943	3938	3880	3726	3572	3551	3730
G 55.0	2390	2743	3106	3159	3206	3247	3206	3159	3106	2743	2390	2377	2802
G 60.0	1974	2060	2289	2454	2531	2555	2531	2454	2289	2060	1974	2047	2128
G 65.0	1679	1625	1748	2016	2145	2178	2145	2016	1748	1625	1679	1739	1633
G 70.0	1485	1446	1410	1655	1798	1837	1798	1655	1410	1446	1485	1453	1383
G 75.0	1270	1194	1100	1263	1427	1463	1427	1263	1100	1194	1270	1204	1149
G 80.0	1114	1103	1086	1165	1214	1186	1214	1165	1086	1103	1114	1086	1050
G 85.0	871	926	897	827	805	851	805	827	897	926	871	816	880
G 90.0	345	429	537	576	572	556	572	576	537	429	345	298	227

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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	6559	6559	6559	6559	6559	6559	6559	6559	6559	6559
G 5.0	6473	6473	6473	6473	6473	6473	6473	6473	6473	6474
G 10.0	6361	6361	6361	6361	6361	6361	6362	6364	6364	6363
G 15.0	6228	6231	6228	6225	6224	6225	6228	6231	6235	6237
G 20.0	6070	6084	6070	6060	6056	6057	6063	6076	6090	6095
G 25.0	5880	5891	5880	5873	5871	5870	5872	5878	5892	5897
G 30.0	5649	5649	5649	5654	5665	5665	5653	5641	5642	5643
G 35.0	5374	5367	5374	5392	5414	5415	5392	5365	5355	5352
G 40.0	5052	5029	5052	5067	5075	5077	5061	5032	5015	5012
G 45.0	4605	4589	4605	4604	4595	4594	4576	4552	4564	4576
G 50.0	3918	4026	3918	3730	3551	3572	3726	3880	3938	3943
G 55.0	3180	3316	3180	2802	2377	2390	2743	3106	3159	3206
G 60.0	2317	2635	2317	2128	2047	1974	2060	2289	2454	2531
G 65.0	1741	2164	1741	1633	1739	1679	1625	1748	2016	2145
G 70.0	1500	1832	1500	1383	1453	1485	1446	1410	1655	1798
G 75.0	1244	1482	1244	1149	1204	1270	1194	1100	1263	1427
G 80.0	1081	1186	1081	1050	1086	1114	1103	1086	1165	1214
G 85.0	905	828	905	880	816	871	926	897	827	805
G 90.0	199	199	199	227	298	345	429	537	576	572