

Luminaire

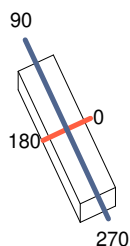
Code 90718L102
Name ROFY 60 SQ L1078W286 GCONTROL+ K3 830 HO

Measur.

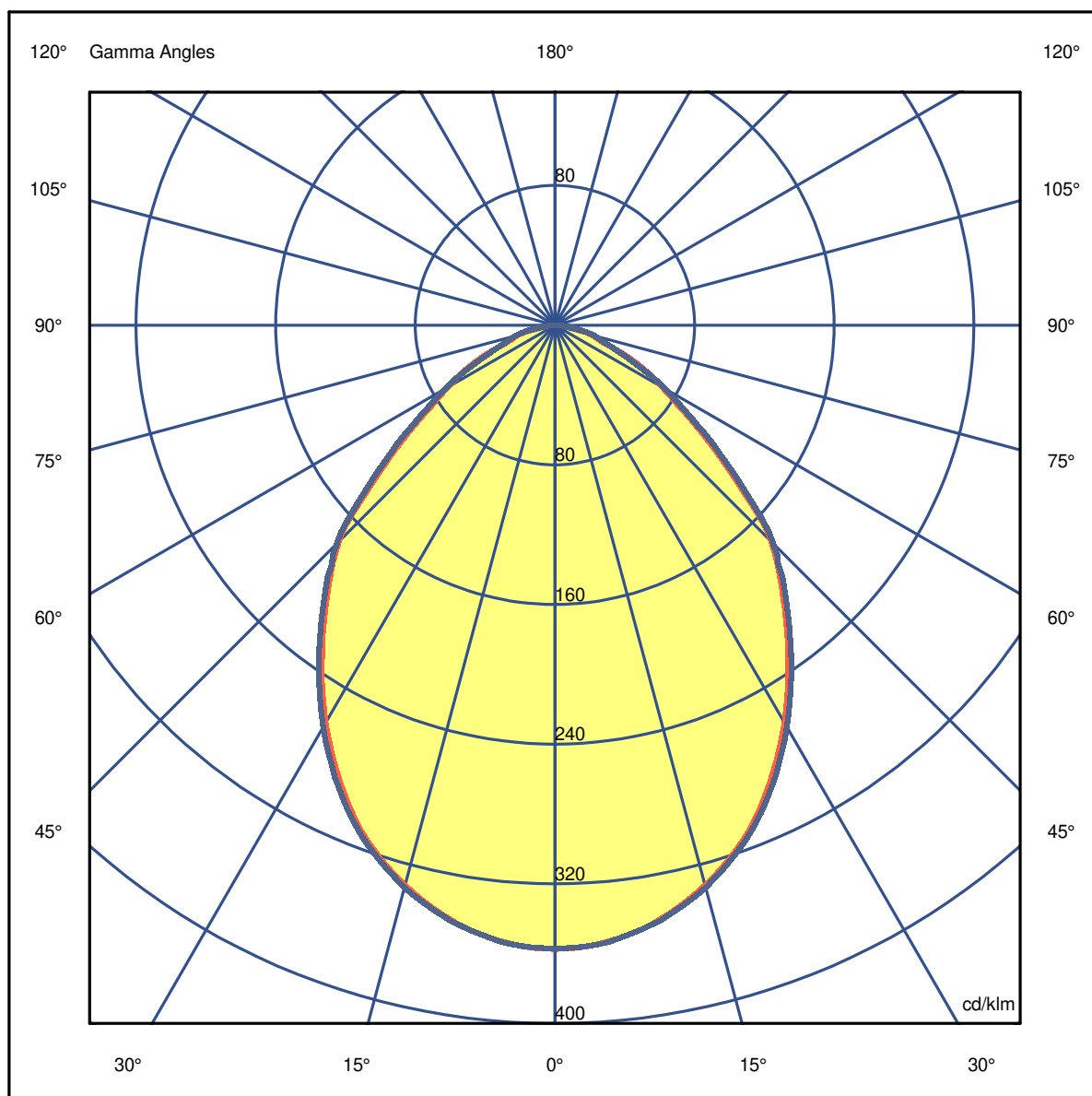
Code 9/8/2023
Name ROFY 60 SQ L1078W286 GCONTROL+ K3 830 HO

Luminaire Flux	5612 lm	Luminaire Power	45.2 W	Efficacy	124.087 lm/W	Efficiency	70.54%
Source Flux	7956 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1078mm x 286mm



C Halfplanes



Luminaire

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Measurem.

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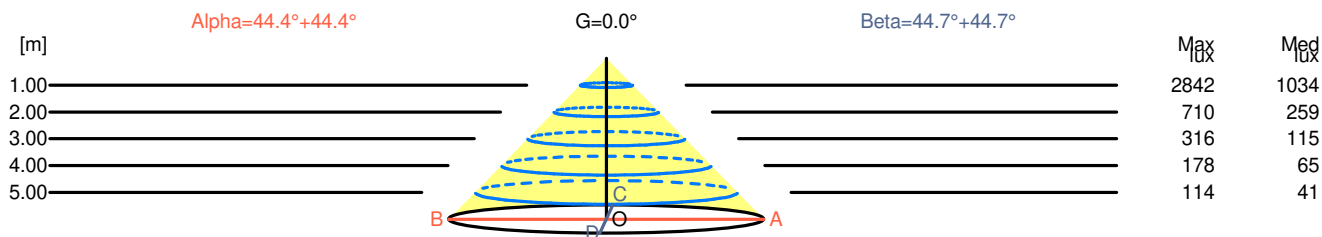
Name ROFY 60 SQ L1078W286 GCONTROL+ K3 830 HO

Luminaire Flux	5612 lm	Luminaire Power	45.2 W	Efficacy	124.087 lm/W	Efficiency	70.54%
Source Flux	7956 lm	Maximum value	357.20 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	0.98	1.96	2.94	3.92	4.90	OC	0.99	1.98	2.97	3.96	4.95
OB	0.98	1.96	2.94	3.92	4.90	OD	0.99	1.98	2.97	3.96	4.95

	0	5	15	25	35	45	55	65	75	85
OA	2841.88	2818.81	2642.19	2310.42	1852.16	1393.89	766.16	408.14	177.42	46.94
OB	2841.88	2818.81	2642.19	2310.42	1852.16	1393.89	766.16	408.14	177.42	46.94
OC	2841.88	2820.40	2652.53	2329.52	1877.62	1407.42	791.62	385.07	188.56	53.31
OD	2841.88	2820.40	2652.53	2329.52	1877.62	1407.42	791.62	385.07	188.56	53.31



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	2842	1034			
2.00	3.92	710	259			
3.00	5.88	316	115			
4.00	7.84	178	65			
5.00	9.80	114	41			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	2842	1034			
2.00	3.96	710	259			
3.00	5.95	316	115			
4.00	7.93	178	65			
5.00	9.91	114	41			

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Luminaire Flux	5612 lm	Luminaire Power	45.2 W	Efficacy	124.087 lm/W	Efficiency	70.54%
Source Flux	7956 lm	Maximum value	357.20 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	16.3	17.4	16.6	17.6	17.9	16.9	18.0	17.2	18.3	18.5
x=2H y=3H	16.8	17.9	17.1	18.1	18.4	17.5	18.5	17.8	18.8	19.1
x=2H y=4H	17.0	18.0	17.3	18.2	18.5	17.8	18.7	18.1	19.0	19.3
x=2H y=6H	17.1	18.0	17.5	18.3	18.6	18.0	18.9	18.3	19.2	19.5
x=2H y=8H	17.1	18.0	17.5	18.3	18.6	18.0	18.9	18.4	19.2	19.5
x=2H y=12H	17.1	17.9	17.5	18.3	18.6	18.1	18.9	18.4	19.2	19.5
x=4H y=2H	16.4	17.4	16.8	17.7	17.9	17.0	18.0	17.3	18.2	18.5
x=4H y=3H	17.1	17.9	17.5	18.3	18.6	17.8	18.6	18.1	18.9	19.2
x=4H y=4H	17.4	18.1	17.8	18.5	18.8	18.1	18.8	18.5	19.2	19.5
x=4H y=6H	17.6	18.2	18.0	18.6	19.0	18.4	19.1	18.8	19.4	19.8
x=4H y=8H	17.6	18.2	18.1	18.6	19.0	18.5	19.1	19.0	19.5	19.9
x=4H y=12H	17.7	18.2	18.1	18.6	19.0	18.6	19.1	19.1	19.5	19.9
x=8H y=4H	17.5	18.0	17.9	18.4	18.8	18.2	18.7	18.6	19.1	19.5
x=8H y=6H	17.8	18.2	18.2	18.6	19.1	18.6	19.0	19.0	19.4	19.9
x=8H y=8H	17.9	18.3	18.3	18.7	19.2	18.7	19.1	19.2	19.6	20.0
x=8H y=12H	17.9	18.3	18.4	18.7	19.2	18.9	19.2	19.3	19.7	20.2
x=12H y=4H	17.5	18.0	17.9	18.4	18.8	18.2	18.6	18.6	19.1	19.5
x=12H y=6H	17.8	18.2	18.2	18.6	19.1	18.6	19.0	19.0	19.4	19.9
x=12H y=8H	17.9	18.2	18.4	18.7	19.2	18.7	19.1	19.2	19.6	20.1

Luminaire

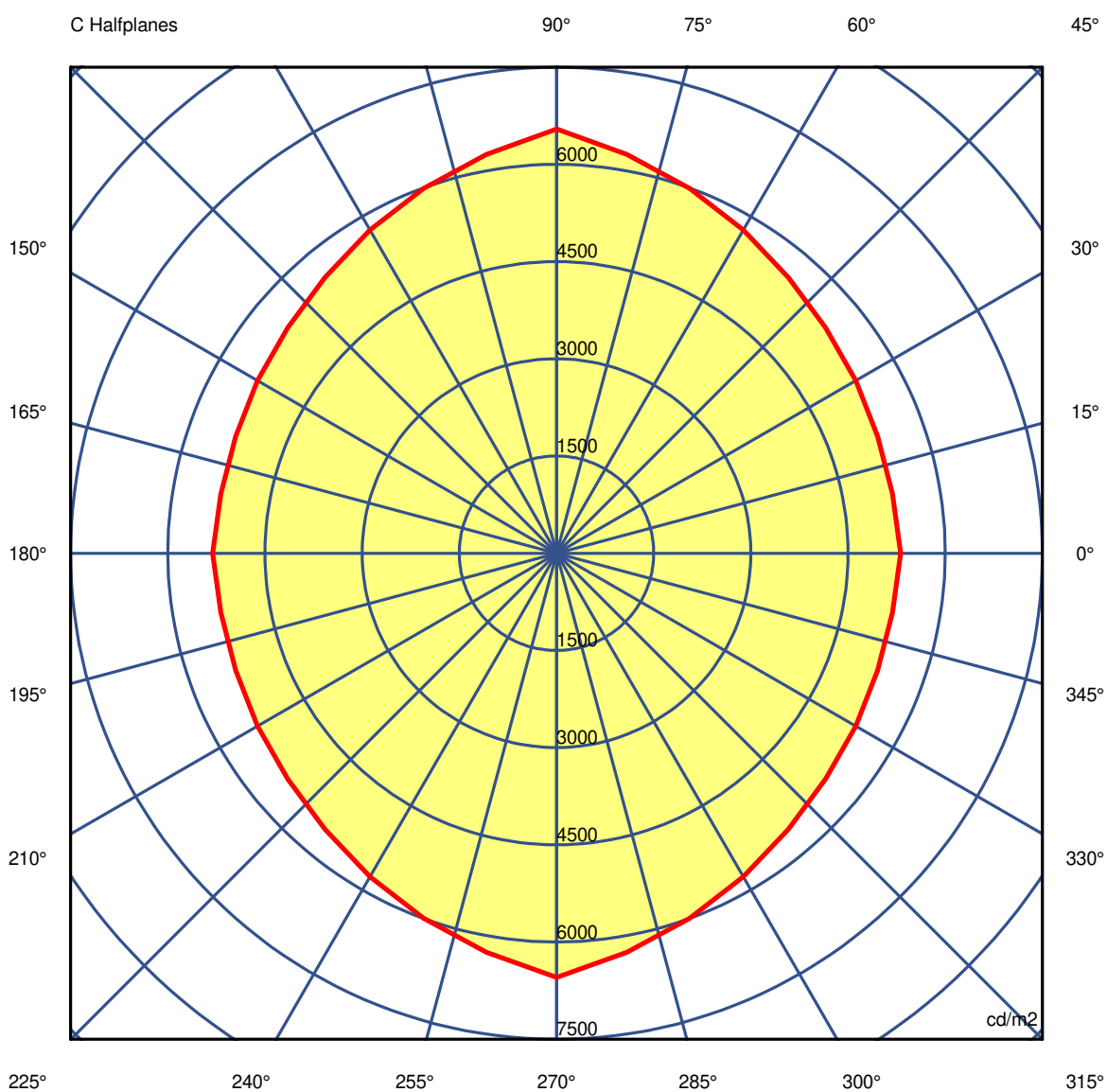
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Measurem.

Code 9/8/2023
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Luminaire Flux	5612 lm	Luminaire Power	45.2 W	Efficacy	124.087 lm/W	Efficiency	70.54%
Source Flux	7956 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90718L102

Name ROFY 60 SQ L1078W286 GCONTROL+ K3 830 HO

Measurement

Code 9/8/2023

Name ROFY 60 SQ L1078W286 GCONTROL+ K3 830 HO

Luminaire Flux	5612 lm		Luminaire Power		45.2 W		Efficacy		124.087 lm/W		Efficiency		70.54%	
Source Flux	7956 lm		Maximum value		357.20 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	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098	
G 5.0	9781	9770	9773	9786	9801	9825	9859	9897	9941	9990	9941	9897	9859	
G 10.0	9394	9380	9382	9399	9432	9482	9546	9623	9709	9802	9709	9623	9546	
G 15.0	8953	8933	8934	8956	9003	9074	9168	9284	9413	9552	9413	9284	9168	
G 20.0	8470	8438	8426	8443	8501	8592	8713	8872	9048	9231	9048	8872	8713	
G 25.0	7884	7841	7842	7884	7956	8059	8200	8380	8584	8803	8584	8380	8200	
G 30.0	7248	7198	7207	7271	7369	7493	7642	7821	8036	8286	8036	7821	7642	
G 35.0	6565	6536	6557	6629	6744	6887	7047	7226	7447	7711	7447	7226	7047	
G 40.0	5913	5892	5916	5985	6091	6230	6403	6613	6855	7129	6855	6613	6403	
G 45.0	5308	5262	5273	5331	5417	5560	5763	5994	6252	6547	6252	5994	5763	
G 50.0	4211	4251	4309	4322	4257	4410	4777	5023	5213	5443	5213	5023	4777	
G 55.0	3259	3521	3416	2996	2697	2727	3197	4029	4509	4399	4509	4029	3197	
G 60.0	2577	2654	2384	2000	2115	2226	2335	2943	3466	3603	3466	2943	2335	
G 65.0	2036	1989	1808	1533	1738	1845	1803	2223	2642	2762	2642	2223	1803	
G 70.0	1325	1470	1513	1427	1303	1370	1643	1888	2053	2174	2053	1888	1643	
G 75.0	1111	1151	1114	1051	1110	1184	1277	1505	1761	1992	1761	1505	1277	
G 80.0	747	800	841	879	946	1034	1139	1271	1403	1543	1403	1271	1139	
G 85.0	411	479	538	568	565	632	788	929	1033	1133	1033	929	788	
G 90.0	80	77	78	80	79	85	99	122	168	282	168	122	99	

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Luminaire Flux	5612 lm		Luminaire Power		45.2 W		Efficacy		124.087 lm/W		Efficiency		70.54%	
Source Flux	7956 lm		Maximum value		357.20 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	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098	
G 5.0	9825	9801	9786	9773	9770	9781	9770	9773	9786	9801	9825	9859	9897	
G 10.0	9482	9432	9399	9382	9380	9394	9380	9382	9399	9432	9482	9546	9623	
G 15.0	9074	9003	8956	8934	8933	8953	8933	8934	8956	9003	9074	9168	9284	
G 20.0	8592	8501	8443	8426	8438	8470	8438	8426	8443	8501	8592	8713	8872	
G 25.0	8059	7956	7884	7842	7841	7884	7841	7842	7884	7956	8059	8200	8380	
G 30.0	7493	7369	7271	7207	7198	7248	7198	7207	7271	7369	7493	7642	7821	
G 35.0	6887	6744	6629	6557	6536	6565	6536	6557	6629	6744	6887	7047	7226	
G 40.0	6230	6091	5985	5916	5892	5913	5892	5916	5985	6091	6230	6403	6613	
G 45.0	5560	5417	5331	5273	5262	5308	5262	5273	5331	5417	5560	5763	5994	
G 50.0	4410	4257	4322	4309	4251	4211	4251	4309	4322	4257	4410	4777	5023	
G 55.0	2727	2697	2996	3416	3521	3259	3521	3416	2996	2697	2727	3197	4029	
G 60.0	2226	2115	2000	2384	2654	2577	2654	2384	2000	2115	2226	2335	2943	
G 65.0	1845	1738	1533	1808	1989	2036	1989	1808	1533	1738	1845	1803	2223	
G 70.0	1370	1303	1427	1513	1470	1325	1470	1513	1427	1303	1370	1643	1888	
G 75.0	1184	1110	1051	1114	1151	1111	1151	1114	1051	1110	1184	1277	1505	
G 80.0	1034	946	879	841	800	747	800	841	879	946	1034	1139	1271	
G 85.0	632	565	568	538	479	411	479	538	568	565	632	788	929	
G 90.0	85	79	80	78	77	80	77	78	80	79	85	99	122	

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Source Flux	7956 lm	Maximum value	357.20 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	10098	10098	10098	10098	10098	10098	10098	10098	10098	10098
G 5.0	9941	9990	9941	9897	9859	9825	9801	9786	9773	9770
G 10.0	9709	9802	9709	9623	9546	9482	9432	9399	9382	9380
G 15.0	9413	9552	9413	9284	9168	9074	9003	8956	8934	8933
G 20.0	9048	9231	9048	8872	8713	8592	8501	8443	8426	8438
G 25.0	8584	8803	8584	8380	8200	8059	7956	7884	7842	7841
G 30.0	8036	8286	8036	7821	7642	7493	7369	7271	7207	7198
G 35.0	7447	7711	7447	7226	7047	6887	6744	6629	6557	6536
G 40.0	6855	7129	6855	6613	6403	6230	6091	5985	5916	5892
G 45.0	6252	6547	6252	5994	5763	5560	5417	5331	5273	5262
G 50.0	5213	5443	5213	5023	4777	4410	4257	4322	4309	4251
G 55.0	4509	4399	4509	4029	3197	2727	2697	2996	3416	3521
G 60.0	3466	3603	3466	2943	2335	2226	2115	2000	2384	2654
G 65.0	2642	2762	2642	2223	1803	1845	1738	1533	1808	1989
G 70.0	2053	2174	2053	1888	1643	1370	1303	1427	1513	1470
G 75.0	1761	1992	1761	1505	1277	1184	1110	1051	1114	1151
G 80.0	1403	1543	1403	1271	1139	1034	946	879	841	800
G 85.0	1033	1133	1033	929	788	632	565	568	538	479
G 90.0	168	282	168	122	99	85	79	80	78	77