

Luminaire

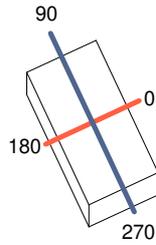
Code 90716L552
Name ROFY 60 SQ D/I L0550W286 LIGHT+ 830 HO

Measurem.

Code 8/8/2023
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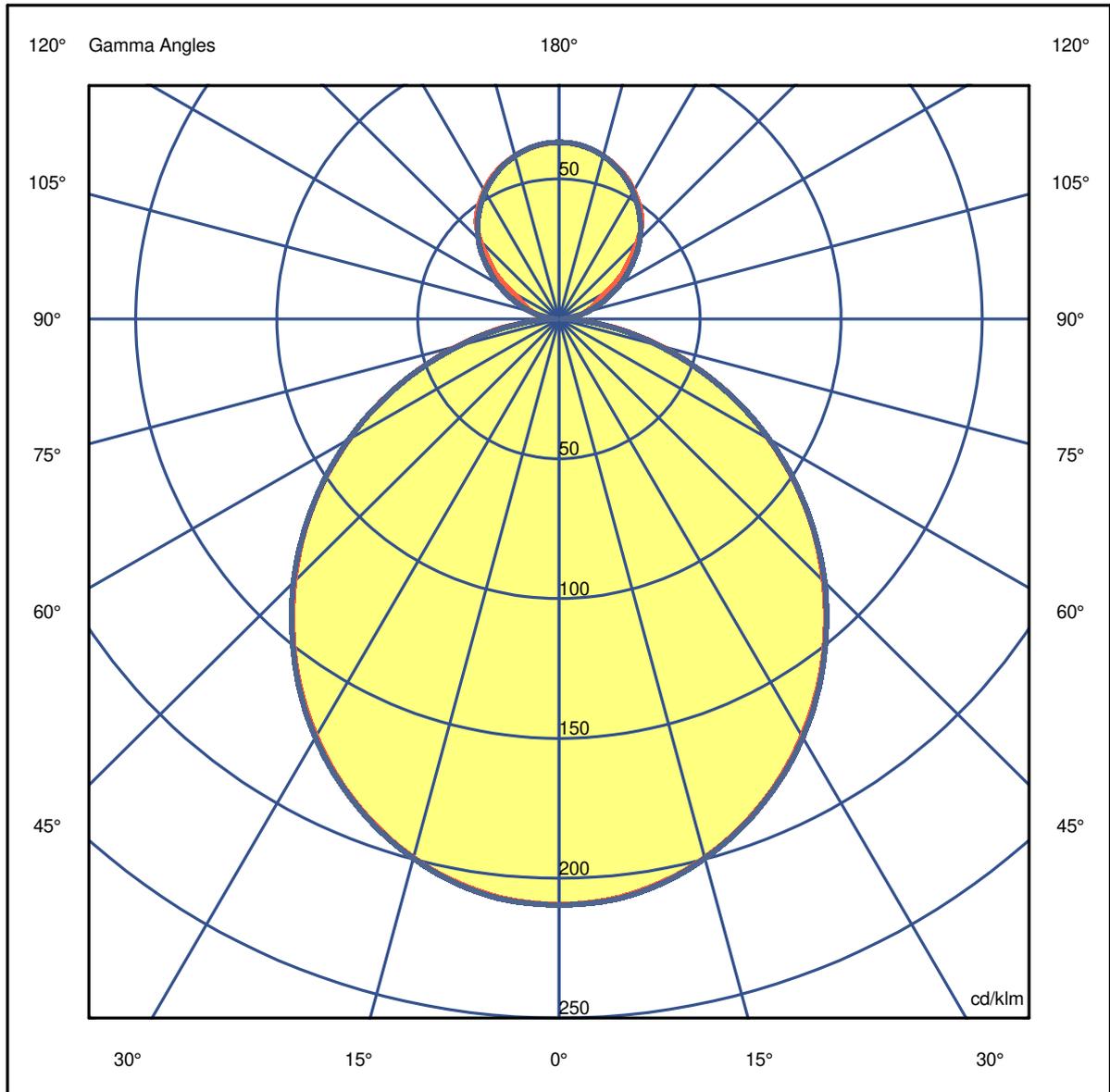
Luminaire Flux	3968 lm	Luminaire Power	33.1 W	Efficacy	119.986 lm/W	Efficiency	74.36%
Source Flux	5336 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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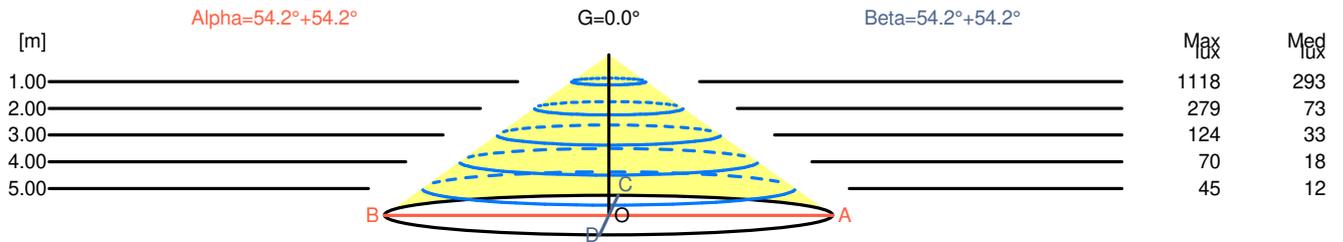
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Source Flux	5336 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.38	2.77	4.15	5.54	6.92	OC	1.39	2.78	4.16	5.55	6.94
OB	1.38	2.77	4.15	5.54	6.92	OD	1.39	2.78	4.16	5.55	6.94

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1117.89	1111.49	1064.53	975.95	854.83	707.55	544.81	370.85	197.43	53.89
OB	1117.89	1111.49	1064.53	975.95	854.83	707.55	544.81	370.85	197.43	53.89
OC	1117.89	1113.62	1065.60	978.09	857.50	710.76	545.87	370.32	193.70	48.02
OD	1117.89	1113.62	1065.60	978.09	857.50	710.76	545.87	370.32	193.70	48.02



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0
1.00	2.77	1118	293		
2.00	5.54	279	73		
3.00	8.31	124	33		
4.00	11.08	70	18		
5.00	13.85	45	12		

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0
1.00	2.78	1118	293		
2.00	5.55	279	73		
3.00	8.33	124	33		
4.00	11.10	70	18		
5.00	13.88	45	12		

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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	16.4	17.5	17.0	18.0	18.7	16.8	17.8	17.4	18.4	19.1
x=2H y=3H	17.6	18.6	18.3	19.2	19.9	18.1	19.0	18.7	19.6	20.3
x=2H y=4H	18.0	18.9	18.7	19.5	20.3	18.5	19.4	19.2	20.0	20.8
x=2H y=6H	18.3	19.1	18.9	19.7	20.5	18.8	19.6	19.5	20.3	21.0
x=2H y=8H	18.3	19.1	19.0	19.8	20.5	18.9	19.6	19.6	20.3	21.1
x=2H y=12H	18.3	19.1	19.0	19.7	20.5	18.9	19.6	19.6	20.3	21.1
x=4H y=2H	16.9	17.8	17.6	18.4	19.2	17.2	18.1	17.8	18.7	19.4
x=4H y=3H	18.3	19.0	18.9	19.7	20.5	18.6	19.4	19.3	20.0	20.8
x=4H y=4H	18.8	19.4	19.5	20.1	20.9	19.2	19.9	19.9	20.5	21.4
x=4H y=6H	19.1	19.7	19.8	20.4	21.2	19.6	20.1	20.3	20.9	21.7
x=4H y=8H	19.2	19.7	19.9	20.4	21.3	19.7	20.2	20.4	20.9	21.8
x=4H y=12H	19.2	19.7	20.0	20.4	21.3	19.7	20.2	20.5	20.9	21.8
x=8H y=4H	18.9	19.4	19.7	20.2	21.0	19.3	19.8	20.1	20.6	21.4
x=8H y=6H	19.3	19.8	20.1	20.5	21.4	19.8	20.2	20.5	20.9	21.8
x=8H y=8H	19.5	19.8	20.3	20.6	21.5	19.9	20.3	20.7	21.0	22.0
x=8H y=12H	19.5	19.8	20.3	20.6	21.6	20.0	20.3	20.8	21.1	22.0
x=12H y=4H	18.9	19.4	19.7	20.1	21.0	19.3	19.8	20.0	20.5	21.4
x=12H y=6H	19.3	19.7	20.1	20.5	21.4	19.8	20.1	20.5	20.9	21.8
x=12H y=8H	19.5	19.8	20.3	20.6	21.5	19.9	20.2	20.7	21.0	22.0

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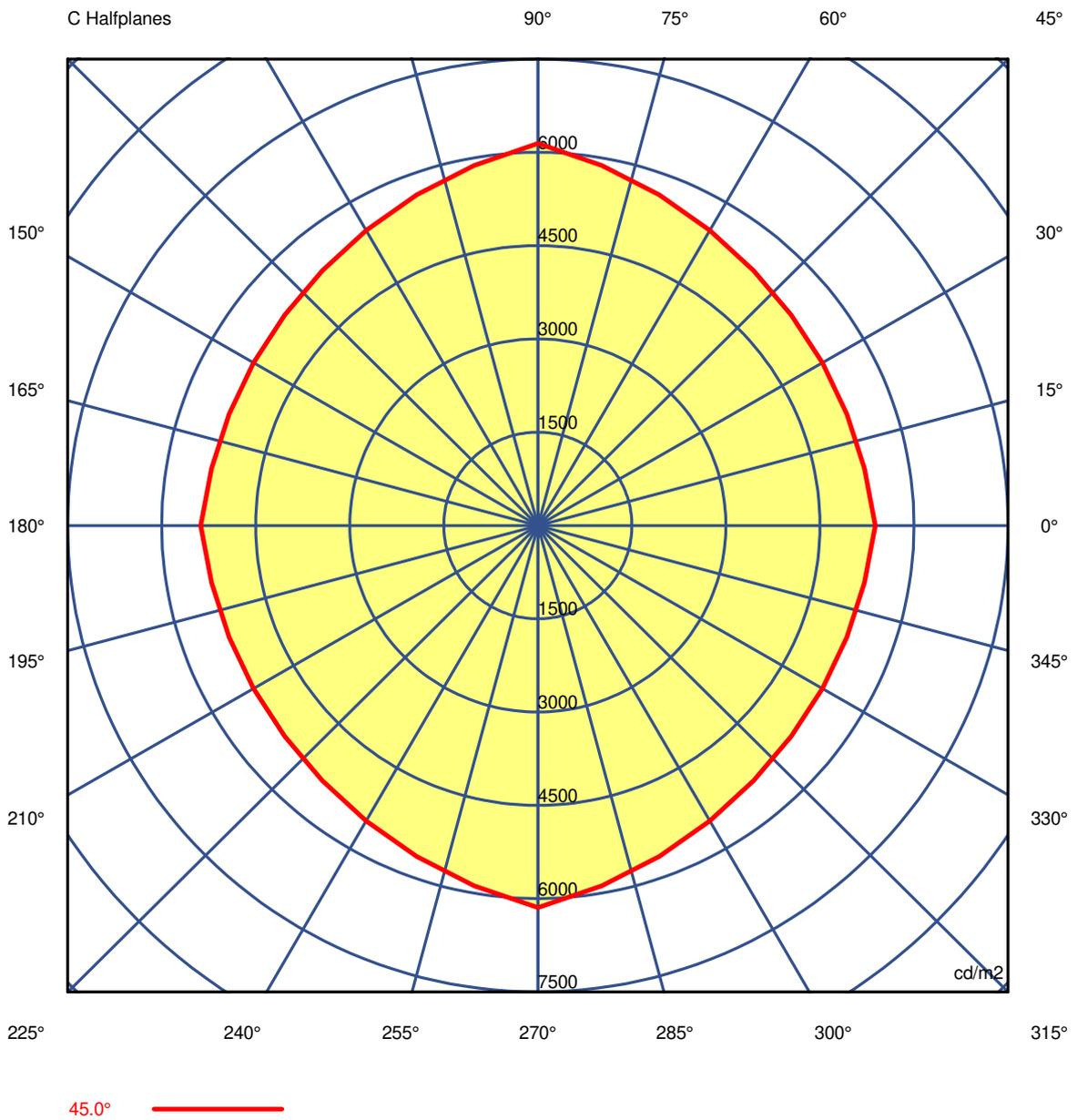
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Luminaire Flux	3968 lm	Luminaire Power	33.1 W	Efficacy	119.986 lm/W	Efficiency	74.36%
Source Flux	5336 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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Source Flux	5336 lm	Maximum value	209.50 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	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929
G 5.0	7699	7693	7686	7678	7678	7691	7716	7747	7782	7820	7782	7747	7716
G 10.0	7455	7432	7419	7416	7425	7446	7481	7534	7600	7673	7600	7534	7481
G 15.0	7201	7168	7150	7142	7149	7184	7245	7319	7405	7503	7405	7319	7245
G 20.0	6928	6885	6859	6851	6871	6915	6982	7078	7191	7318	7191	7078	6982
G 25.0	6648	6592	6561	6556	6575	6631	6719	6825	6958	7122	6958	6825	6719
G 30.0	6354	6292	6256	6247	6271	6331	6427	6559	6722	6912	6722	6559	6427
G 35.0	6049	5973	5931	5922	5950	6024	6137	6276	6453	6676	6453	6276	6137
G 40.0	5720	5643	5599	5589	5620	5699	5823	5980	6175	6415	6175	5980	5823
G 45.0	5379	5289	5244	5239	5270	5350	5482	5660	5880	6144	5880	5660	5482
G 50.0	5019	4928	4877	4866	4903	4987	5120	5307	5544	5833	5544	5307	5120
G 55.0	4626	4524	4470	4463	4504	4592	4728	4921	5174	5493	5174	4921	4728
G 60.0	4181	4076	4025	4023	4056	4141	4286	4488	4753	5095	4753	4488	4286
G 65.0	3693	3588	3532	3521	3555	3644	3789	3987	4258	4625	4258	3987	3789
G 70.0	3111	3004	2956	2956	2989	3074	3216	3403	3665	4033	3665	3403	3216
G 75.0	2468	2375	2322	2308	2346	2422	2538	2719	2973	3321	2973	2719	2538
G 80.0	1759	1681	1635	1607	1613	1663	1764	1920	2150	2488	2150	1920	1764
G 85.0	943	892	857	829	835	859	905	997	1146	1380	1146	997	905
G 90.0	438	392	370	361	343	328	317	297	281	283	281	297	317

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Source Flux	5336 lm	Maximum value	209.50 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	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929
G 5.0	7691	7678	7678	7686	7693	7699	7693	7686	7678	7678	7691	7716	7747
G 10.0	7446	7425	7416	7419	7432	7455	7432	7419	7416	7425	7446	7481	7534
G 15.0	7184	7149	7142	7150	7168	7201	7168	7150	7142	7149	7184	7245	7319
G 20.0	6915	6871	6851	6859	6885	6928	6885	6859	6851	6871	6915	6982	7078
G 25.0	6631	6575	6556	6561	6592	6648	6592	6561	6556	6575	6631	6719	6825
G 30.0	6331	6271	6247	6256	6292	6354	6292	6256	6247	6271	6331	6427	6559
G 35.0	6024	5950	5922	5931	5973	6049	5973	5931	5922	5950	6024	6137	6276
G 40.0	5699	5620	5589	5599	5643	5720	5643	5599	5589	5620	5699	5823	5980
G 45.0	5350	5270	5239	5244	5289	5379	5289	5244	5239	5270	5350	5482	5660
G 50.0	4987	4903	4866	4877	4928	5019	4928	4877	4866	4903	4987	5120	5307
G 55.0	4592	4504	4463	4470	4524	4626	4524	4470	4463	4504	4592	4728	4921
G 60.0	4141	4056	4023	4025	4076	4181	4076	4023	4056	4141	4286	4488	4688
G 65.0	3644	3555	3521	3532	3588	3693	3588	3532	3521	3555	3644	3789	3987
G 70.0	3074	2989	2956	2956	3004	3111	3004	2956	2956	2989	3074	3216	3403
G 75.0	2422	2346	2308	2322	2375	2468	2375	2322	2308	2346	2422	2538	2719
G 80.0	1663	1613	1607	1635	1681	1759	1681	1635	1607	1613	1663	1764	1920
G 85.0	859	835	829	857	892	943	892	857	829	835	859	905	997
G 90.0	328	343	361	370	392	438	392	370	361	343	328	317	297

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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	7929	7929	7929	7929	7929	7929	7929	7929	7929	7929
G 5.0	7782	7820	7782	7747	7716	7691	7678	7678	7686	7693
G 10.0	7600	7673	7600	7534	7481	7446	7425	7416	7419	7432
G 15.0	7405	7503	7405	7319	7245	7184	7149	7142	7150	7168
G 20.0	7191	7318	7191	7078	6982	6915	6871	6851	6859	6885
G 25.0	6958	7122	6958	6825	6719	6631	6575	6556	6561	6592
G 30.0	6722	6912	6722	6559	6427	6331	6271	6247	6256	6292
G 35.0	6453	6676	6453	6276	6137	6024	5950	5922	5931	5973
G 40.0	6175	6415	6175	5980	5823	5699	5620	5589	5599	5643
G 45.0	5880	6144	5880	5660	5482	5350	5270	5239	5244	5289
G 50.0	5544	5833	5544	5307	5120	4987	4903	4866	4877	4928
G 55.0	5174	5493	5174	4921	4728	4592	4504	4463	4470	4524
G 60.0	4753	5095	4753	4488	4286	4141	4056	4023	4025	4076
G 65.0	4258	4625	4258	3987	3789	3644	3555	3521	3532	3588
G 70.0	3665	4033	3665	3403	3216	3074	2989	2956	2956	3004
G 75.0	2973	3321	2973	2719	2538	2422	2346	2308	2322	2375
G 80.0	2150	2488	2150	1920	1764	1663	1613	1607	1635	1681
G 85.0	1146	1380	1146	997	905	859	835	829	857	892
G 90.0	281	283	281	297	317	328	343	361	370	392