

Luminaire

Code 90718L102

Name ROFY 60 SQ L1078W286 GCONTROL+ 840 HO

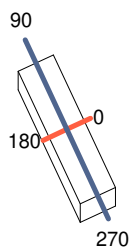
Measurem.

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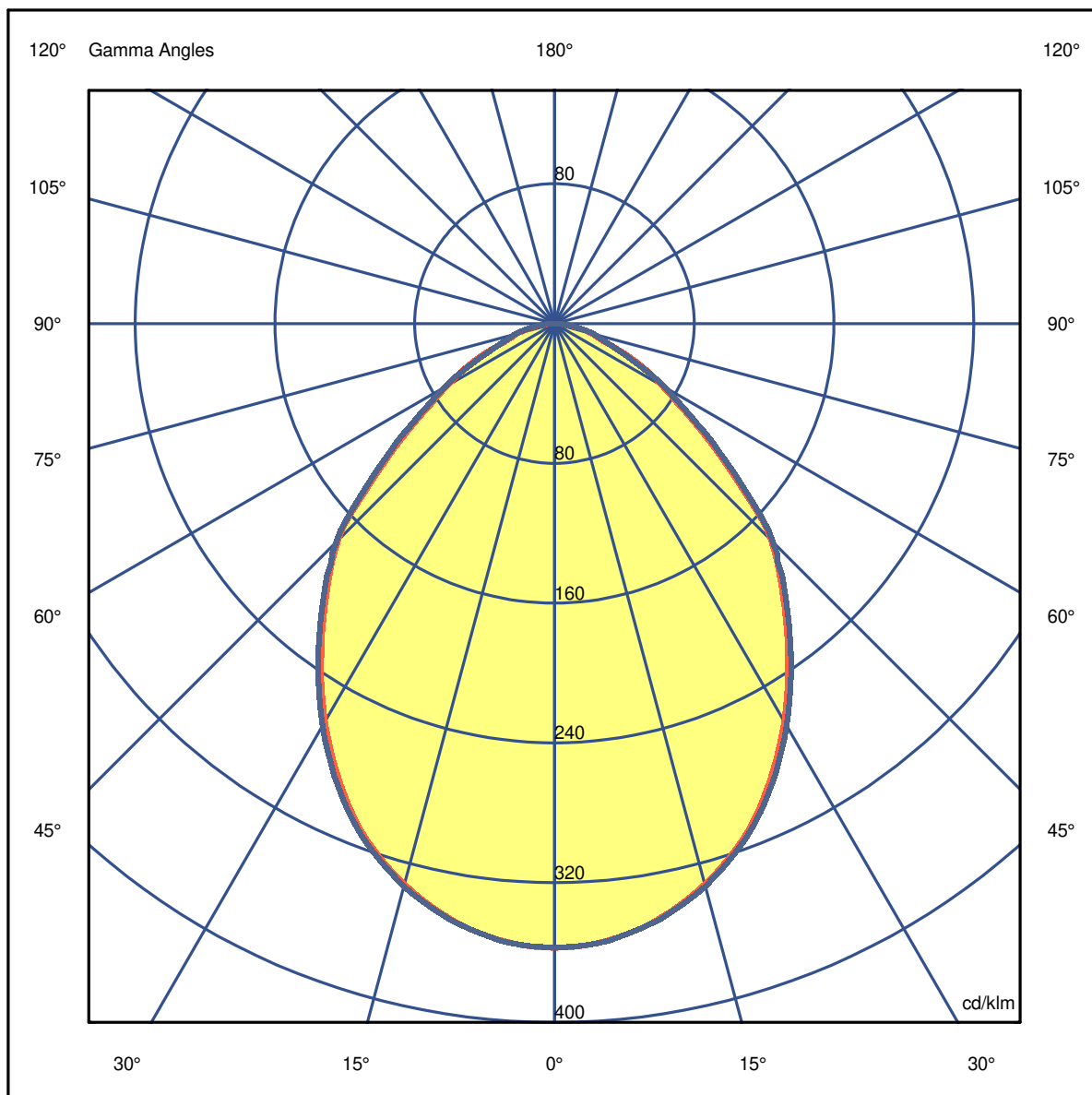
Luminaire Flux	5875 lm	Luminaire Power	45.2 W	Efficacy	129.888 lm/W	Efficiency	70.54%
Source Flux	8328 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1078mm x 286mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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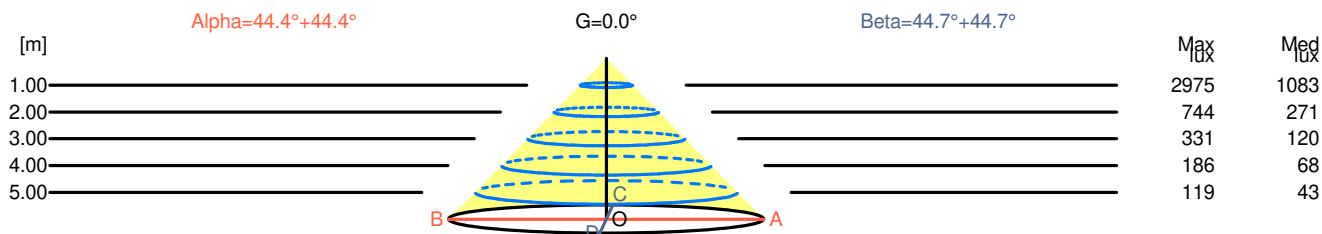
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Source Flux	8328 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	2974.76	2950.61	2765.73	2418.45	1938.76	1459.07	801.99	427.23	185.71	49.14
OB	2974.76	2950.61	2765.73	2418.45	1938.76	1459.07	801.99	427.23	185.71	49.14
OC	2974.76	2952.28	2776.56	2438.44	1965.41	1473.22	828.64	403.08	197.37	55.80
OD	2974.76	2952.28	2776.56	2438.44	1965.41	1473.22	828.64	403.08	197.37	55.80



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0
1.00	1.96	2975	1083		
2.00	3.92	744	271		
3.00	5.88	331	120		
4.00	7.84	186	68		
5.00	9.80	119	43		

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0
1.00	1.98	2975	1083		
2.00	3.96	744	271		
3.00	5.95	331	120		
4.00	7.93	186	68		
5.00	9.91	119	43		

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Luminaire Flux	5875 lm	Luminaire Power	45.2 W	Efficacy	129.888 lm/W	Efficiency	70.54%
Source Flux	8328 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	16.5	17.6	16.7	17.8	18.0	17.1	18.2	17.4	18.4	18.7
x=2H y=3H	17.0	18.0	17.3	18.3	18.5	17.7	18.7	18.0	18.9	19.2
x=2H y=4H	17.2	18.1	17.5	18.4	18.7	17.9	18.9	18.3	19.2	19.4
x=2H y=6H	17.3	18.2	17.6	18.5	18.8	18.1	19.0	18.5	19.3	19.6
x=2H y=8H	17.3	18.1	17.6	18.4	18.8	18.2	19.0	18.5	19.3	19.6
x=2H y=12H	17.3	18.1	17.6	18.4	18.8	18.2	19.0	18.6	19.4	19.7
x=4H y=2H	16.6	17.6	16.9	17.8	18.1	17.2	18.1	17.5	18.4	18.7
x=4H y=3H	17.3	18.1	17.7	18.4	18.8	17.9	18.7	18.3	19.1	19.4
x=4H y=4H	17.6	18.3	17.9	18.6	19.0	18.3	19.0	18.7	19.3	19.7
x=4H y=6H	17.8	18.4	18.2	18.7	19.1	18.6	19.2	19.0	19.6	20.0
x=4H y=8H	17.8	18.4	18.2	18.8	19.2	18.7	19.2	19.1	19.6	20.1
x=4H y=12H	17.8	18.3	18.3	18.8	19.2	18.8	19.3	19.2	19.7	20.1
x=8H y=4H	17.6	18.2	18.1	18.6	19.0	18.3	18.9	18.7	19.3	19.7
x=8H y=6H	17.9	18.4	18.4	18.8	19.3	18.7	19.2	19.2	19.6	20.1
x=8H y=8H	18.0	18.4	18.5	18.9	19.3	18.9	19.3	19.4	19.7	20.2
x=8H y=12H	18.1	18.4	18.6	18.9	19.4	19.0	19.4	19.5	19.8	20.3
x=12H y=4H	17.6	18.1	18.1	18.6	19.0	18.3	18.8	18.8	19.2	19.6
x=12H y=6H	17.9	18.3	18.4	18.8	19.3	18.7	19.1	19.2	19.6	20.0
x=12H y=8H	18.1	18.4	18.5	18.9	19.4	18.9	19.3	19.4	19.7	20.2

Luminaire

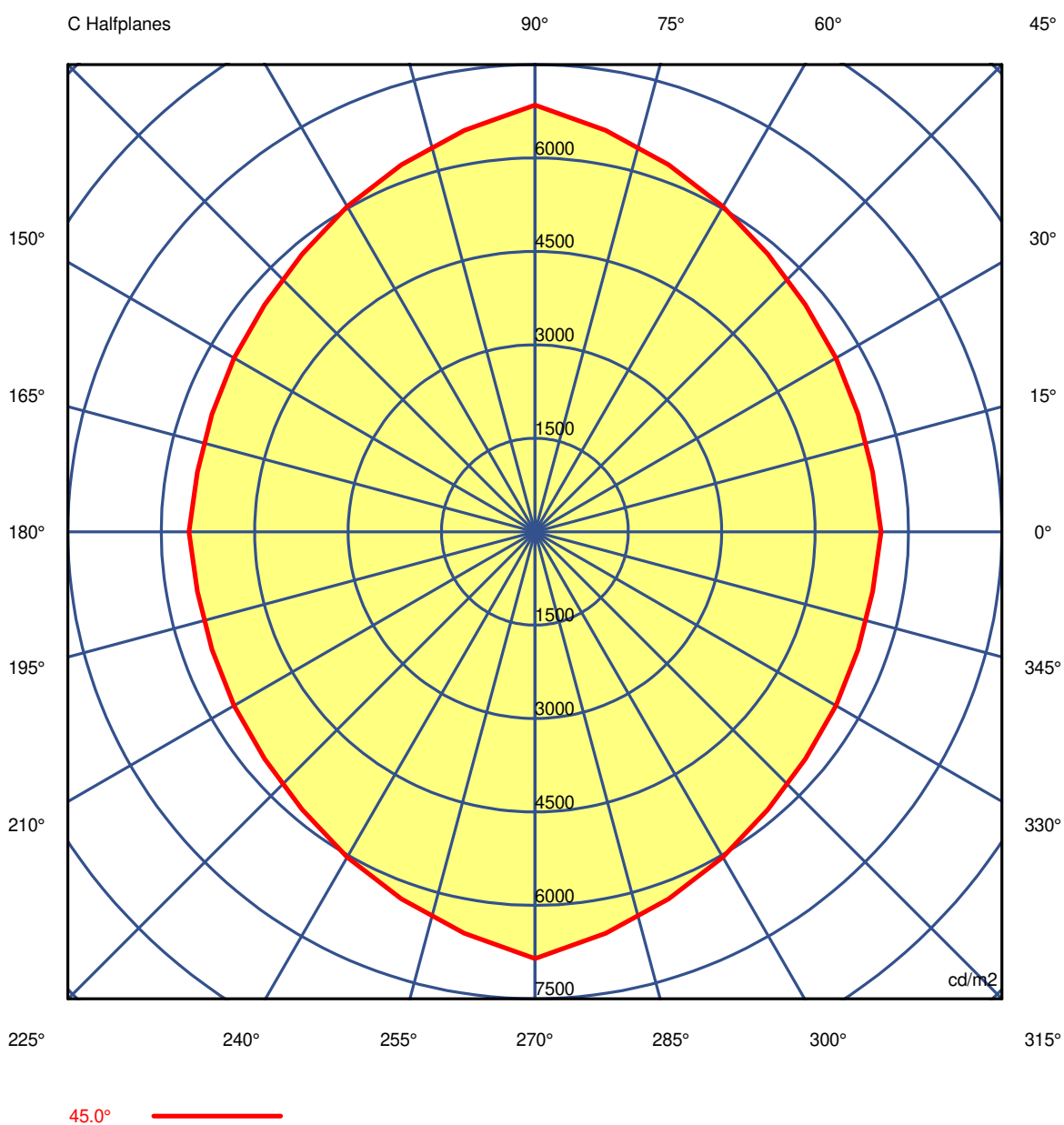
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Luminaire Flux	5875 lm	Luminaire Power	45.2 W	Efficacy	129.888 lm/W	Efficiency	70.54%
Source Flux	8328 lm	Maximum value	357.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90718L102

Name ROFY 60 SQ L1078W286 GCONTROL+ 840 HO

Measurement

Code 9/8/2023

Name ROFY 60 SQ L1078W286 GCONTROL+ 840 HO

Luminaire Flux	5875 lm		Luminaire Power		45.2 W		Efficacy		129.888 lm/W		Efficiency		70.54%	
Source Flux	8328 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	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570	
G 5.0	10238	10227	10230	10243	10259	10285	10320	10360	10405	10457	10405	10360	10320	
G 10.0	9834	9819	9820	9838	9873	9925	9993	10073	10163	10260	10163	10073	9993	
G 15.0	9372	9351	9352	9375	9424	9498	9597	9718	9853	9999	9853	9718	9597	
G 20.0	8866	8832	8820	8837	8899	8993	9121	9287	9471	9662	9471	9287	9121	
G 25.0	8252	8208	8209	8253	8328	8436	8583	8772	8986	9215	8986	8772	8583	
G 30.0	7587	7535	7544	7611	7714	7843	7999	8187	8412	8673	8412	8187	7999	
G 35.0	6872	6842	6863	6939	7059	7209	7377	7564	7796	8071	7796	7564	7377	
G 40.0	6190	6167	6193	6265	6376	6521	6703	6922	7175	7462	7175	6922	6703	
G 45.0	5556	5508	5519	5580	5670	5820	6032	6274	6545	6853	6545	6274	6032	
G 50.0	4408	4449	4511	4525	4456	4616	5000	5258	5456	5697	5456	5258	5000	
G 55.0	3411	3686	3576	3136	2823	2854	3346	4217	4720	4605	4720	4217	3346	
G 60.0	2697	2778	2496	2094	2213	2330	2444	3081	3628	3772	3628	3081	2444	
G 65.0	2131	2082	1892	1605	1819	1931	1887	2327	2766	2891	2766	2327	1887	
G 70.0	1387	1538	1584	1494	1364	1434	1720	1976	2149	2275	2149	1976	1720	
G 75.0	1163	1205	1166	1100	1162	1239	1337	1576	1844	2085	1844	1576	1337	
G 80.0	782	837	880	920	990	1082	1193	1330	1469	1616	1469	1330	1193	
G 85.0	431	501	563	595	592	662	825	972	1081	1186	1081	972	825	
G 90.0	83	81	81	84	83	89	103	128	176	295	176	128	103	

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Source Flux	8328 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	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570	
G 5.0	10285	10259	10243	10230	10227	10238	10227	10230	10243	10259	10285	10320	10360	
G 10.0	9925	9873	9838	9820	9819	9834	9819	9820	9838	9873	9925	9993	10073	
G 15.0	9498	9424	9375	9352	9351	9372	9351	9352	9375	9424	9498	9597	9718	
G 20.0	8993	8899	8837	8820	8832	8866	8832	8820	8837	8899	8993	9121	9287	
G 25.0	8436	8328	8253	8209	8208	8252	8208	8209	8253	8328	8436	8583	8772	
G 30.0	7843	7714	7611	7544	7535	7587	7535	7544	7611	7714	7843	7999	8187	
G 35.0	7209	7059	6939	6863	6842	6872	6842	6863	6939	7059	7209	7377	7564	
G 40.0	6521	6376	6265	6193	6167	6190	6167	6193	6265	6376	6521	6703	6922	
G 45.0	5820	5670	5580	5519	5508	5556	5508	5519	5580	5670	5820	6032	6274	
G 50.0	4616	4456	4525	4511	4449	4408	4449	4511	4525	4456	4616	5000	5258	
G 55.0	2854	2823	3136	3576	3686	3411	3686	3576	3136	2823	2854	3346	4217	
G 60.0	2330	2213	2094	2496	2778	2697	2778	2496	2094	2213	2330	2444	3081	
G 65.0	1931	1819	1605	1892	2082	2131	2082	1892	1605	1819	1931	1887	2327	
G 70.0	1434	1364	1494	1584	1538	1387	1538	1584	1494	1364	1434	1720	1976	
G 75.0	1239	1162	1100	1166	1205	1163	1205	1166	1100	1162	1239	1337	1576	
G 80.0	1082	990	920	880	837	782	837	880	920	990	1082	1193	1330	
G 85.0	662	592	595	563	501	431	501	563	595	592	662	825	972	
G 90.0	89	83	84	81	81	83	81	81	84	83	89	103	128	

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Source Flux	8328 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	10570	10570	10570	10570	10570	10570	10570	10570	10570	10570
G 5.0	10405	10457	10405	10360	10320	10285	10259	10243	10230	10227
G 10.0	10163	10260	10163	10073	9993	9925	9873	9838	9820	9819
G 15.0	9853	9999	9853	9718	9597	9498	9424	9375	9352	9351
G 20.0	9471	9662	9471	9287	9121	8993	8899	8837	8820	8832
G 25.0	8986	9215	8986	8772	8583	8436	8328	8253	8209	8208
G 30.0	8412	8673	8412	8187	7999	7843	7714	7611	7544	7535
G 35.0	7796	8071	7796	7564	7377	7209	7059	6939	6863	6842
G 40.0	7175	7462	7175	6922	6703	6521	6376	6265	6193	6167
G 45.0	6545	6853	6545	6274	6032	5820	5670	5580	5519	5508
G 50.0	5456	5697	5456	5258	5000	4616	4456	4525	4511	4449
G 55.0	4720	4605	4720	4217	3346	2854	2823	3136	3576	3686
G 60.0	3628	3772	3628	3081	2444	2330	2213	2094	2496	2778
G 65.0	2766	2891	2766	2327	1887	1931	1819	1605	1892	2082
G 70.0	2149	2275	2149	1976	1720	1434	1364	1494	1584	1538
G 75.0	1844	2085	1844	1576	1337	1239	1162	1100	1166	1205
G 80.0	1469	1616	1469	1330	1193	1082	990	920	880	837
G 85.0	1081	1186	1081	972	825	662	592	595	563	501
G 90.0	176	295	176	128	103	89	83	84	81	81