

Luminaire

Code 90720L132

Name ROFY 60 SQ L1342W286 LIGHT+ 830 HO

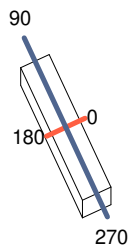
Measurem.

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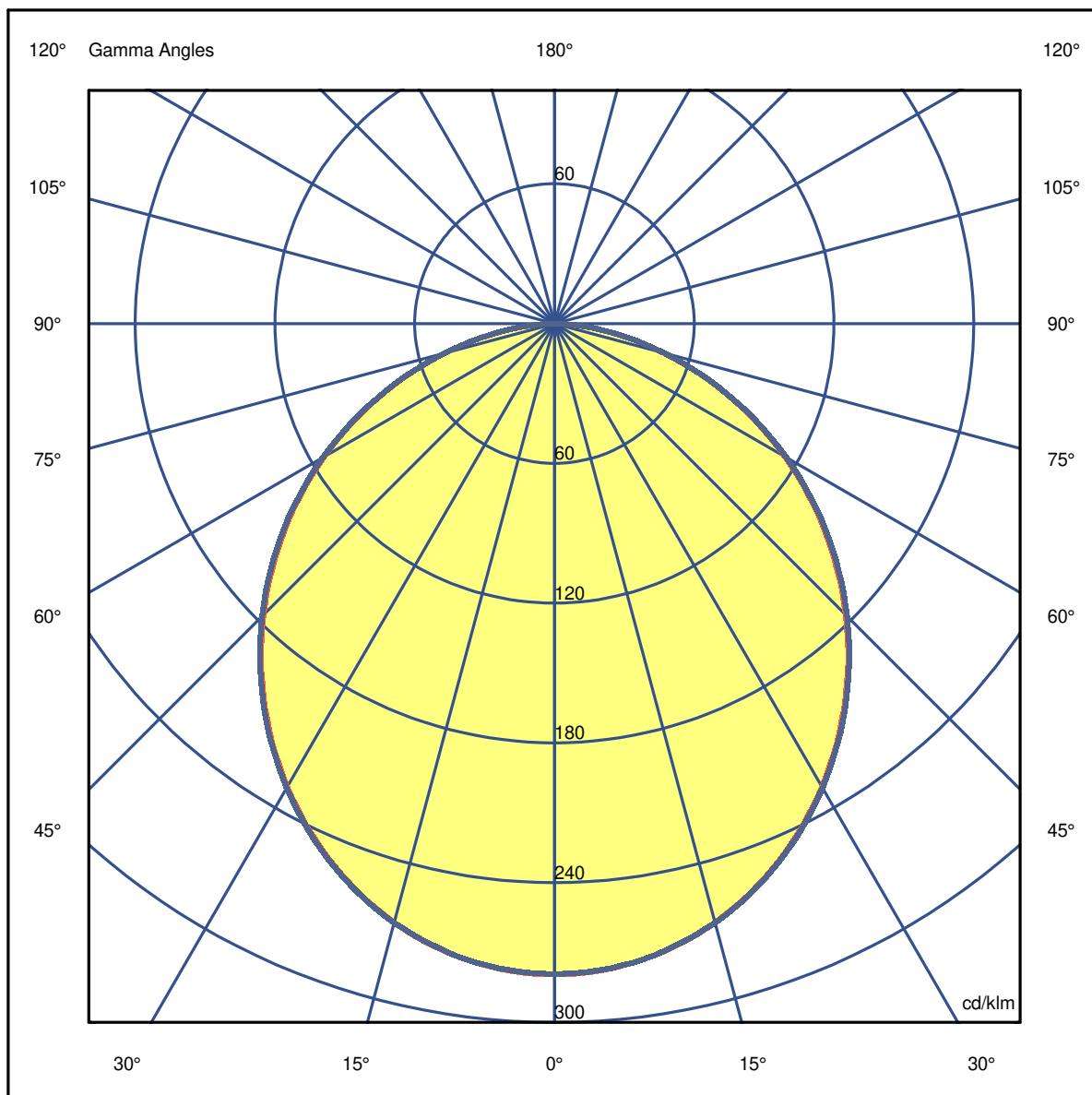
Luminaire Flux	7586 lm	Luminaire Power	56.2 W	Efficacy	134.926 lm/W	Efficiency	76.28%
Source Flux	9945 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG	Double Symmetrical

1342mm x 286mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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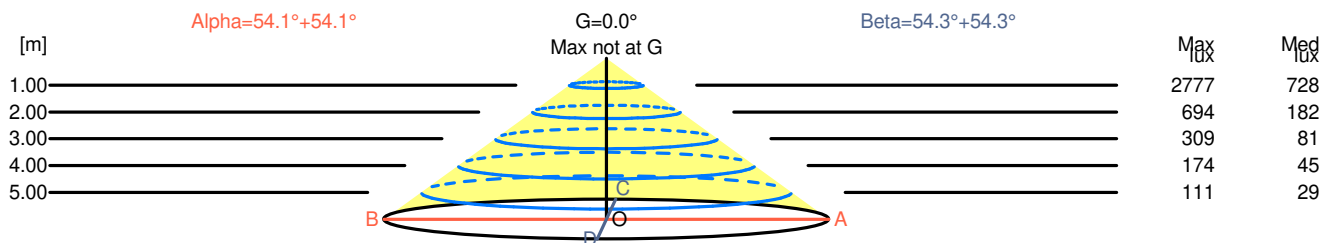
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Source Flux	9945 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG	Double Symmetrical

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	5.53	6.91	OC	1.39	2.79	4.18	5.57	6.96
OB	1.38	2.77	4.15	5.53	6.91	OD	1.39	2.79	4.18	5.57	6.96

	0	5	15	25	35	45	55	65	75	85
OA	2776.64	2763.72	2647.36	2424.59	2122.26	1758.28	1350.53	917.92	485.32	115.36
OB	2776.64	2763.72	2647.36	2424.59	2122.26	1758.28	1350.53	917.92	485.32	115.36
OC	2776.64	2762.72	2647.36	2429.56	2129.22	1766.23	1358.49	921.90	485.32	120.33
OD	2776.64	2762.72	2647.36	2429.56	2129.22	1766.23	1358.49	921.90	485.32	120.33



H[m]	D[m]	Max lux	Med lux	Alpha=54.1°+54.1°	G=0.0 Max not at G
1.00	2.77	2777	728		
2.00	5.53	694	182		
3.00	8.30	309	81		
4.00	11.06	174	45		
5.00	13.83	111	29		

H[m]	D[m]	Max lux	Med lux	Beta=54.3°+54.3°	G=0.0 Max not at G
1.00	2.79	2777	728		
2.00	5.57	694	182		
3.00	8.36	309	81		
4.00	11.14	174	45		
5.00	13.93	111	29		

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Luminaire Flux	7586 lm	Luminaire Power	56.2 W	Efficacy	134.926 lm/W	Efficiency	76.28%
Source Flux	9945 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	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	17.9	19.2	18.2	19.4	19.7	18.5	19.8	18.8	20.1	20.3
x=2H y=3H	19.2	20.3	19.5	20.6	20.9	20.0	21.2	20.3	21.4	21.7
x=2H y=4H	19.6	20.7	19.9	21.0	21.3	20.5	21.6	20.8	21.9	22.2
x=2H y=6H	19.8	20.9	20.2	21.2	21.5	20.9	21.9	21.2	22.2	22.5
x=2H y=8H	19.9	20.9	20.3	21.2	21.5	21.0	22.0	21.4	22.3	22.6
x=2H y=12H	19.9	20.9	20.3	21.2	21.5	21.0	22.0	21.4	22.3	22.7
x=4H y=2H	18.5	19.7	18.9	19.9	20.2	19.0	20.2	19.4	20.4	20.7
x=4H y=3H	19.9	20.9	20.3	21.2	21.6	20.6	21.6	21.0	21.9	22.2
x=4H y=4H	20.5	21.3	20.9	21.7	22.0	21.3	22.1	21.7	22.5	22.8
x=4H y=6H	20.8	21.6	21.3	22.0	22.3	21.8	22.5	22.2	22.9	23.3
x=4H y=8H	20.9	21.6	21.4	22.0	22.4	21.9	22.6	22.3	23.0	23.4
x=4H y=12H	21.0	21.6	21.4	22.0	22.4	22.0	22.6	22.4	23.0	23.5
x=8H y=4H	20.7	21.4	21.2	21.8	22.2	21.5	22.1	21.9	22.5	23.0
x=8H y=6H	21.2	21.7	21.6	22.2	22.6	22.0	22.6	22.5	23.0	23.5
x=8H y=8H	21.3	21.8	21.8	22.2	22.7	22.2	22.7	22.7	23.1	23.6
x=8H y=12H	21.4	21.8	21.9	22.3	22.8	22.3	22.8	22.8	23.2	23.7
x=12H y=4H	20.7	21.3	21.2	21.8	22.2	21.5	22.1	21.9	22.5	22.9
x=12H y=6H	21.2	21.7	21.7	22.1	22.6	22.0	22.5	22.5	23.0	23.5
x=12H y=8H	21.3	21.8	21.8	22.2	22.7	22.2	22.7	22.7	23.1	23.6

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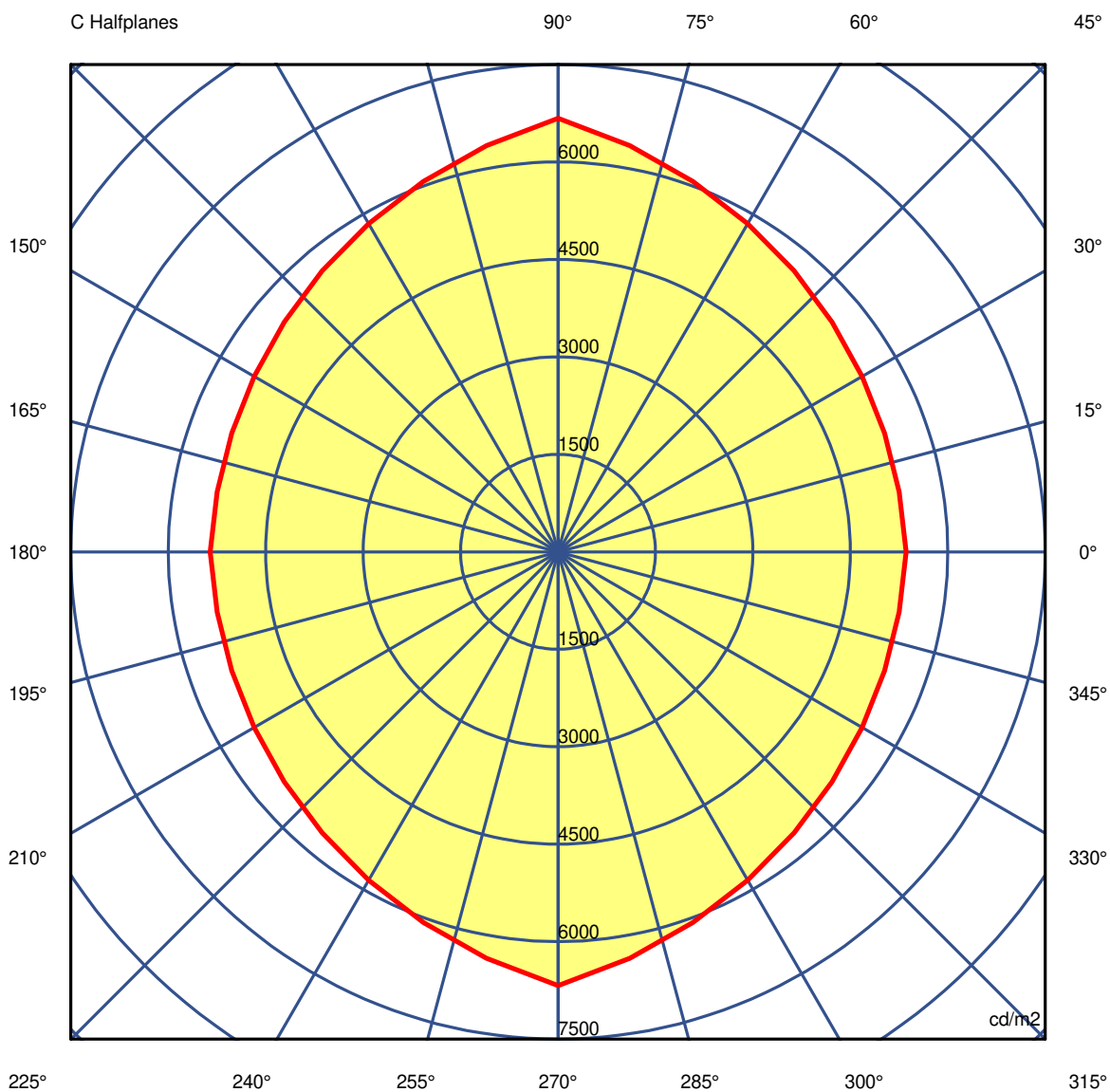
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Luminaire Flux	7586 lm	Luminaire Power	56.2 W	Efficacy	134.926 lm/W	Efficiency	76.28%
Source Flux	9945 lm	Maximum value	279.30 cd/klm	Position	C=0.00 G=1.00	CG Double Symmetrical	

Luminance



45.0°

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Source Flux	9945 lm		Maximum value		279.30 cd/klm		Position		C=0.00 G=1.00		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	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896	
G 5.0	7675	7664	7665	7676	7687	7706	7735	7767	7803	7842	7803	7767	7735	
G 10.0	7432	7418	7422	7443	7471	7506	7556	7621	7691	7760	7691	7621	7556	
G 15.0	7179	7164	7169	7193	7232	7288	7363	7453	7553	7662	7553	7453	7363	
G 20.0	6904	6890	6898	6929	6983	7056	7150	7268	7400	7540	7400	7268	7150	
G 25.0	6621	6604	6616	6655	6713	6802	6922	7063	7223	7401	7223	7063	6922	
G 30.0	6333	6311	6323	6366	6436	6537	6674	6841	7033	7248	7033	6841	6674	
G 35.0	6020	5996	6010	6060	6142	6261	6417	6605	6824	7073	6824	6605	6417	
G 40.0	5700	5676	5690	5741	5833	5964	6134	6348	6597	6880	6597	6348	6134	
G 45.0	5359	5330	5346	5405	5506	5647	5834	6070	6349	6674	6349	6070	5834	
G 50.0	4993	4966	4983	5046	5149	5303	5510	5763	6071	6440	6071	5763	5510	
G 55.0	4598	4569	4587	4653	4763	4922	5139	5421	5763	6169	5763	5421	5139	
G 60.0	4158	4131	4150	4215	4331	4501	4729	5018	5386	5848	5386	5018	4729	
G 65.0	3665	3632	3649	3715	3831	4001	4234	4542	4940	5452	4940	4542	4234	
G 70.0	3087	3053	3075	3149	3259	3427	3662	3968	4383	4954	4383	3968	3662	
G 75.0	2432	2400	2420	2487	2589	2747	2974	3277	3698	4300	3698	3277	2974	
G 80.0	1674	1658	1669	1710	1793	1930	2133	2415	2831	3473	2831	2415	2133	
G 85.0	809	791	798	831	881	965	1096	1323	1665	2263	1665	1323	1096	
G 90.0	106	104	105	110	119	130	144	183	262	484	262	183	144	

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Source Flux	9945 lm		Maximum value		279.30 cd/klm		Position		C=0.00 G=1.00		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	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896	
G 5.0	7706	7687	7676	7665	7664	7675	7664	7665	7676	7687	7706	7735	7767	
G 10.0	7506	7471	7443	7422	7418	7432	7418	7422	7443	7471	7506	7556	7621	
G 15.0	7288	7232	7193	7169	7164	7179	7164	7169	7193	7232	7288	7363	7453	
G 20.0	7056	6983	6929	6898	6890	6904	6890	6898	6929	6983	7056	7150	7268	
G 25.0	6802	6713	6655	6616	6604	6621	6604	6616	6655	6713	6802	6922	7063	
G 30.0	6537	6436	6366	6323	6311	6333	6311	6323	6366	6436	6537	6674	6841	
G 35.0	6261	6142	6060	6010	5996	6020	5996	6010	6060	6142	6261	6417	6605	
G 40.0	5964	5833	5741	5690	5676	5700	5676	5690	5741	5833	5964	6134	6348	
G 45.0	5647	5506	5405	5346	5330	5359	5330	5346	5405	5506	5647	5834	6070	
G 50.0	5303	5149	5046	4983	4966	4993	4966	4983	5046	5149	5303	5510	5763	
G 55.0	4922	4763	4653	4587	4569	4598	4569	4587	4653	4763	4922	5139	5421	
G 60.0	4501	4331	4215	4150	4131	4158	4131	4150	4215	4331	4501	4729	5018	
G 65.0	4001	3831	3715	3649	3632	3665	3632	3649	3715	3831	4001	4234	4542	
G 70.0	3427	3259	3149	3075	3053	3087	3053	3075	3149	3259	3427	3662	3968	
G 75.0	2747	2589	2487	2420	2400	2432	2400	2420	2487	2589	2747	2974	3277	
G 80.0	1930	1793	1710	1669	1658	1674	1658	1669	1710	1793	1930	2133	2415	
G 85.0	965	881	831	798	791	809	791	798	831	881	965	1096	1323	
G 90.0	130	119	110	105	104	106	104	105	110	119	130	144	183	

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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	7896	7896	7896	7896	7896	7896	7896	7896	7896	7896
G 5.0	7803	7842	7803	7767	7735	7706	7687	7676	7665	7664
G 10.0	7691	7760	7691	7621	7556	7506	7471	7443	7422	7418
G 15.0	7553	7662	7553	7453	7363	7288	7232	7193	7169	7164
G 20.0	7400	7540	7400	7268	7150	7056	6983	6929	6898	6890
G 25.0	7223	7401	7223	7063	6922	6802	6713	6655	6616	6604
G 30.0	7033	7248	7033	6841	6674	6537	6436	6366	6323	6311
G 35.0	6824	7073	6824	6605	6417	6261	6142	6060	6010	5996
G 40.0	6597	6880	6597	6348	6134	5964	5833	5741	5690	5676
G 45.0	6349	6674	6349	6070	5834	5647	5506	5405	5346	5330
G 50.0	6071	6440	6071	5763	5510	5303	5149	5046	4983	4966
G 55.0	5763	6169	5763	5421	5139	4922	4763	4653	4587	4569
G 60.0	5386	5848	5386	5018	4729	4501	4331	4215	4150	4131
G 65.0	4940	5452	4940	4542	4234	4001	3831	3715	3649	3632
G 70.0	4383	4954	4383	3968	3662	3427	3259	3149	3075	3053
G 75.0	3698	4300	3698	3277	2974	2747	2589	2487	2420	2400
G 80.0	2831	3473	2831	2415	2133	1930	1793	1710	1669	1658
G 85.0	1665	2263	1665	1323	1096	965	881	831	798	791
G 90.0	262	484	262	183	144	130	119	110	105	104