

Luminaire

Code 90718L550

Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

Measurem.

Code 9/8/2023

Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

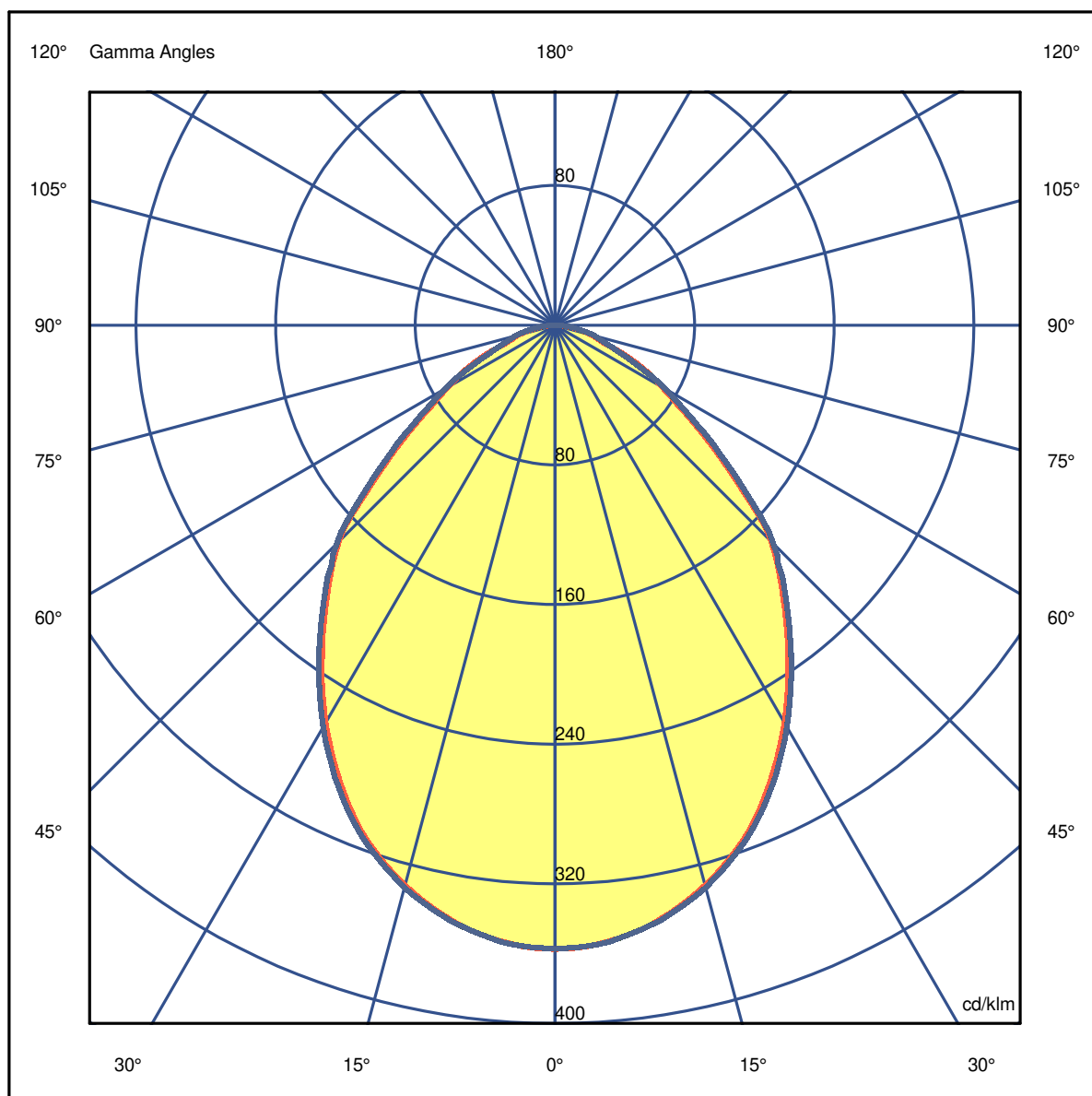
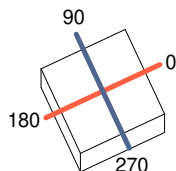
Luminaire Flux	5612 lm	Luminaire Power	45.2 W	Efficacy	124.087 lm/W	Efficiency	70.54%
Source Flux	7956 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 550mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



Luminaire

Code 90718L550
Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

Measurem.

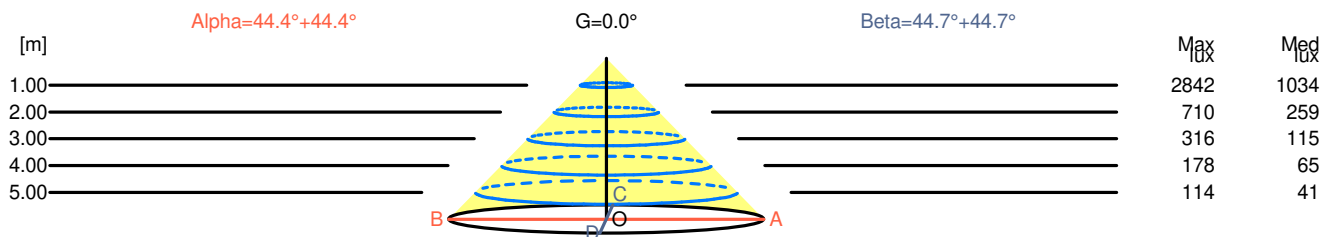
Code 9/8/2023
Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

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			

Luminaire

Code 90718L550

Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

Measurem.

Code 9/8/2023

Name ROFY 60 SQ L0550W550 GCONTROL+ 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

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	16.7	17.8	17.0	18.1	18.3	16.8	18.0	17.1	18.2	18.4
x=2H y=3H	17.3	18.3	17.6	18.6	18.8	17.4	18.4	17.7	18.7	18.9
x=2H y=4H	17.5	18.5	17.8	18.7	19.0	17.6	18.6	17.9	18.8	19.1
x=2H y=6H	17.7	18.6	18.0	18.8	19.2	17.8	18.7	18.1	19.0	19.3
x=2H y=8H	17.7	18.5	18.0	18.8	19.2	17.8	18.7	18.2	19.0	19.3
x=2H y=12H	17.7	18.5	18.1	18.8	19.2	17.8	18.7	18.2	19.0	19.3
x=4H y=2H	16.8	17.8	17.1	18.1	18.3	16.9	17.9	17.3	18.2	18.4
x=4H y=3H	17.6	18.4	18.0	18.7	19.1	17.7	18.5	18.0	18.8	19.1
x=4H y=4H	17.9	18.6	18.3	19.0	19.3	18.0	18.7	18.4	19.1	19.4
x=4H y=6H	18.1	18.8	18.6	19.1	19.5	18.3	18.9	18.7	19.3	19.7
x=4H y=8H	18.2	18.8	18.6	19.2	19.6	18.4	18.9	18.8	19.3	19.7
x=4H y=12H	18.3	18.8	18.7	19.2	19.6	18.4	18.9	18.9	19.3	19.7
x=8H y=4H	18.0	18.5	18.4	18.9	19.3	18.1	18.6	18.5	19.0	19.4
x=8H y=6H	18.3	18.8	18.8	19.2	19.6	18.4	18.9	18.9	19.3	19.8
x=8H y=8H	18.4	18.8	18.9	19.3	19.7	18.6	19.0	19.0	19.4	19.9
x=8H y=12H	18.5	18.9	19.0	19.3	19.8	18.7	19.0	19.2	19.5	20.0
x=12H y=4H	18.0	18.5	18.4	18.9	19.3	18.1	18.6	18.5	19.0	19.4
x=12H y=6H	18.3	18.7	18.8	19.2	19.6	18.4	18.8	18.9	19.3	19.8
x=12H y=8H	18.5	18.8	19.0	19.3	19.8	18.6	19.0	19.1	19.4	19.9

Luminaire

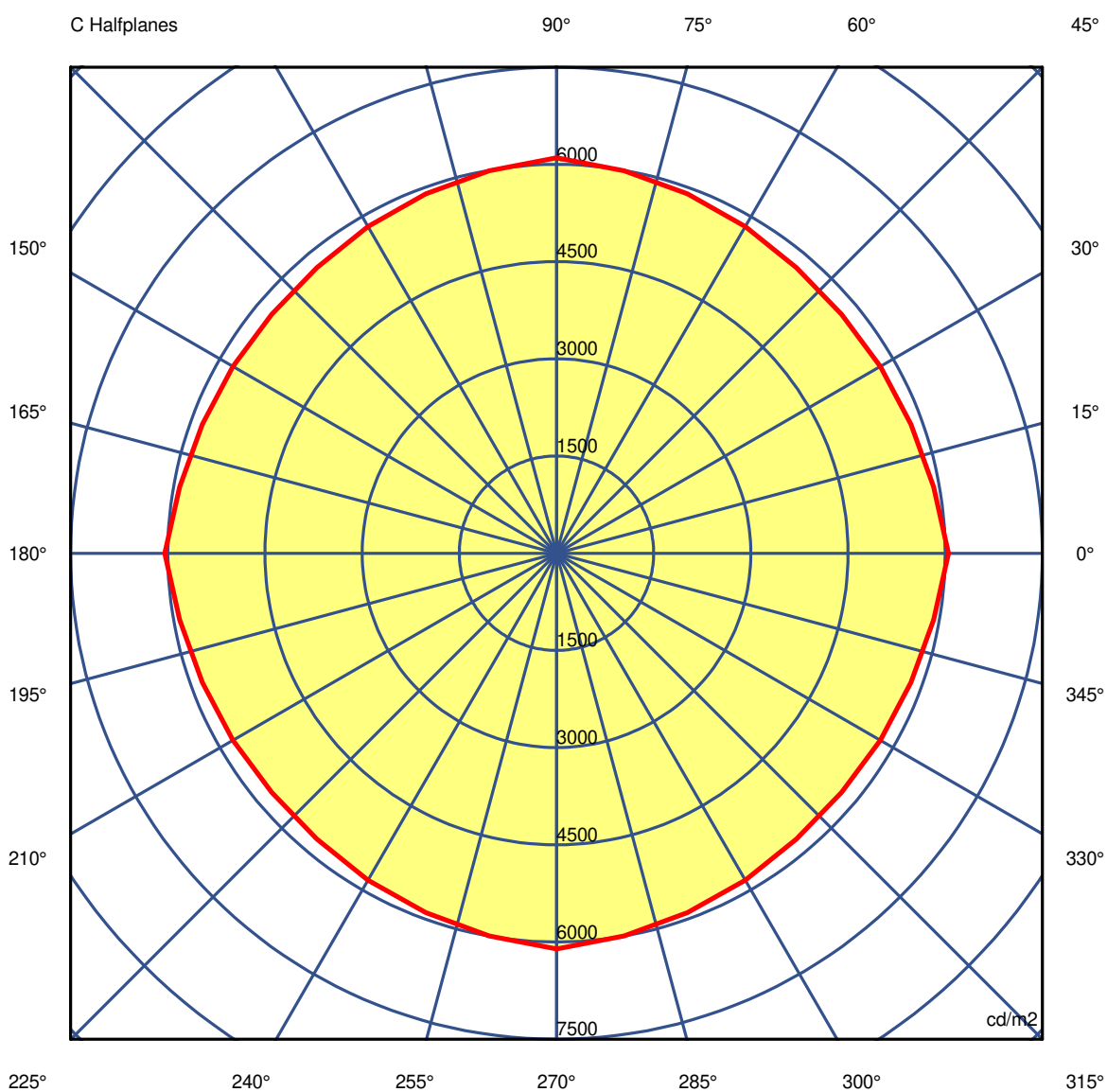
Code 90718L550
Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

Measurem.

Code 9/8/2023
Name ROFY 60 SQ L0550W550 GCONTROL+ 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



45.0°

Luminaire

Code 90718L550

Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

Measurement.

Code 9/8/2023

Name ROFY 60 SQ L0550W550 GCONTROL+ 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	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117	
G 5.0	9934	9909	9894	9887	9879	9878	9887	9898	9915	9939	9915	9898	9887	
G 10.0	9669	9627	9595	9573	9563	9566	9581	9607	9642	9686	9642	9607	9581	
G 15.0	9337	9276	9229	9195	9180	9185	9209	9252	9308	9373	9308	9252	9209	
G 20.0	8951	8865	8791	8737	8719	8727	8760	8827	8907	8994	8907	8827	8760	
G 25.0	8444	8338	8265	8226	8208	8214	8251	8322	8411	8514	8411	8322	8251	
G 30.0	7872	7749	7675	7650	7649	7664	7697	7752	7836	7950	7836	7752	7697	
G 35.0	7237	7128	7060	7036	7045	7071	7105	7148	7225	7336	7225	7148	7105	
G 40.0	6622	6515	6446	6412	6406	6422	6462	6527	6613	6720	6613	6527	6462	
G 45.0	6048	5907	5818	5770	5739	5757	5822	5902	5994	6106	5994	5902	5822	
G 50.0	4890	4852	4823	4731	4547	4588	4832	4932	4962	5016	4962	4932	4832	
G 55.0	3869	4096	3884	3321	2907	2853	3238	3944	4256	3998	4256	3944	3238	
G 60.0	3139	3157	2762	2250	2304	2344	2369	2870	3240	3218	3240	2870	2369	
G 65.0	2558	2430	2141	1755	1918	1958	1833	2159	2439	2414	2439	2159	1833	
G 70.0	1730	1855	1841	1670	1461	1468	1675	1822	1865	1845	1865	1822	1675	
G 75.0	1527	1517	1404	1264	1271	1284	1306	1442	1566	1622	1566	1442	1306	
G 80.0	1102	1118	1112	1098	1113	1141	1171	1204	1207	1179	1207	1204	1171	
G 85.0	677	731	764	751	694	716	816	865	841	769	841	865	816	
G 90.0	159	137	124	116	104	100	103	110	122	141	122	110	103	

Luminaire

Code 90718L550

Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

Measurement.

Code 9/8/2023

Name ROFY 60 SQ L0550W550 GCONTROL+ 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 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	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117	
G 5.0	9878	9879	9887	9894	9909	9934	9909	9894	9887	9879	9878	9887	9898	
G 10.0	9566	9563	9573	9595	9627	9669	9627	9595	9573	9563	9566	9581	9607	
G 15.0	9185	9180	9195	9229	9276	9337	9276	9229	9195	9180	9185	9209	9252	
G 20.0	8727	8719	8737	8791	8865	8951	8865	8791	8737	8719	8727	8760	8827	
G 25.0	8214	8208	8226	8265	8338	8444	8338	8265	8226	8208	8214	8251	8322	
G 30.0	7664	7649	7650	7675	7749	7872	7749	7675	7650	7649	7664	7697	7752	
G 35.0	7071	7045	7036	7060	7128	7237	7128	7060	7036	7045	7071	7105	7148	
G 40.0	6422	6406	6412	6446	6515	6622	6515	6446	6412	6406	6422	6462	6527	
G 45.0	5757	5739	5770	5818	5907	6048	5907	5818	5770	5739	5757	5822	5902	
G 50.0	4588	4547	4731	4823	4852	4890	4852	4823	4731	4547	4588	4832	4932	
G 55.0	2853	2907	3321	3884	4096	3869	4096	3884	3321	2907	2853	3238	3944	
G 60.0	2344	2304	2250	2762	3157	3139	3157	2762	2250	2304	2344	2369	2870	
G 65.0	1958	1918	1755	2141	2430	2558	2430	2141	1755	1918	1958	1833	2159	
G 70.0	1468	1461	1670	1841	1855	1730	1855	1841	1670	1461	1468	1675	1822	
G 75.0	1284	1271	1264	1404	1517	1527	1517	1404	1264	1271	1284	1306	1442	
G 80.0	1141	1113	1098	1112	1118	1102	1118	1112	1098	1113	1141	1171	1204	
G 85.0	716	694	751	764	731	677	731	764	751	694	716	816	865	
G 90.0	100	104	116	124	137	159	137	124	116	104	100	103	110	

Luminaire

Code 90718L550

Name ROFY 60 SQ L0550W550 GCONTROL+ 830 HO

Measurem.

Code 9/8/2023

Name ROFY 60 SQ L0550W550 GCONTROL+ 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 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	10117	10117	10117	10117	10117	10117	10117	10117	10117	10117
G 5.0	9915	9939	9915	9898	9887	9878	9879	9887	9894	9909
G 10.0	9642	9686	9642	9607	9581	9566	9563	9573	9595	9627
G 15.0	9308	9373	9308	9252	9209	9185	9180	9195	9229	9276
G 20.0	8907	8994	8907	8827	8760	8727	8719	8737	8791	8865
G 25.0	8411	8514	8411	8322	8251	8214	8208	8226	8265	8338
G 30.0	7836	7950	7836	7752	7697	7664	7649	7650	7675	7749
G 35.0	7225	7336	7225	7148	7105	7071	7045	7036	7060	7128
G 40.0	6613	6720	6613	6527	6462	6422	6406	6412	6446	6515
G 45.0	5994	6106	5994	5902	5822	5757	5739	5770	5818	5907
G 50.0	4962	5016	4962	4932	4832	4588	4547	4731	4823	4852
G 55.0	4256	3998	4256	3944	3238	2853	2907	3321	3884	4096
G 60.0	3240	3218	3240	2870	2369	2344	2304	2250	2762	3157
G 65.0	2439	2414	2439	2159	1833	1958	1918	1755	2141	2430
G 70.0	1865	1845	1865	1822	1675	1468	1461	1670	1841	1855
G 75.0	1566	1622	1566	1442	1306	1284	1271	1264	1404	1517
G 80.0	1207	1179	1207	1204	1171	1141	1113	1098	1112	1118
G 85.0	841	769	841	865	816	716	694	751	764	731
G 90.0	122	141	122	110	103	100	104	116	124	137