

Luminaire

Code 90590L600

Name ROFY 60 D/I D0600 LIGHT+ 830 LO

Measurem.

Code 4/8/2023

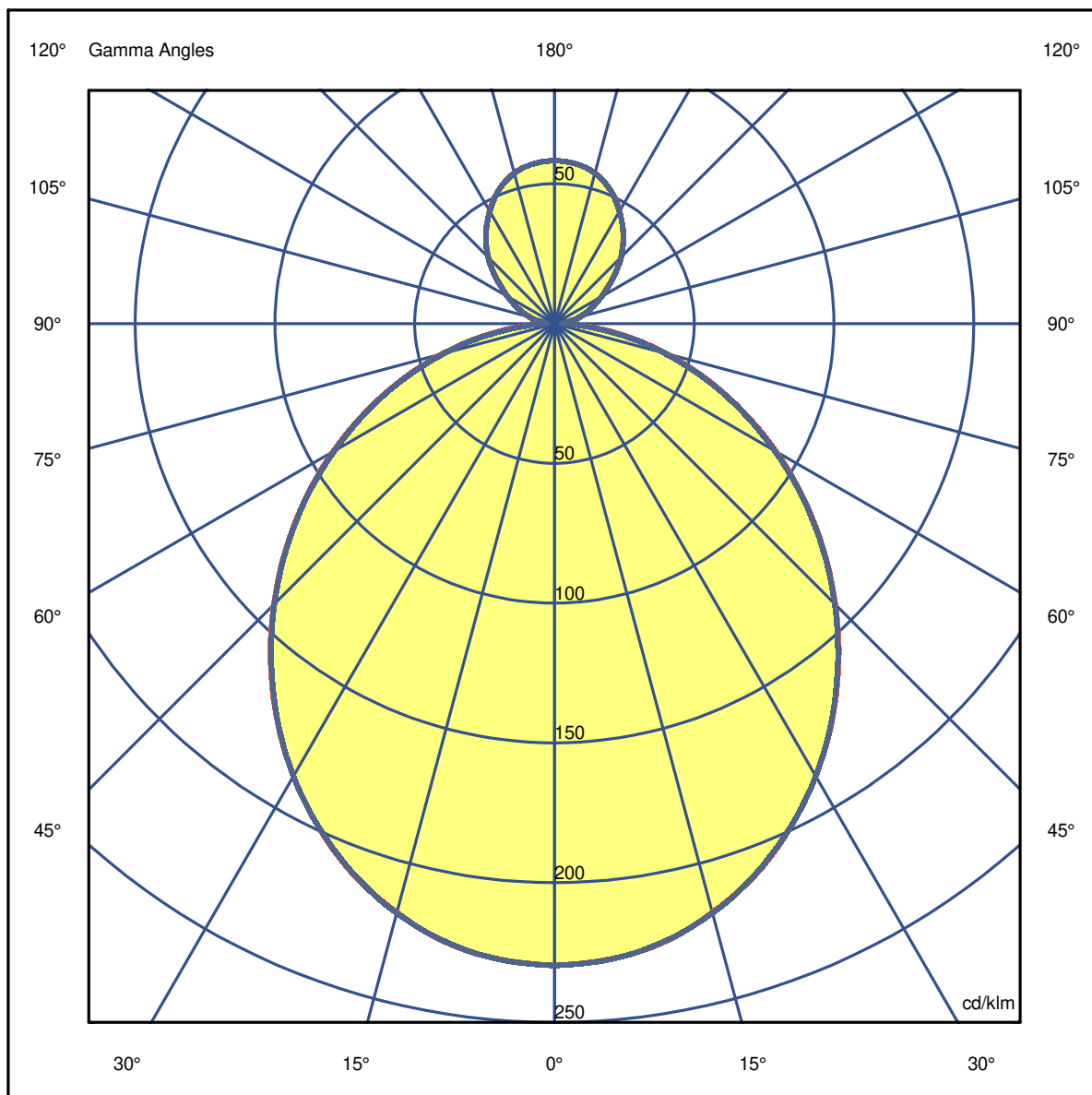
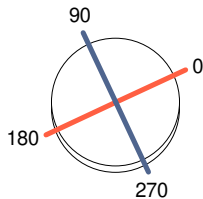
Name ROFY 60 D/I D0600 LIGHT+ 830 LO

Luminaire Flux	5500 lm	Luminaire Power	43.3 W	Efficacy	127.141 lm/W	Efficiency	76.86%
Source Flux	7156 lm	Maximum value	229.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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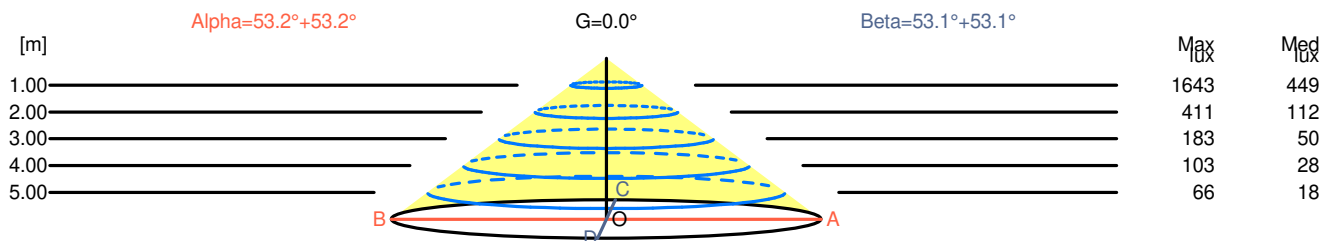
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Width at 50.00 % of Max Intensity

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	1643.02	1633.00	1560.72	1425.48	1238.70	1016.87	777.14	532.41	296.26	88.73
OB	1643.02	1633.00	1560.72	1425.48	1238.70	1016.87	777.14	532.41	296.26	88.73
OC	1643.02	1633.71	1562.15	1424.76	1237.27	1014.72	774.99	528.11	291.25	77.28
OD	1643.02	1633.71	1562.15	1424.76	1237.27	1014.72	774.99	528.11	291.25	77.28



H[m]	D[m]	Max lux	Med lux	Alpha=53.2°+53.2°	G=0.0
1.00	2.67	1643	449		
2.00	5.34	411	112		
3.00	8.01	183	50		
4.00	10.68	103	28		
5.00	13.35	66	18		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.66	1643	449		
2.00	5.33	411	112		
3.00	7.99	183	50		
4.00	10.65	103	28		
5.00	13.32	66	18		

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Source Flux	7156 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	16.2	17.3	16.8	17.9	18.5	16.2	17.3	16.8	17.8	18.4
x=2H y=3H	17.6	18.5	18.1	19.1	19.7	17.5	18.5	18.1	19.1	19.7
x=2H y=4H	18.1	19.0	18.7	19.5	20.2	18.0	18.9	18.6	19.5	20.2
x=2H y=6H	18.4	19.2	19.0	19.8	20.5	18.3	19.1	18.9	19.8	20.4
x=2H y=8H	18.5	19.3	19.1	19.9	20.6	18.4	19.2	19.0	19.8	20.5
x=2H y=12H	18.5	19.3	19.2	19.9	20.6	18.4	19.2	19.0	19.8	20.5
x=4H y=2H	16.8	17.7	17.4	18.2	18.9	16.7	17.6	17.3	18.2	18.9
x=4H y=3H	18.3	19.0	18.9	19.6	20.4	18.2	19.0	18.9	19.6	20.3
x=4H y=4H	18.9	19.5	19.5	20.2	20.9	18.8	19.5	19.5	20.1	20.9
x=4H y=6H	19.3	19.9	20.0	20.6	21.3	19.2	19.8	19.9	20.5	21.3
x=4H y=8H	19.5	20.0	20.1	20.7	21.5	19.4	19.9	20.1	20.6	21.4
x=4H y=12H	19.5	20.0	20.2	20.7	21.5	19.4	19.9	20.1	20.6	21.4
x=8H y=4H	19.1	19.6	19.8	20.3	21.1	19.0	19.6	19.7	20.2	21.0
x=8H y=6H	19.6	20.0	20.3	20.8	21.6	19.5	20.0	20.3	20.7	21.5
x=8H y=8H	19.8	20.2	20.5	20.9	21.8	19.7	20.1	20.4	20.8	21.7
x=8H y=12H	19.9	20.3	20.7	21.0	21.9	19.8	20.1	20.6	20.9	21.7
x=12H y=4H	19.0	19.5	19.8	20.2	21.1	19.0	19.5	19.7	20.2	21.0
x=12H y=6H	19.6	20.0	20.4	20.7	21.6	19.6	19.9	20.3	20.7	21.5
x=12H y=8H	19.9	20.2	20.6	20.9	21.8	19.8	20.1	20.5	20.8	21.7

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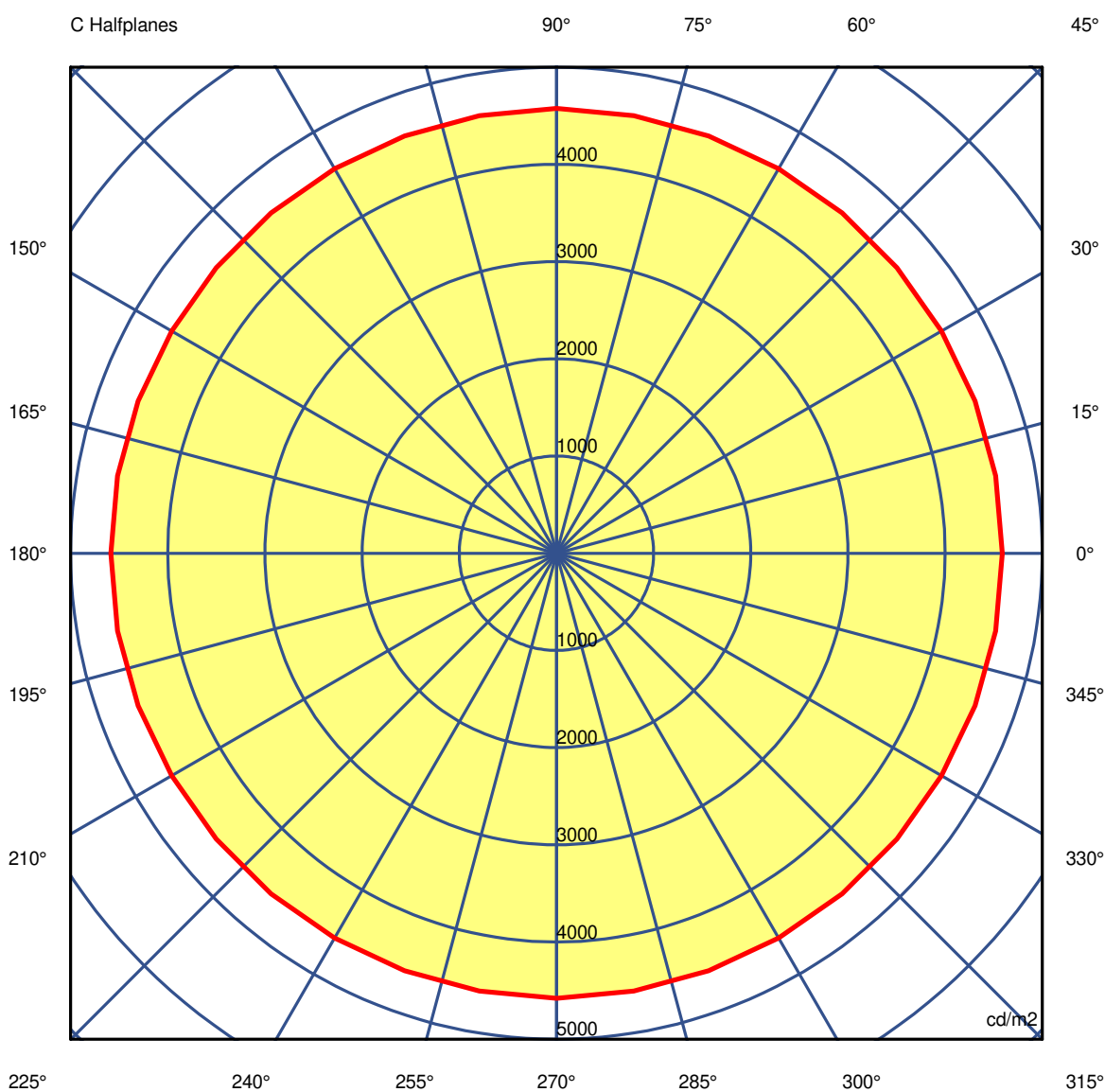
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Luminaire Flux	5500 lm	Luminaire Power	43.3 W	Efficacy	127.141 lm/W	Efficiency	76.86%
Source Flux	7156 lm	Maximum value	229.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	7156 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	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219	
G 5.0	6105	6106	6108	6110	6111	6109	6107	6111	6112	6107	6112	6111	6107	
G 10.0	5983	5983	5983	5983	5980	5976	5975	5975	5976	5978	5976	5975	5975	
G 15.0	5824	5827	5832	5835	5829	5827	5830	5830	5830	5830	5830	5830	5830	
G 20.0	5665	5663	5662	5662	5659	5656	5654	5656	5658	5660	5658	5656	5654	
G 25.0	5477	5477	5476	5474	5472	5471	5471	5471	5472	5474	5472	5471	5471	
G 30.0	5277	5279	5279	5274	5267	5266	5268	5268	5270	5277	5270	5268	5268	
G 35.0	5062	5060	5059	5059	5055	5052	5050	5048	5049	5056	5049	5048	5050	
G 40.0	4833	4833	4832	4827	4818	4815	4815	4815	4816	4821	4816	4815	4815	
G 45.0	4587	4587	4583	4574	4572	4571	4571	4571	4572	4577	4572	4571	4571	
G 50.0	4326	4321	4318	4316	4314	4310	4305	4307	4311	4316	4311	4307	4305	
G 55.0	4049	4049	4045	4034	4028	4027	4027	4023	4026	4038	4026	4023	4027	
G 60.0	3746	3746	3742	3729	3720	3715	3713	3712	3715	3721	3715	3712	3713	
G 65.0	3405	3399	3394	3387	3378	3369	3364	3366	3372	3378	3372	3366	3364	
G 70.0	3015	3013	3007	2995	2975	2968	2968	2968	2973	2989	2973	2968	2968	
G 75.0	2554	2541	2531	2523	2516	2504	2492	2494	2503	2511	2503	2494	2492	
G 80.0	1993	1978	1963	1948	1932	1917	1902	1889	1889	1902	1889	1889	1902	
G 85.0	1230	1217	1204	1180	1135	1092	1071	1071	1071	1071	1071	1071	1071	
G 90.0	552	552	543	523	514	497	464	434	410	392	410	434	464	

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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	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219
G 5.0	6109	6111	6110	6108	6106	6105	6106	6108	6110	6111	6109	6107	6111
G 10.0	5976	5980	5983	5983	5983	5983	5983	5983	5983	5980	5976	5975	5975
G 15.0	5827	5829	5835	5832	5827	5824	5827	5832	5835	5829	5827	5830	5830
G 20.0	5656	5659	5662	5662	5663	5665	5663	5662	5662	5659	5656	5654	5656
G 25.0	5471	5472	5474	5476	5477	5477	5477	5476	5474	5472	5471	5471	5471
G 30.0	5266	5267	5274	5279	5279	5277	5279	5279	5274	5267	5266	5268	5268
G 35.0	5052	5055	5059	5059	5060	5062	5060	5059	5059	5055	5052	5050	5048
G 40.0	4815	4818	4827	4832	4833	4833	4833	4832	4827	4818	4815	4815	4815
G 45.0	4571	4572	4574	4583	4587	4587	4587	4583	4574	4572	4571	4571	4571
G 50.0	4310	4314	4316	4318	4321	4326	4321	4318	4316	4314	4310	4305	4307
G 55.0	4027	4028	4034	4045	4049	4049	4049	4045	4034	4028	4027	4027	4023
G 60.0	3715	3720	3729	3742	3746	3746	3746	3742	3729	3720	3715	3713	3712
G 65.0	3369	3378	3387	3394	3399	3405	3399	3394	3387	3378	3369	3364	3366
G 70.0	2968	2975	2995	3007	3013	3015	3013	3007	2995	2975	2968	2968	2968
G 75.0	2504	2516	2523	2531	2541	2554	2541	2531	2523	2516	2504	2492	2494
G 80.0	1917	1932	1948	1963	1978	1993	1978	1963	1948	1932	1917	1902	1889
G 85.0	1092	1135	1180	1204	1217	1230	1217	1204	1180	1135	1092	1071	1071
G 90.0	497	514	523	543	552	552	552	543	523	514	497	464	434

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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	6219	6219	6219	6219	6219	6219	6219	6219	6219	6219
G 5.0	6112	6107	6112	6111	6107	6109	6111	6110	6108	6106
G 10.0	5976	5978	5976	5975	5975	5976	5980	5983	5983	5983
G 15.0	5830	5830	5830	5830	5830	5827	5829	5835	5832	5827
G 20.0	5658	5660	5658	5656	5654	5656	5659	5662	5662	5663
G 25.0	5472	5474	5472	5471	5471	5471	5472	5474	5476	5477
G 30.0	5270	5277	5270	5268	5268	5266	5267	5274	5279	5279
G 35.0	5049	5056	5049	5048	5050	5052	5055	5059	5059	5060
G 40.0	4816	4821	4816	4815	4815	4815	4818	4827	4832	4833
G 45.0	4572	4577	4572	4571	4571	4571	4572	4574	4583	4587
G 50.0	4311	4316	4311	4307	4305	4310	4314	4316	4318	4321
G 55.0	4026	4038	4026	4023	4027	4027	4028	4034	4045	4049
G 60.0	3715	3721	3715	3712	3713	3715	3720	3729	3742	3746
G 65.0	3372	3378	3372	3366	3364	3369	3378	3387	3394	3399
G 70.0	2973	2989	2973	2968	2968	2968	2975	2995	3007	3013
G 75.0	2503	2511	2503	2494	2492	2504	2516	2523	2531	2541
G 80.0	1889	1902	1889	1889	1902	1917	1932	1948	1963	1978
G 85.0	1071	1071	1071	1071	1071	1092	1135	1180	1204	1217
G 90.0	410	392	410	434	464	497	514	523	543	552