

**Luminaire**

Code 90718L132

Name ROFY 60 SQ L1342W286 GCONTROL+ 840 HO

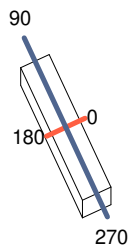
**Measurem.**

Code 9/8/2023

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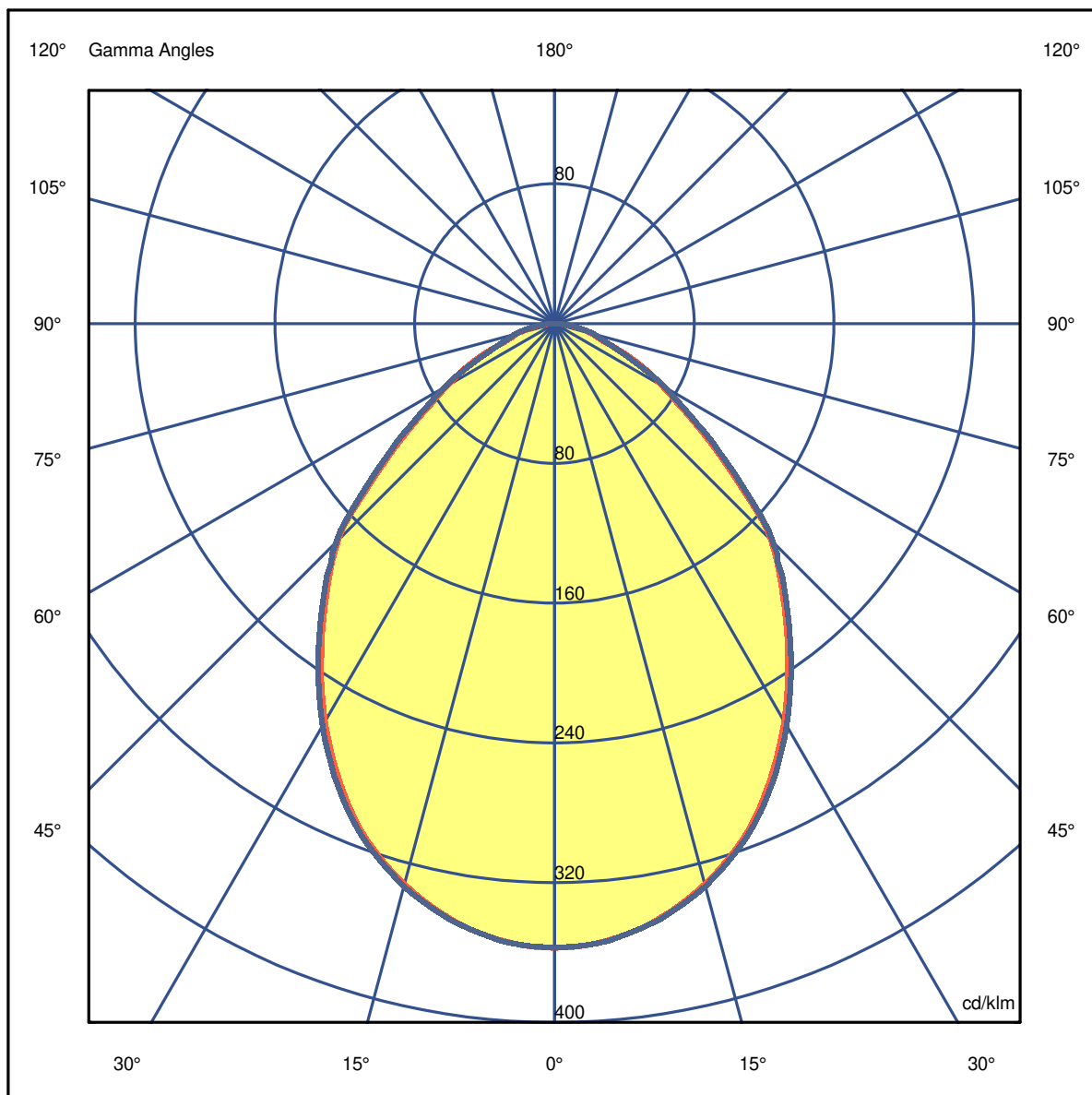
Luminaire Flux	7344 lm	Luminaire Power	56.2 W	Efficacy	130.622 lm/W	Efficiency	70.54%
Source Flux	10410 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1342mm x 286mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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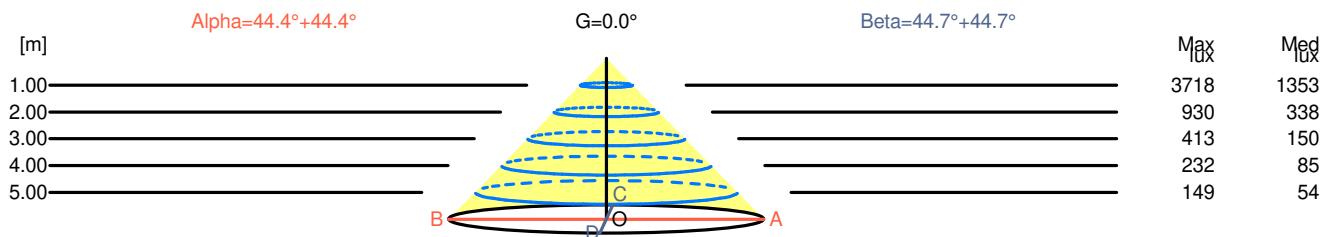
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Width at 50.00 % of Max Intensity

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	3718.45	3688.26	3457.16	3023.06	2423.45	1823.83	1002.48	534.03	232.14	61.42
OB	3718.45	3688.26	3457.16	3023.06	2423.45	1823.83	1002.48	534.03	232.14	61.42
OC	3718.45	3690.35	3470.69	3048.05	2456.76	1841.53	1035.80	503.84	246.72	69.75
OD	3718.45	3690.35	3470.69	3048.05	2456.76	1841.53	1035.80	503.84	246.72	69.75



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	3718	1353			
2.00	3.92	930	338			
3.00	5.88	413	150			
4.00	7.84	232	85			
5.00	9.80	149	54			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	3718	1353			
2.00	3.96	930	338			
3.00	5.95	413	150			
4.00	7.93	232	85			
5.00	9.91	149	54			

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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	16.5	17.6	16.8	17.8	18.1	17.1	18.3	17.4	18.5	18.7
x=2H y=3H	17.0	18.0	17.3	18.3	18.5	17.7	18.8	18.1	19.0	19.3
x=2H y=4H	17.2	18.1	17.5	18.4	18.7	18.0	19.0	18.3	19.2	19.5
x=2H y=6H	17.3	18.2	17.6	18.5	18.8	18.2	19.1	18.6	19.4	19.7
x=2H y=8H	17.3	18.2	17.7	18.5	18.8	18.3	19.1	18.6	19.4	19.7
x=2H y=12H	17.3	18.1	17.7	18.4	18.8	18.3	19.1	18.7	19.4	19.8
x=4H y=2H	16.6	17.6	16.9	17.9	18.1	17.2	18.2	17.5	18.5	18.7
x=4H y=3H	17.3	18.1	17.7	18.5	18.8	18.0	18.8	18.4	19.1	19.5
x=4H y=4H	17.6	18.3	18.0	18.6	19.0	18.4	19.1	18.7	19.4	19.8
x=4H y=6H	17.8	18.4	18.2	18.8	19.2	18.7	19.3	19.1	19.7	20.1
x=4H y=8H	17.8	18.4	18.2	18.8	19.2	18.8	19.3	19.2	19.7	20.1
x=4H y=12H	17.9	18.4	18.3	18.8	19.2	18.9	19.4	19.3	19.8	20.2
x=8H y=4H	17.7	18.2	18.1	18.6	19.0	18.4	18.9	18.8	19.3	19.8
x=8H y=6H	17.9	18.4	18.4	18.8	19.3	18.8	19.3	19.3	19.7	20.1
x=8H y=8H	18.0	18.4	18.5	18.9	19.4	19.0	19.4	19.4	19.8	20.3
x=8H y=12H	18.1	18.4	18.6	18.9	19.4	19.1	19.5	19.6	19.9	20.4
x=12H y=4H	17.7	18.2	18.1	18.6	19.0	18.4	18.9	18.8	19.3	19.7
x=12H y=6H	18.0	18.4	18.4	18.8	19.3	18.8	19.2	19.3	19.7	20.1
x=12H y=8H	18.1	18.4	18.6	18.9	19.4	19.0	19.3	19.5	19.8	20.3

**Luminaire**

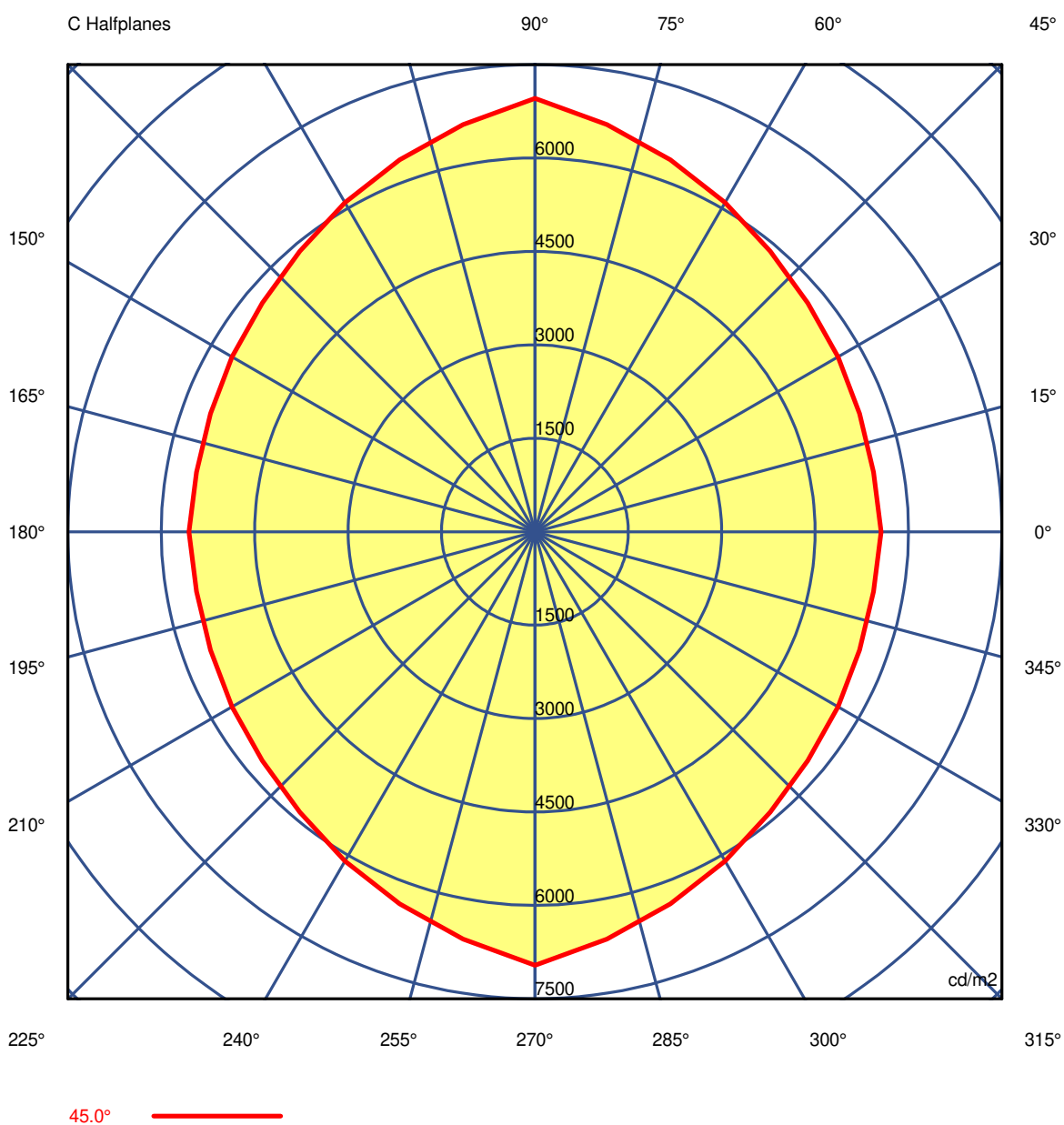
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**Measurem.**

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Luminaire Flux	7344 lm	Luminaire Power	56.2 W	Efficacy	130.622 lm/W	Efficiency	70.54%
Source Flux	10410 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	7344 lm		Luminaire Power		56.2 W		Efficacy		130.622 lm/W		Efficiency		70.54%	
Source Flux	10410 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	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574	
G 5.0	10242	10234	10239	10254	10272	10299	10337	10377	10424	10475	10424	10377	10337	
G 10.0	9837	9827	9833	9855	9894	9950	10020	10103	10194	10293	10194	10103	10020	
G 15.0	9375	9361	9368	9397	9451	9531	9634	9759	9898	10045	9898	9759	9634	
G 20.0	8870	8844	8839	8864	8932	9034	9167	9339	9527	9721	9527	9339	9167	
G 25.0	8255	8220	8230	8283	8366	8482	8637	8833	9052	9285	9052	8833	8637	
G 30.0	7590	7548	7567	7644	7756	7895	8059	8255	8487	8754	8487	8255	8059	
G 35.0	6875	6855	6887	6974	7105	7264	7442	7638	7878	8161	7878	7638	7442	
G 40.0	6192	6181	6217	6301	6422	6579	6771	7001	7265	7561	7265	7001	6771	
G 45.0	5559	5522	5544	5617	5718	5879	6103	6358	6640	6959	6640	6358	6103	
G 50.0	4409	4462	4534	4558	4498	4670	5068	5338	5548	5800	5548	5338	5068	
G 55.0	3413	3697	3596	3162	2853	2892	3398	4292	4812	4703	4812	4292	3398	
G 60.0	2698	2788	2512	2114	2241	2365	2488	3144	3712	3868	3712	3144	2488	
G 65.0	2132	2091	1906	1622	1845	1965	1926	2383	2842	2979	2842	2383	1926	
G 70.0	1387	1545	1597	1512	1386	1463	1762	2032	2220	2361	2220	2032	1762	
G 75.0	1163	1211	1178	1116	1184	1269	1376	1630	1920	2186	1920	1630	1376	
G 80.0	782	842	890	935	1012	1113	1235	1388	1548	1724	1548	1388	1235	
G 85.0	431	505	571	607	608	686	863	1030	1165	1312	1165	1030	863	
G 90.0	83	82	83	86	86	93	110	140	199	368	199	140	110	

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Source Flux	10410 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	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574
G 5.0	10299	10272	10254	10239	10234	10242	10234	10239	10254	10272	10299	10337	10377
G 10.0	9950	9894	9855	9833	9827	9837	9827	9833	9855	9894	9950	10020	10103
G 15.0	9531	9451	9397	9368	9361	9375	9361	9368	9397	9451	9531	9634	9759
G 20.0	9034	8932	8864	8839	8844	8870	8844	8839	8864	8932	9034	9167	9339
G 25.0	8482	8366	8283	8230	8220	8255	8220	8230	8283	8366	8482	8637	8833
G 30.0	7895	7756	7644	7567	7548	7590	7548	7567	7644	7756	7895	8059	8255
G 35.0	7264	7105	6974	6887	6855	6875	6855	6887	6974	7105	7264	7442	7638
G 40.0	6579	6422	6301	6217	6181	6192	6181	6217	6301	6422	6579	6771	7001
G 45.0	5879	5718	5617	5544	5522	5559	5522	5544	5617	5718	5879	6103	6358
G 50.0	4670	4498	4558	4534	4462	4409	4462	4534	4558	4498	4670	5068	5338
G 55.0	2892	2853	3162	3596	3697	3413	3697	3596	3162	2853	2892	3398	4292
G 60.0	2365	2241	2114	2512	2788	2698	2788	2512	2114	2241	2365	2488	3144
G 65.0	1965	1845	1622	1906	2091	2132	2091	1906	1622	1845	1965	1926	2383
G 70.0	1463	1386	1512	1597	1545	1387	1545	1597	1512	1386	1463	1762	2032
G 75.0	1269	1184	1116	1178	1211	1163	1211	1178	1116	1184	1269	1376	1630
G 80.0	1113	1012	935	890	842	782	842	890	935	1012	1113	1235	1388
G 85.0	686	608	607	571	505	431	505	571	607	608	686	863	1030
G 90.0	93	86	86	83	82	83	82	83	86	86	93	110	140

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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	10574	10574	10574	10574	10574	10574	10574	10574	10574	10574
G 5.0	10424	10475	10424	10377	10337	10299	10272	10254	10239	10234
G 10.0	10194	10293	10194	10103	10020	9950	9894	9855	9833	9827
G 15.0	9898	10045	9898	9759	9634	9531	9451	9397	9368	9361
G 20.0	9527	9721	9527	9339	9167	9034	8932	8864	8839	8844
G 25.0	9052	9285	9052	8833	8637	8482	8366	8283	8230	8220
G 30.0	8487	8754	8487	8255	8059	7895	7756	7644	7567	7548
G 35.0	7878	8161	7878	7638	7442	7264	7105	6974	6887	6855
G 40.0	7265	7561	7265	7001	6771	6579	6422	6301	6217	6181
G 45.0	6640	6959	6640	6358	6103	5879	5718	5617	5544	5522
G 50.0	5548	5800	5548	5338	5068	4670	4498	4558	4534	4462
G 55.0	4812	4703	4812	4292	3398	2892	2853	3162	3596	3697
G 60.0	3712	3868	3712	3144	2488	2365	2241	2114	2512	2788
G 65.0	2842	2979	2842	2383	1926	1965	1845	1622	1906	2091
G 70.0	2220	2361	2220	2032	1762	1463	1386	1512	1597	1545
G 75.0	1920	2186	1920	1630	1376	1269	1184	1116	1178	1211
G 80.0	1548	1724	1548	1388	1235	1113	1012	935	890	842
G 85.0	1165	1312	1165	1030	863	686	608	607	571	505
G 90.0	199	368	199	140	110	93	86	86	83	82