

Luminaire

Code 90716L552

Name ROFY 60 SQ D/I L0550W286 LIGHT+ 840 HO

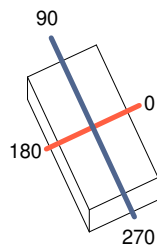
Measurem.

Code 8/8/2023

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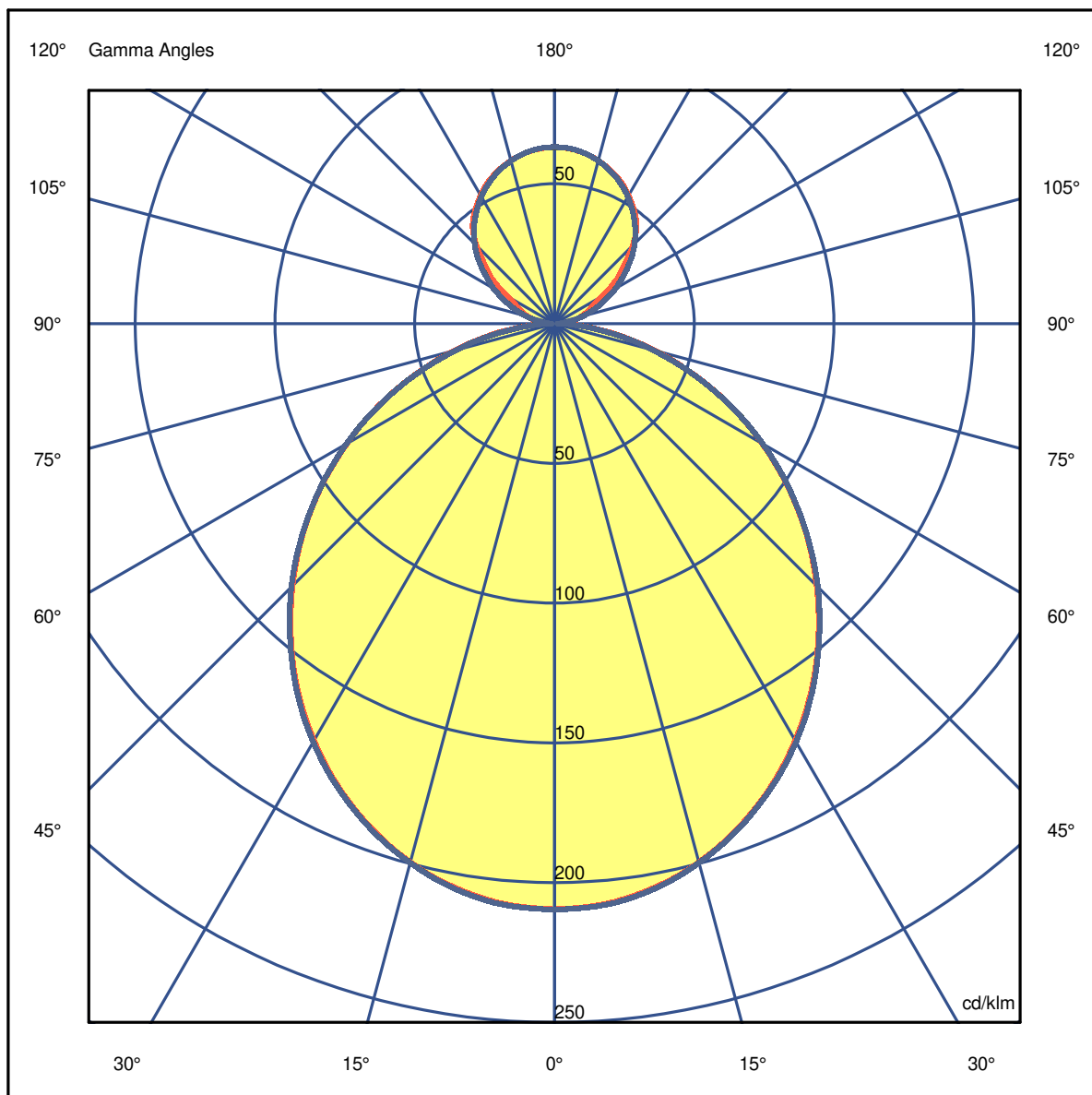
Luminaire Flux	4155 lm	Luminaire Power	33.1 W	Efficacy	125.652 lm/W	Efficiency	74.36%
Source Flux	5588 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 286mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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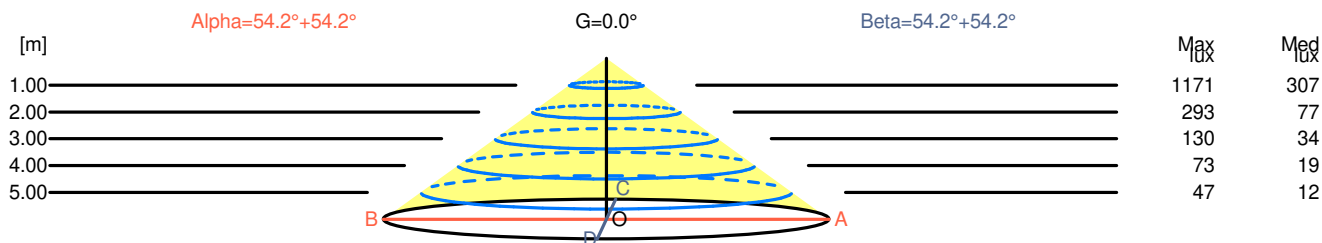
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Luminaire Flux	4155 lm	Luminaire Power	33.1 W	Efficacy	125.652 lm/W	Efficiency	74.36%
Source Flux	5588 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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

	0	5	15	25	35	45	55	65	75	85
OA	1170.69	1163.98	1114.81	1022.05	895.20	740.97	570.53	388.37	206.76	56.44
OB	1170.69	1163.98	1114.81	1022.05	895.20	740.97	570.53	388.37	206.76	56.44
OC	1170.69	1166.22	1115.92	1024.28	897.99	744.32	571.65	387.81	202.84	50.29
OD	1170.69	1166.22	1115.92	1024.28	897.99	744.32	571.65	387.81	202.84	50.29



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0
1.00	2.77	1171	307		
2.00	5.54	293	77		
3.00	8.31	130	34		
4.00	11.08	73	19		
5.00	13.85	47	12		

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0
1.00	2.78	1171	307		
2.00	5.55	293	77		
3.00	8.33	130	34		
4.00	11.10	73	19		
5.00	13.88	47	12		

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Luminaire Flux	4155 lm	Luminaire Power	33.1 W	Efficacy	125.652 lm/W	Efficiency	74.36%
Source Flux	5588 lm	Maximum value	209.50 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	16.6	17.6	17.2	18.2	18.9	17.0	18.0	17.5	18.6	19.2
x=2H y=3H	17.8	18.7	18.4	19.3	20.1	18.2	19.2	18.9	19.8	20.5
x=2H y=4H	18.2	19.1	18.8	19.7	20.4	18.7	19.6	19.3	20.2	20.9
x=2H y=6H	18.5	19.2	19.1	19.9	20.7	19.0	19.8	19.6	20.4	21.2
x=2H y=8H	18.5	19.3	19.2	19.9	20.7	19.0	19.8	19.7	20.5	21.2
x=2H y=12H	18.5	19.2	19.2	19.9	20.7	19.0	19.8	19.7	20.4	21.2
x=4H y=2H	17.1	18.0	17.7	18.6	19.3	17.4	18.2	18.0	18.9	19.6
x=4H y=3H	18.4	19.2	19.1	19.8	20.6	18.8	19.5	19.5	20.2	21.0
x=4H y=4H	18.9	19.6	19.7	20.3	21.1	19.4	20.0	20.1	20.7	21.5
x=4H y=6H	19.3	19.8	20.0	20.6	21.4	19.7	20.3	20.5	21.0	21.9
x=4H y=8H	19.4	19.9	20.1	20.6	21.5	19.8	20.3	20.6	21.1	21.9
x=4H y=12H	19.4	19.9	20.1	20.6	21.5	19.9	20.3	20.6	21.1	22.0
x=8H y=4H	19.1	19.6	19.8	20.3	21.2	19.5	20.0	20.2	20.7	21.6
x=8H y=6H	19.5	19.9	20.3	20.7	21.6	19.9	20.4	20.7	21.1	22.0
x=8H y=8H	19.6	20.0	20.4	20.8	21.7	20.1	20.4	20.8	21.2	22.1
x=8H y=12H	19.7	20.0	20.5	20.8	21.7	20.1	20.4	20.9	21.2	22.2
x=12H y=4H	19.1	19.5	19.8	20.3	21.2	19.4	19.9	20.2	20.7	21.5
x=12H y=6H	19.5	19.9	20.3	20.6	21.6	19.9	20.3	20.7	21.1	22.0
x=12H y=8H	19.6	20.0	20.4	20.7	21.7	20.1	20.4	20.9	21.2	22.1

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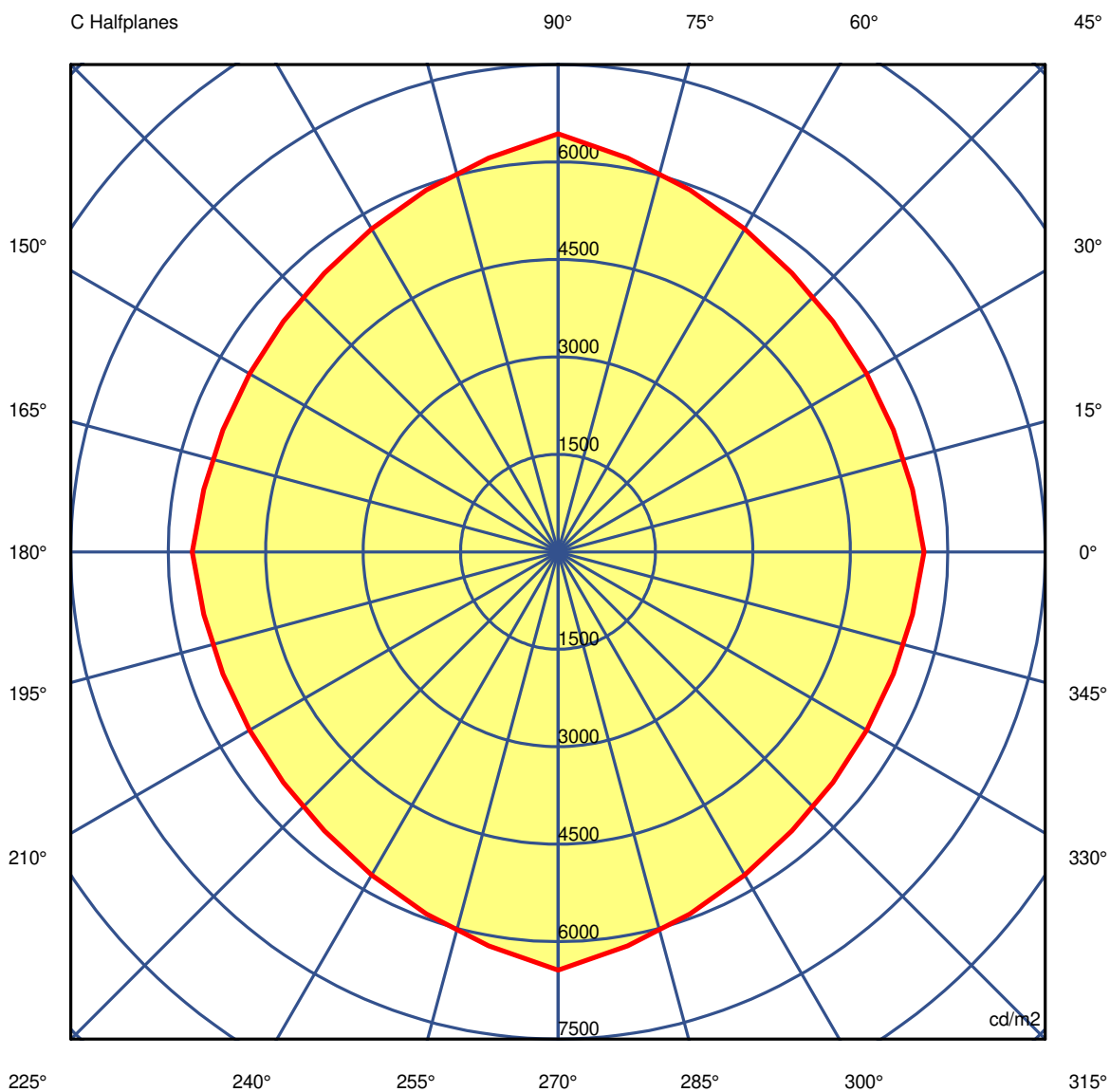
Measurem.

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Name ROFY 60 SQ D/I L0550W286 LIGHT+ 840 HO

Luminaire Flux	4155 lm	Luminaire Power	33.1 W	Efficacy	125.652 lm/W	Efficiency	74.36%
Source Flux	5588 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Luminaire Flux	4155 lm		Luminaire Power		33.1 W		Efficacy		125.652 lm/W		Efficiency		74.36%	
Source Flux	5588 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	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304	
G 5.0	8062	8056	8049	8041	8040	8054	8081	8113	8149	8189	8149	8113	8081	
G 10.0	7807	7783	7769	7766	7776	7798	7834	7890	7958	8036	7958	7890	7834	
G 15.0	7541	7507	7487	7479	7487	7523	7587	7665	7754	7857	7754	7665	7587	
G 20.0	7255	7210	7183	7175	7196	7242	7312	7412	7531	7664	7531	7412	7312	
G 25.0	6962	6903	6871	6865	6886	6944	7037	7148	7287	7459	7287	7148	7037	
G 30.0	6654	6589	6552	6542	6568	6630	6730	6869	7039	7239	7039	6869	6730	
G 35.0	6334	6255	6211	6202	6231	6308	6427	6572	6757	6991	6757	6572	6427	
G 40.0	5990	5910	5864	5853	5885	5969	6098	6262	6467	6718	6467	6262	6098	
G 45.0	5633	5539	5491	5486	5519	5603	5741	5928	6158	6435	6158	5928	5741	
G 50.0	5256	5161	5108	5096	5134	5222	5362	5558	5806	6109	5806	5558	5362	
G 55.0	4845	4738	4681	4673	4717	4808	4951	5154	5418	5752	5418	5154	4951	
G 60.0	4378	4269	4215	4213	4248	4336	4488	4700	4977	5335	4977	4700	4488	
G 65.0	3868	3758	3699	3687	3723	3816	3968	4175	4459	4843	4459	4175	3968	
G 70.0	3258	3146	3095	3095	3130	3219	3367	3563	3838	4223	3838	3563	3367	
G 75.0	2584	2487	2432	2417	2457	2537	2658	2848	3114	3478	3114	2848	2658	
G 80.0	1842	1761	1712	1683	1690	1742	1847	2011	2251	2606	2251	2011	1847	
G 85.0	987	934	897	868	874	900	948	1044	1200	1445	1200	1044	948	
G 90.0	459	411	388	378	359	344	332	311	294	297	294	311	332	

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Luminaire Flux	4155 lm		Luminaire Power		33.1 W		Efficacy		125.652 lm/W		Efficiency		74.36%	
Source Flux	5588 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	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304	
G 5.0	8054	8040	8041	8049	8056	8062	8056	8049	8041	8040	8054	8081	8113	
G 10.0	7798	7776	7766	7769	7783	7807	7783	7769	7766	7776	7798	7834	7890	
G 15.0	7523	7487	7479	7487	7507	7541	7507	7487	7479	7487	7523	7587	7665	
G 20.0	7242	7196	7175	7183	7210	7255	7210	7183	7175	7196	7242	7312	7412	
G 25.0	6944	6886	6865	6871	6903	6962	6903	6871	6865	6886	6944	7037	7148	
G 30.0	6630	6568	6542	6552	6589	6654	6589	6552	6542	6568	6630	6730	6869	
G 35.0	6308	6231	6202	6211	6255	6334	6255	6211	6202	6231	6308	6427	6572	
G 40.0	5969	5885	5853	5864	5910	5990	5910	5864	5853	5885	5969	6098	6262	
G 45.0	5603	5519	5486	5491	5539	5633	5539	5491	5486	5519	5603	5741	5928	
G 50.0	5222	5134	5096	5108	5161	5256	5161	5108	5096	5134	5222	5362	5558	
G 55.0	4808	4717	4673	4681	4738	4845	4738	4681	4673	4717	4808	4951	5154	
G 60.0	4336	4248	4213	4215	4269	4378	4269	4215	4213	4248	4336	4488	4700	
G 65.0	3816	3723	3687	3699	3758	3868	3758	3699	3687	3723	3816	3968	4175	
G 70.0	3219	3130	3095	3095	3146	3258	3146	3095	3095	3130	3219	3367	3563	
G 75.0	2537	2457	2417	2432	2487	2584	2487	2432	2417	2457	2537	2658	2848	
G 80.0	1742	1690	1683	1712	1761	1842	1761	1712	1683	1690	1742	1847	2011	
G 85.0	900	874	868	897	934	987	934	897	868	874	900	948	1044	
G 90.0	344	359	378	388	411	459	411	388	378	359	344	332	311	

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Source Flux	5588 lm	Maximum value	209.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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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	8304	8304	8304	8304	8304	8304	8304	8304	8304	8304
G 5.0	8149	8189	8149	8113	8081	8054	8040	8041	8049	8056
G 10.0	7958	8036	7958	7890	7834	7798	7776	7766	7769	7783
G 15.0	7754	7857	7754	7665	7587	7523	7487	7479	7487	7507
G 20.0	7531	7664	7531	7412	7312	7242	7196	7175	7183	7210
G 25.0	7287	7459	7287	7148	7037	6944	6886	6865	6871	6903
G 30.0	7039	7239	7039	6869	6730	6630	6568	6542	6552	6589
G 35.0	6757	6991	6757	6572	6427	6308	6231	6202	6211	6255
G 40.0	6467	6718	6467	6262	6098	5969	5885	5853	5864	5910
G 45.0	6158	6435	6158	5928	5741	5603	5519	5486	5491	5539
G 50.0	5806	6109	5806	5558	5362	5222	5134	5096	5108	5161
G 55.0	5418	5752	5418	5154	4951	4808	4717	4673	4681	4738
G 60.0	4977	5335	4977	4700	4488	4336	4248	4213	4215	4269
G 65.0	4459	4843	4459	4175	3968	3816	3723	3687	3699	3758
G 70.0	3838	4223	3838	3563	3367	3219	3130	3095	3095	3146
G 75.0	3114	3478	3114	2848	2658	2537	2457	2417	2432	2487
G 80.0	2251	2606	2251	2011	1847	1742	1690	1683	1712	1761
G 85.0	1200	1445	1200	1044	948	900	874	868	897	934
G 90.0	294	297	294	311	332	344	359	378	388	411