

Luminaire

Code 90587L400

Name ROFY 60 D/I D0400 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D0400 GCONTROL+ 840 HO

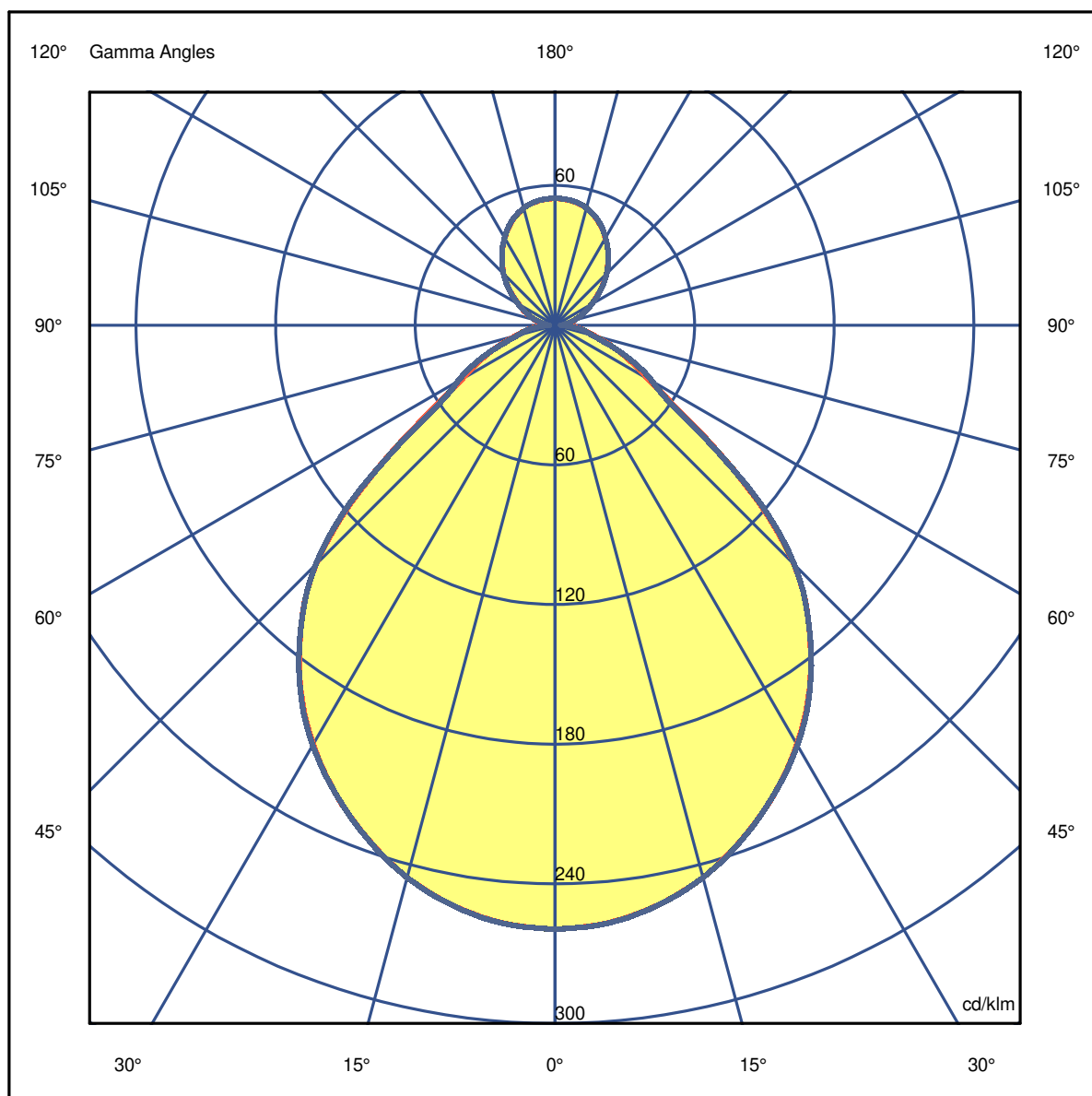
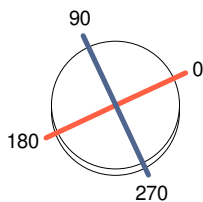
Luminaire Flux	3932 lm	Luminaire Power	31.7 W	Efficacy	123.880 lm/W	Efficiency	70.45%
Source Flux	5581 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



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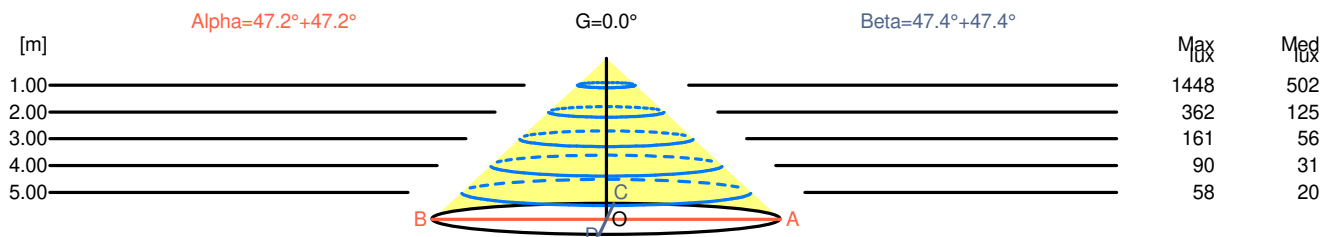
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Luminaire Flux	3932 lm	Luminaire Power	31.7 W	Efficacy	123.880 lm/W	Efficiency	70.45%
Source Flux	5581 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.08	2.16	3.25	4.33	5.41	OC	1.09	2.17	3.26	4.35	5.44
OB	1.08	2.16	3.25	4.33	5.41	OD	1.09	2.17	3.26	4.35	5.44

	0	5	15	25	35	45	55	65	75	85
OA	1447.71	1438.78	1370.69	1241.77	1063.74	810.92	376.72	197.01	97.11	45.21
OB	1447.71	1438.78	1370.69	1241.77	1063.74	810.92	376.72	197.01	97.11	45.21
OC	1447.71	1439.34	1370.69	1241.77	1065.97	812.04	363.32	207.06	92.64	37.39
OD	1447.71	1439.34	1370.69	1241.77	1065.97	812.04	363.32	207.06	92.64	37.39



H[m]	D[m]	Max lux	Med lux	Alpha=47.2°+47.2°	G=0.0	
1.00	2.16	1448	502			
2.00	4.33	362	125			
3.00	6.49	161	56			
4.00	8.65	90	31			
5.00	10.82	58	20			

H[m]	D[m]	Max lux	Med lux	Beta=47.4°+47.4°	G=0.0	
1.00	2.17	1448	502			
2.00	4.35	362	125			
3.00	6.52	161	56			
4.00	8.70	90	31			
5.00	10.87	58	20			

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Luminaire Flux	3932 lm	Luminaire Power	31.7 W	Efficacy	123.880 lm/W	Efficiency	70.45%
Source Flux	5581 lm	Maximum value	259.40 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	16.3	17.2	16.8	17.8	18.4	16.6	17.6	17.1	18.1	18.7
x=2H y=3H	16.7	17.5	17.3	18.1	18.7	16.9	17.8	17.5	18.3	19.0
x=2H y=4H	16.8	17.6	17.4	18.2	18.9	17.0	17.8	17.6	18.4	19.1
x=2H y=6H	16.9	17.6	17.5	18.3	19.0	17.1	17.8	17.7	18.4	19.1
x=2H y=8H	17.0	17.7	17.6	18.3	19.0	17.1	17.8	17.8	18.4	19.2
x=2H y=12H	17.0	17.7	17.6	18.3	19.0	17.1	17.8	17.8	18.4	19.1
x=4H y=2H	16.5	17.3	17.1	17.9	18.6	16.8	17.6	17.4	18.2	18.9
x=4H y=3H	17.1	17.7	17.7	18.4	19.1	17.4	18.1	18.0	18.7	19.4
x=4H y=4H	17.3	17.8	17.9	18.5	19.2	17.6	18.1	18.2	18.8	19.5
x=4H y=6H	17.4	17.9	18.1	18.6	19.4	17.7	18.2	18.4	18.9	19.7
x=4H y=8H	17.5	18.0	18.2	18.7	19.5	17.8	18.2	18.5	18.9	19.7
x=4H y=12H	17.6	18.0	18.3	18.7	19.5	17.8	18.2	18.5	18.9	19.8
x=8H y=4H	17.3	17.8	18.0	18.5	19.3	17.6	18.1	18.3	18.8	19.6
x=8H y=6H	17.6	18.0	18.3	18.7	19.6	17.9	18.2	18.6	19.0	19.8
x=8H y=8H	17.8	18.1	18.5	18.8	19.7	18.0	18.3	18.7	19.0	19.9
x=8H y=12H	17.9	18.1	18.6	18.9	19.8	18.0	18.3	18.8	19.1	20.0
x=12H y=4H	17.3	17.7	18.0	18.4	19.2	17.6	18.0	18.3	18.7	19.5
x=12H y=6H	17.6	17.9	18.4	18.7	19.5	17.9	18.2	18.6	18.9	19.8
x=12H y=8H	17.8	18.1	18.5	18.8	19.7	18.0	18.3	18.7	19.0	19.9

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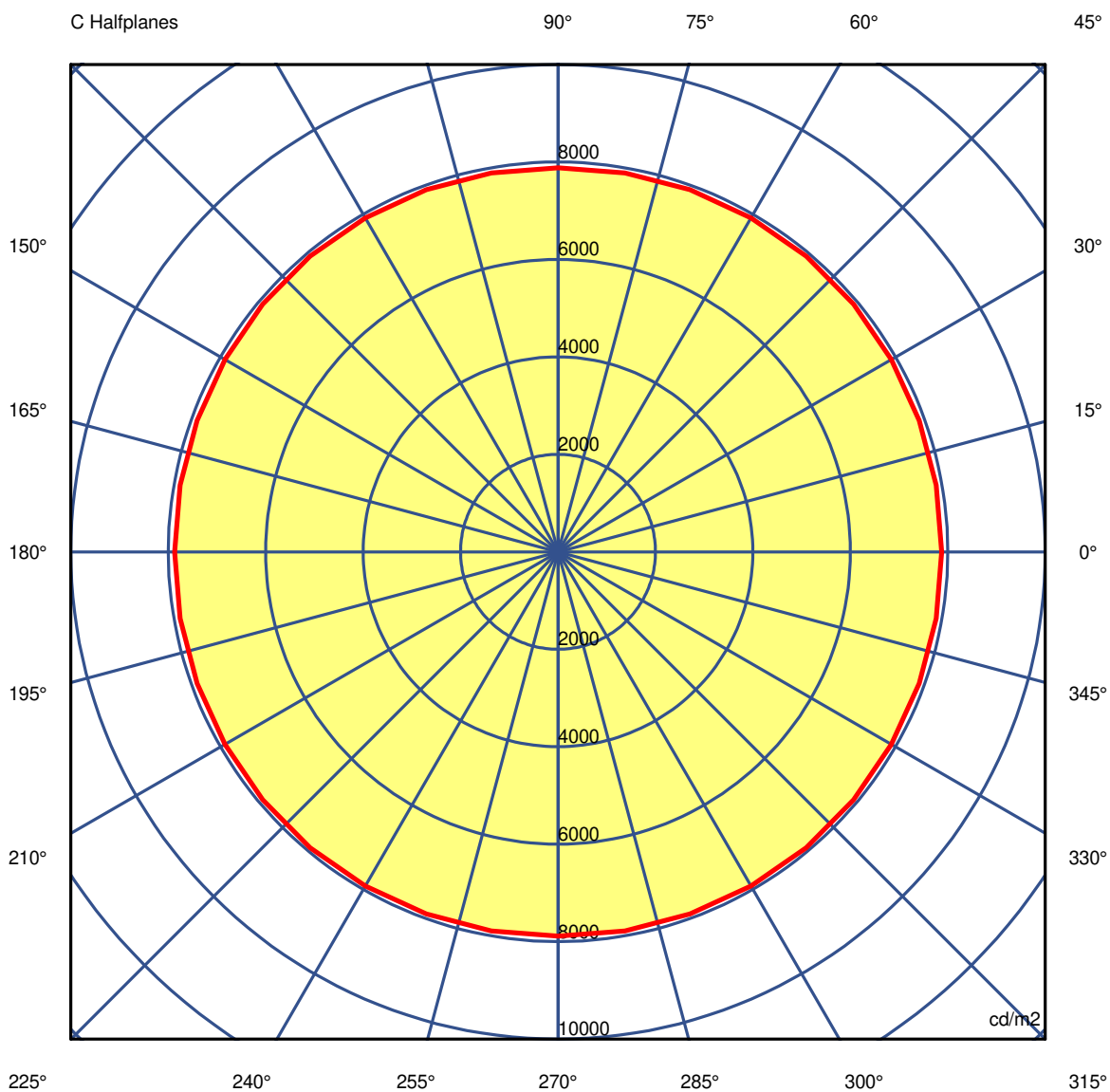
Measurem.

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Luminaire Flux	3932 lm	Luminaire Power	31.7 W	Efficacy	123.880 lm/W	Efficiency	70.45%
Source Flux	5581 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	3932 lm		Luminaire Power		31.7 W		Efficacy		123.880 lm/W		Efficiency		70.45%	
Source Flux	5581 lm		Maximum value		259.40 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	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765	
G 5.0	12425	12425	12425	12425	12429	12429	12425	12424	12427	12430	12427	12424	12425	
G 10.0	12038	12042	12042	12042	12046	12046	12042	12046	12047	12042	12047	12046	12042	
G 15.0	11625	11625	11628	11635	11639	11640	11639	11637	11632	11625	11632	11637	11639	
G 20.0	11151	11156	11166	11184	11208	11222	11217	11200	11178	11155	11178	11200	11217	
G 25.0	10685	10667	10673	10684	10700	10713	10713	10694	10676	10665	10676	10694	10713	
G 30.0	10145	10165	10154	10126	10126	10126	10126	10129	10139	10165	10139	10129	10126	
G 35.0	9546	9560	9542	9501	9478	9466	9466	9489	9526	9566	9526	9489	9466	
G 40.0	8809	8824	8818	8794	8768	8750	8752	8783	8808	8814	8808	8783	8752	
G 45.0	7870	7877	7886	7898	7913	7922	7919	7909	7896	7881	7896	7909	7919	
G 50.0	6139	6177	6273	6464	6594	6668	6665	6530	6357	6202	6357	6530	6665	
G 55.0	4117	3893	4259	4983	5272	5332	5330	5144	4669	3970	4669	5144	5330	
G 60.0	3052	3120	3202	3407	3825	4121	4034	3592	3257	3183	3257	3592	4034	
G 65.0	2552	2695	2627	2516	2985	3411	3296	2702	2423	2682	2423	2702	3296	
G 70.0	2050	2034	1973	1994	2393	2714	2623	2198	2015	2010	2015	2198	2623	
G 75.0	1604	1567	1478	1465	1712	1917	1862	1600	1458	1530	1458	1600	1862	
G 80.0	1355	1362	1402	1463	1499	1508	1485	1420	1363	1333	1363	1420	1485	
G 85.0	1075	1047	1053	1061	949	854	862	933	951	889	951	933	862	
G 90.0	587	576	565	553	533	500	467	454	440	415	440	454	467	

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Source Flux	5581 lm		Maximum value		259.40 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	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765	
G 5.0	12429	12429	12425	12425	12425	12425	12425	12425	12425	12429	12429	12425	12425	
G 10.0	12046	12046	12042	12042	12042	12038	12042	12042	12042	12046	12046	12042	12046	
G 15.0	11640	11639	11635	11628	11625	11625	11625	11628	11635	11639	11640	11639	11637	
G 20.0	11222	11208	11184	11166	11156	11151	11156	11166	11184	11208	11222	11217	11200	
G 25.0	10713	10700	10684	10673	10667	10665	10667	10673	10684	10700	10713	10713	10694	
G 30.0	10126	10126	10126	10154	10165	10145	10165	10154	10126	10126	10126	10126	10129	
G 35.0	9466	9478	9501	9542	9560	9546	9560	9542	9501	9478	9466	9466	9489	
G 40.0	8750	8768	8794	8818	8824	8809	8824	8818	8794	8768	8750	8752	8783	
G 45.0	7922	7913	7898	7886	7877	7870	7877	7886	7898	7913	7922	7919	7909	
G 50.0	6668	6594	6464	6273	6177	6139	6177	6273	6464	6594	6668	6665	6530	
G 55.0	5332	5272	4983	4259	3893	4117	3893	4259	4983	5272	5332	5330	5144	
G 60.0	4121	3825	3407	3202	3120	3052	3120	3202	3407	3825	4121	4034	3592	
G 65.0	3411	2985	2516	2627	2695	2552	2695	2627	2516	2985	3411	3296	2702	
G 70.0	2714	2393	1994	1973	2034	2050	2034	1973	1994	2393	2714	2623	2198	
G 75.0	1917	1712	1465	1478	1567	1604	1567	1478	1465	1712	1917	1862	1600	
G 80.0	1508	1499	1463	1402	1362	1355	1362	1402	1463	1499	1508	1485	1420	
G 85.0	854	949	1061	1053	1047	1075	1047	1053	1061	949	854	862	933	
G 90.0	500	533	553	565	576	587	576	565	553	533	500	467	454	

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Source Flux	5581 lm	Maximum value	259.40 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	12765	12765	12765	12765	12765	12765	12765	12765	12765	12765
G 5.0	12427	12430	12427	12424	12425	12429	12429	12425	12425	12425
G 10.0	12047	12042	12047	12046	12042	12046	12046	12042	12042	12042
G 15.0	11632	11625	11632	11637	11639	11640	11639	11635	11628	11625
G 20.0	11178	11155	11178	11200	11217	11222	11208	11184	11166	11156
G 25.0	10676	10665	10676	10694	10713	10713	10700	10684	10673	10667
G 30.0	10139	10165	10139	10129	10126	10126	10126	10126	10154	10165
G 35.0	9526	9566	9526	9489	9466	9466	9478	9501	9542	9560
G 40.0	8808	8814	8808	8783	8752	8750	8768	8794	8818	8824
G 45.0	7896	7881	7896	7909	7919	7922	7913	7898	7886	7877
G 50.0	6357	6202	6357	6530	6665	6668	6594	6464	6273	6177
G 55.0	4669	3970	4669	5144	5330	5332	5272	4983	4259	3893
G 60.0	3257	3183	3257	3592	4034	4121	3825	3407	3202	3120
G 65.0	2423	2682	2423	2702	3296	3411	2985	2516	2627	2695
G 70.0	2015	2010	2015	2198	2623	2714	2393	1994	1973	2034
G 75.0	1458	1530	1458	1600	1862	1917	1712	1465	1478	1567
G 80.0	1363	1333	1363	1420	1485	1508	1499	1463	1402	1362
G 85.0	951	889	951	933	862	854	949	1061	1053	1047
G 90.0	440	415	440	454	467	500	533	553	565	576