

Luminaire

Code 90590L400

Name ROFY 60 D/I D0400 LIGHT+ 840 LO

Measurem.

Code 4/8/2023

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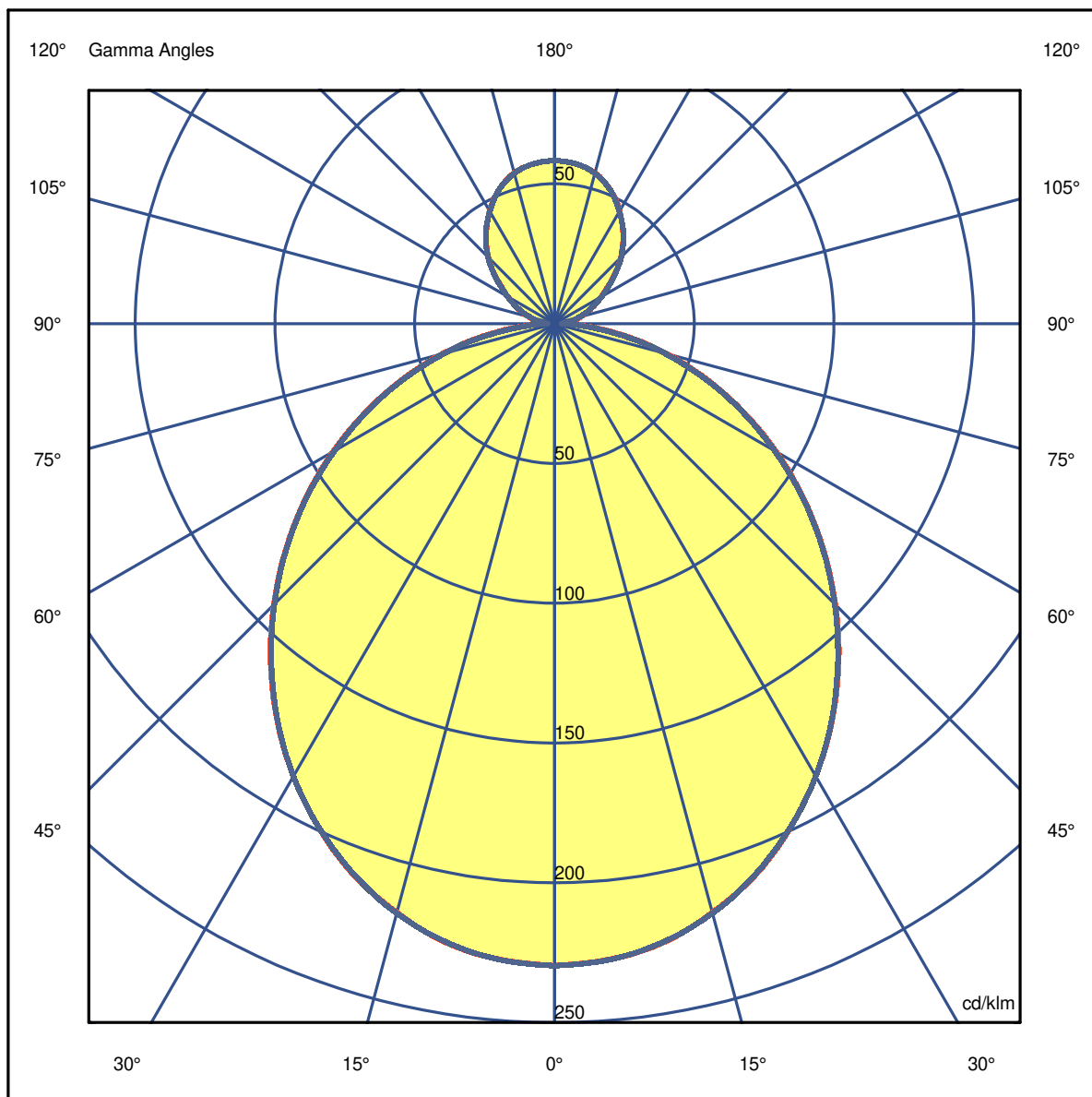
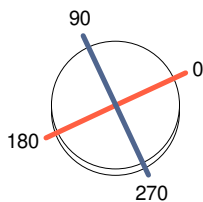
Luminaire Flux	3030 lm	Luminaire Power	22.1 W	Efficacy	137.034 lm/W	Efficiency	76.86%
Source Flux	3942 lm	Maximum value	229.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=400mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



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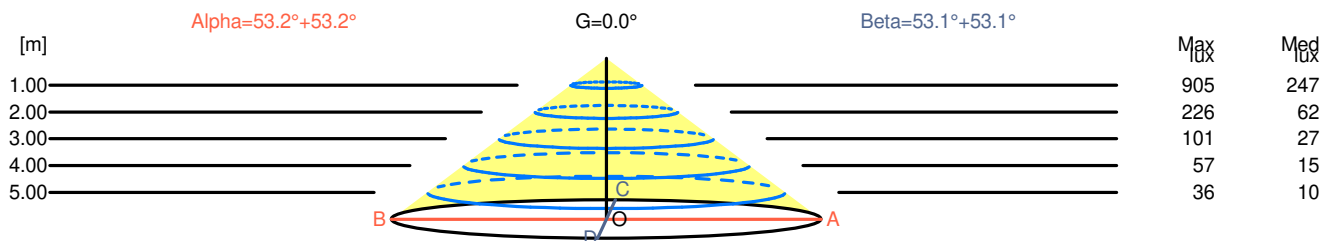
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Width at 50.00 % of Max Intensity

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	1.34	2.67	4.01	5.34	6.68	OC	1.33	2.66	3.99	5.33	6.66
OB	1.34	2.67	4.01	5.34	6.68	OD	1.33	2.66	3.99	5.33	6.66

	0	5	15	25	35	45	55	65	75	85
OA	905.08	899.56	859.75	785.25	682.36	560.16	428.10	293.28	163.20	48.88
OB	905.08	899.56	859.75	785.25	682.36	560.16	428.10	293.28	163.20	48.88
OC	905.08	899.96	860.54	784.85	681.57	558.98	426.92	290.92	160.44	42.57
OD	905.08	899.96	860.54	784.85	681.57	558.98	426.92	290.92	160.44	42.57



H[m]	D[m]	Max lux	Med lux	Alpha=53.2°+53.2°	G=0.0
1.00	2.67	905	247		
2.00	5.34	226	62		
3.00	8.01	101	27		
4.00	10.68	57	15		
5.00	13.35	36	10		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.66	905	247		
2.00	5.33	226	62		
3.00	7.99	101	27		
4.00	10.65	57	15		
5.00	13.32	36	10		

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Source Flux	3942 lm	Maximum value	229.60 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	16.7	17.8	17.3	18.4	19.0	16.7	17.8	17.3	18.3	18.9
x=2H y=3H	18.0	19.0	18.6	19.5	20.2	17.9	18.9	18.5	19.5	20.1
x=2H y=4H	18.5	19.4	19.1	20.0	20.6	18.4	19.3	19.0	19.9	20.6
x=2H y=6H	18.8	19.6	19.4	20.2	20.9	18.7	19.5	19.3	20.1	20.8
x=2H y=8H	18.8	19.6	19.5	20.2	21.0	18.8	19.5	19.4	20.2	20.9
x=2H y=12H	18.9	19.6	19.5	20.2	21.0	18.8	19.5	19.4	20.1	20.9
x=4H y=2H	17.2	18.1	17.8	18.7	19.4	17.2	18.1	17.8	18.7	19.4
x=4H y=3H	18.7	19.4	19.3	20.1	20.8	18.6	19.4	19.3	20.0	20.7
x=4H y=4H	19.3	19.9	19.9	20.6	21.3	19.2	19.9	19.9	20.5	21.3
x=4H y=6H	19.6	20.2	20.3	20.9	21.7	19.6	20.2	20.3	20.8	21.6
x=4H y=8H	19.8	20.3	20.5	21.0	21.8	19.7	20.2	20.4	20.9	21.7
x=4H y=12H	19.8	20.3	20.5	21.0	21.8	19.7	20.2	20.4	20.9	21.7
x=8H y=4H	19.4	20.0	20.1	20.6	21.5	19.4	19.9	20.1	20.6	21.4
x=8H y=6H	19.9	20.4	20.6	21.1	21.9	19.8	20.3	20.6	21.0	21.8
x=8H y=8H	20.1	20.5	20.8	21.2	22.1	20.0	20.4	20.7	21.1	22.0
x=8H y=12H	20.2	20.5	21.0	21.3	22.1	20.1	20.4	20.8	21.1	22.0
x=12H y=4H	19.4	19.9	20.1	20.6	21.4	19.3	19.8	20.1	20.5	21.4
x=12H y=6H	19.9	20.3	20.7	21.0	21.9	19.9	20.2	20.6	21.0	21.8
x=12H y=8H	20.1	20.5	20.9	21.2	22.1	20.0	20.4	20.8	21.1	22.0

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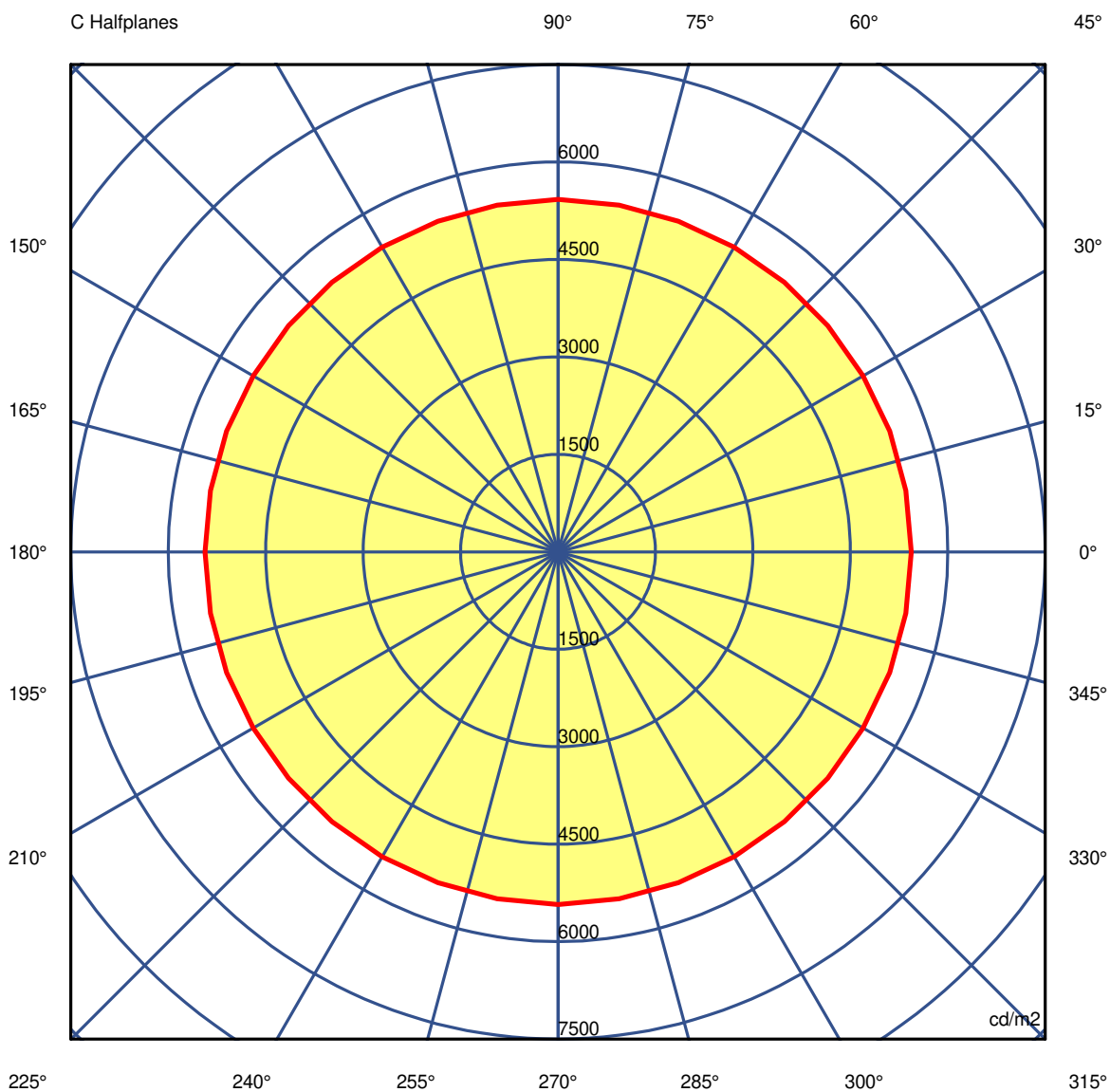
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Luminaire Flux	3030 lm	Luminaire Power	22.1 W	Efficacy	137.034 lm/W	Efficiency	76.86%
Source Flux	3942 lm	Maximum value	229.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	3942 lm		Maximum value		229.60 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	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	
G 5.0	7769	7771	7773	7775	7776	7774	7772	7777	7778	7772	7778	7777	7777	7772	
G 10.0	7551	7551	7551	7551	7547	7543	7541	7541	7542	7545	7542	7541	7541	7541	
G 15.0	7292	7296	7302	7305	7298	7295	7298	7298	7298	7298	7298	7298	7298	7298	
G 20.0	7035	7032	7031	7031	7027	7023	7021	7023	7026	7028	7026	7023	7021	7021	
G 25.0	6744	6744	6743	6741	6738	6737	6737	6737	6738	6741	6738	6737	6737	6737	
G 30.0	6442	6445	6444	6439	6430	6429	6432	6432	6434	6442	6434	6432	6432	6432	
G 35.0	6124	6121	6120	6120	6116	6112	6110	6106	6108	6117	6108	6106	6110	6110	
G 40.0	5790	5790	5789	5783	5772	5768	5768	5768	5770	5775	5770	5768	5768	5768	
G 45.0	5437	5437	5432	5421	5419	5418	5418	5418	5419	5425	5419	5418	5418	5418	
G 50.0	5067	5061	5057	5055	5052	5047	5042	5044	5049	5055	5049	5044	5042	5042	
G 55.0	4678	4678	4674	4661	4654	4652	4652	4648	4652	4665	4652	4648	4652	4652	
G 60.0	4260	4260	4255	4241	4230	4225	4222	4221	4225	4232	4225	4221	4222	4222	
G 65.0	3799	3792	3786	3778	3768	3758	3753	3755	3761	3768	3761	3755	3753	3753	
G 70.0	3284	3281	3275	3261	3240	3233	3233	3233	3238	3255	3238	3233	3233	3233	
G 75.0	2695	2682	2671	2663	2655	2642	2630	2632	2641	2650	2641	2632	2630	2630	
G 80.0	2013	1998	1982	1967	1952	1936	1921	1908	1908	1921	1908	1908	1921	1921	
G 85.0	1162	1149	1137	1115	1072	1032	1012	1012	1012	1012	1012	1012	1012	1012	
G 90.0	464	464	456	439	432	418	391	365	345	330	345	365	391	391	

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Source Flux	3942 lm		Maximum value		229.60 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	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981	
G 5.0	7774	7776	7775	7773	7771	7769	7771	7773	7775	7776	7774	7772	7777	
G 10.0	7543	7547	7551	7551	7551	7551	7551	7551	7551	7547	7543	7541	7541	
G 15.0	7295	7298	7305	7302	7296	7292	7296	7302	7305	7298	7295	7298	7298	
G 20.0	7023	7027	7031	7031	7032	7035	7032	7031	7031	7027	7023	7021	7023	
G 25.0	6737	6738	6741	6743	6744	6744	6744	6743	6741	6738	6737	6737	6737	
G 30.0	6429	6430	6439	6444	6445	6442	6445	6444	6439	6430	6429	6432	6432	
G 35.0	6112	6116	6120	6120	6121	6124	6121	6120	6120	6116	6112	6110	6106	
G 40.0	5768	5772	5783	5789	5790	5790	5790	5789	5783	5772	5768	5768	5768	
G 45.0	5418	5419	5421	5432	5437	5437	5437	5432	5421	5419	5418	5418	5418	
G 50.0	5047	5052	5055	5057	5061	5067	5061	5057	5055	5052	5047	5042	5044	
G 55.0	4652	4654	4661	4674	4678	4678	4678	4674	4661	4654	4652	4652	4648	
G 60.0	4225	4230	4241	4255	4260	4260	4260	4255	4241	4230	4225	4222	4221	
G 65.0	3758	3768	3778	3786	3792	3799	3792	3786	3778	3768	3758	3753	3755	
G 70.0	3233	3240	3261	3275	3281	3284	3281	3275	3261	3240	3233	3233	3233	
G 75.0	2642	2655	2663	2671	2682	2695	2682	2671	2663	2655	2642	2630	2632	
G 80.0	1936	1952	1967	1982	1998	2013	1998	1982	1967	1952	1936	1921	1908	
G 85.0	1032	1072	1115	1137	1149	1162	1149	1137	1115	1072	1032	1012	1012	
G 90.0	418	432	439	456	464	464	464	456	439	432	418	391	365	

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Source Flux	3942 lm	Maximum value	229.60 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	7981	7981	7981	7981	7981	7981	7981	7981	7981	7981
G 5.0	7778	7772	7778	7777	7772	7774	7776	7775	7773	7771
G 10.0	7542	7545	7542	7541	7541	7543	7547	7551	7551	7551
G 15.0	7298	7298	7298	7298	7298	7295	7298	7305	7302	7296
G 20.0	7026	7028	7026	7023	7021	7023	7027	7031	7031	7032
G 25.0	6738	6741	6738	6737	6737	6737	6738	6741	6743	6744
G 30.0	6434	6442	6434	6432	6432	6429	6430	6439	6444	6445
G 35.0	6108	6117	6108	6106	6110	6112	6116	6120	6120	6121
G 40.0	5770	5775	5770	5768	5768	5768	5772	5783	5789	5790
G 45.0	5419	5425	5419	5418	5418	5418	5419	5421	5432	5437
G 50.0	5049	5055	5049	5044	5042	5047	5052	5055	5057	5061
G 55.0	4652	4665	4652	4648	4652	4652	4654	4661	4674	4678
G 60.0	4225	4232	4225	4221	4222	4225	4230	4241	4255	4260
G 65.0	3761	3768	3761	3755	3753	3758	3768	3778	3786	3792
G 70.0	3238	3255	3238	3233	3233	3233	3240	3261	3275	3281
G 75.0	2641	2650	2641	2632	2630	2642	2655	2663	2671	2682
G 80.0	1908	1921	1908	1908	1921	1936	1952	1967	1982	1998
G 85.0	1012	1012	1012	1012	1012	1032	1072	1115	1137	1149
G 90.0	345	330	345	365	391	418	432	439	456	464