

Luminaire

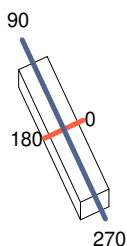
Code 90715L132
Name ROFY 60 SQ D/I L1342W286 GCONTROL+ 830 LO

Measurem.

Code 9/8/2023
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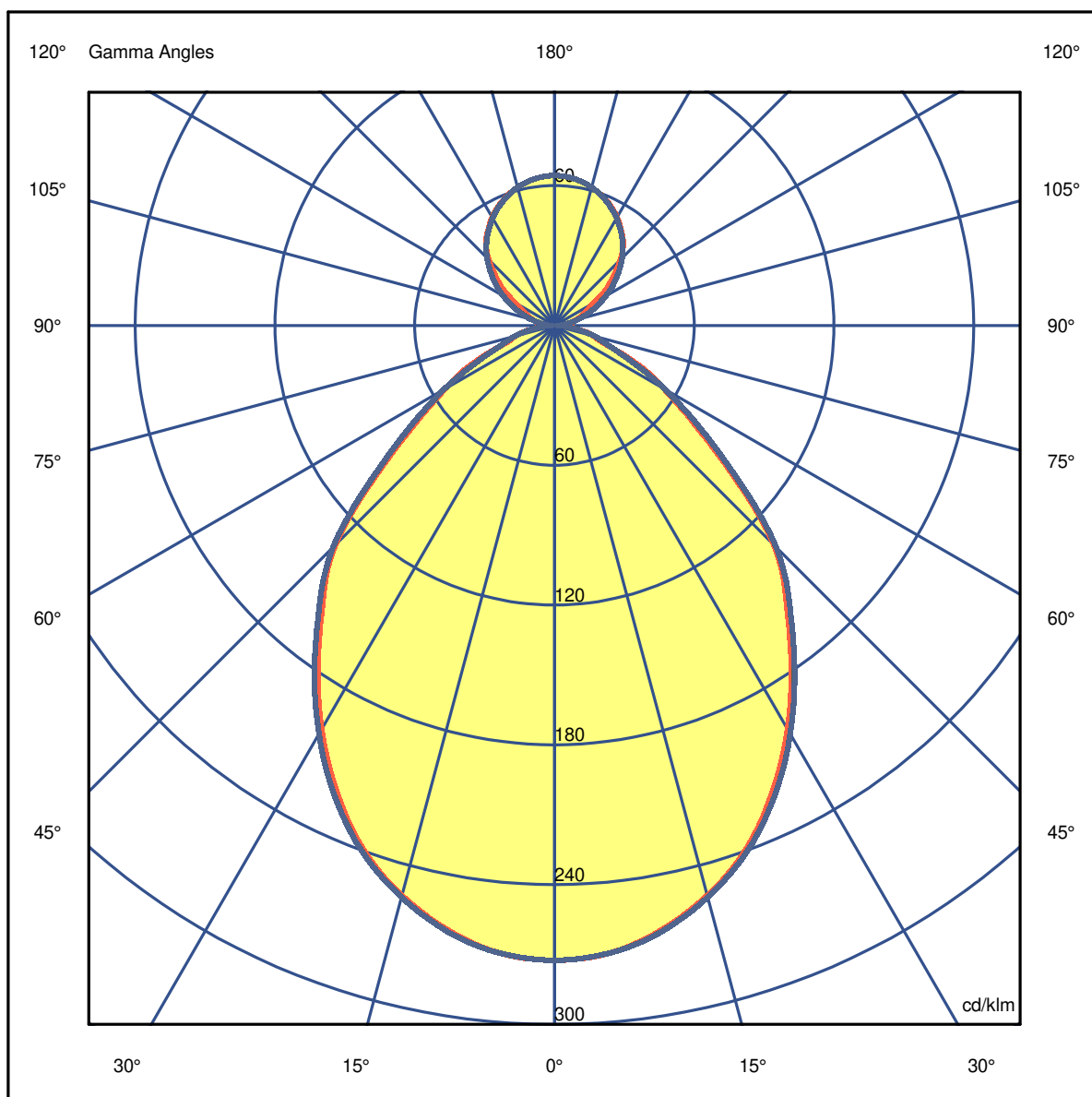
Luminaire Flux	6864 lm	Luminaire Power	54.7 W	Efficacy	125.480 lm/W	Efficiency	70.98%
Source Flux	9670 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1342mm x 286mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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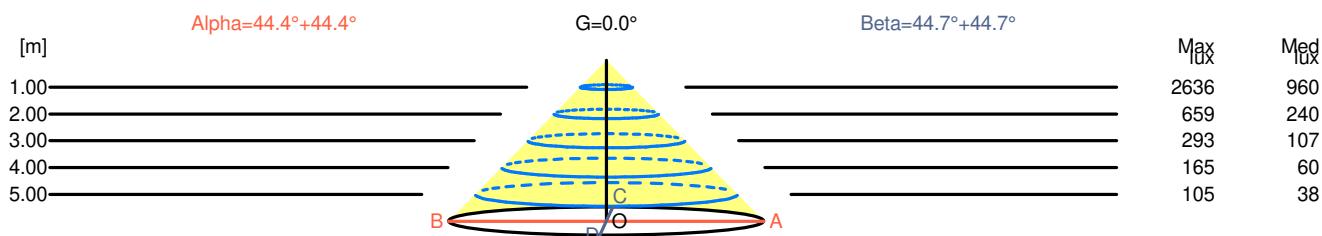
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Luminaire Flux	6864 lm	Luminaire Power	54.7 W	Efficacy	125.480 lm/W	Efficiency	70.98%
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Width at 50.00 % of Max Intensity

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	3.95	4.94
OB	0.98	1.96	2.94	3.92	4.90	OD	0.99	1.98	2.97	3.95	4.94

	0	5	15	25	35	45	55	65	75	85
OA	2636.04	2614.77	2449.41	2138.04	1713.52	1288.04	706.88	379.06	169.22	58.99
OB	2636.04	2614.77	2449.41	2138.04	1713.52	1288.04	706.88	379.06	169.22	58.99
OC	2636.04	2614.77	2456.18	2158.34	1737.70	1301.58	732.02	352.95	174.06	49.32
OD	2636.04	2614.77	2456.18	2158.34	1737.70	1301.58	732.02	352.95	174.06	49.32



H[m]	D[m]	Max lux	Med lux	Alpha=44.4°+44.4°	G=0.0	
1.00	1.96	2636	960			
2.00	3.92	659	240			
3.00	5.88	293	107			
4.00	7.83	165	60			
5.00	9.79	105	38			

H[m]	D[m]	Max lux	Med lux	Beta=44.7°+44.7°	G=0.0	
1.00	1.98	2636	960			
2.00	3.95	659	240			
3.00	5.93	293	107			
4.00	7.91	165	60			
5.00	9.89	105	38			

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Luminaire Flux	6864 lm	Luminaire Power	54.7 W	Efficacy	125.480 lm/W	Efficiency	70.98%
Source Flux	9670 lm	Maximum value	272.60 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	13.7	14.7	14.4	15.2	15.9	14.4	15.3	15.0	15.9	16.6
x=2H y=3H	14.2	15.1	14.9	15.7	16.4	15.0	15.8	15.6	16.4	17.1
x=2H y=4H	14.4	15.2	15.0	15.8	16.5	15.2	15.9	15.8	16.6	17.3
x=2H y=6H	14.5	15.2	15.2	15.8	16.6	15.3	16.0	16.0	16.7	17.5
x=2H y=8H	14.5	15.1	15.2	15.8	16.6	15.4	16.0	16.1	16.7	17.5
x=2H y=12H	14.5	15.1	15.2	15.8	16.6	15.4	16.0	16.1	16.7	17.5
x=4H y=2H	13.8	14.6	14.5	15.2	15.9	14.4	15.2	15.0	15.8	16.5
x=4H y=3H	14.4	15.1	15.1	15.7	16.5	15.1	15.7	15.8	16.4	17.2
x=4H y=4H	14.7	15.2	15.4	15.9	16.7	15.4	16.0	16.1	16.6	17.5
x=4H y=6H	14.8	15.3	15.6	16.0	16.9	15.7	16.1	16.4	16.9	17.7
x=4H y=8H	14.9	15.3	15.6	16.1	16.9	15.7	16.2	16.5	16.9	17.8
x=4H y=12H	14.9	15.3	15.7	16.1	16.9	15.8	16.2	16.6	16.9	17.8
x=8H y=4H	14.7	15.1	15.4	15.8	16.7	15.4	15.8	16.1	16.5	17.4
x=8H y=6H	14.9	15.3	15.7	16.1	17.0	15.7	16.1	16.5	16.8	17.8
x=8H y=8H	15.1	15.4	15.9	16.1	17.1	15.9	16.2	16.7	17.0	17.9
x=8H y=12H	15.1	15.4	15.9	16.2	17.1	16.0	16.3	16.8	17.1	18.0
x=12H y=4H	14.6	15.0	15.4	15.8	16.7	15.3	15.7	16.1	16.5	17.4
x=12H y=6H	15.0	15.3	15.8	16.0	17.0	15.7	16.0	16.5	16.8	17.7
x=12H y=8H	15.1	15.3	15.9	16.1	17.1	15.9	16.2	16.7	16.9	17.9

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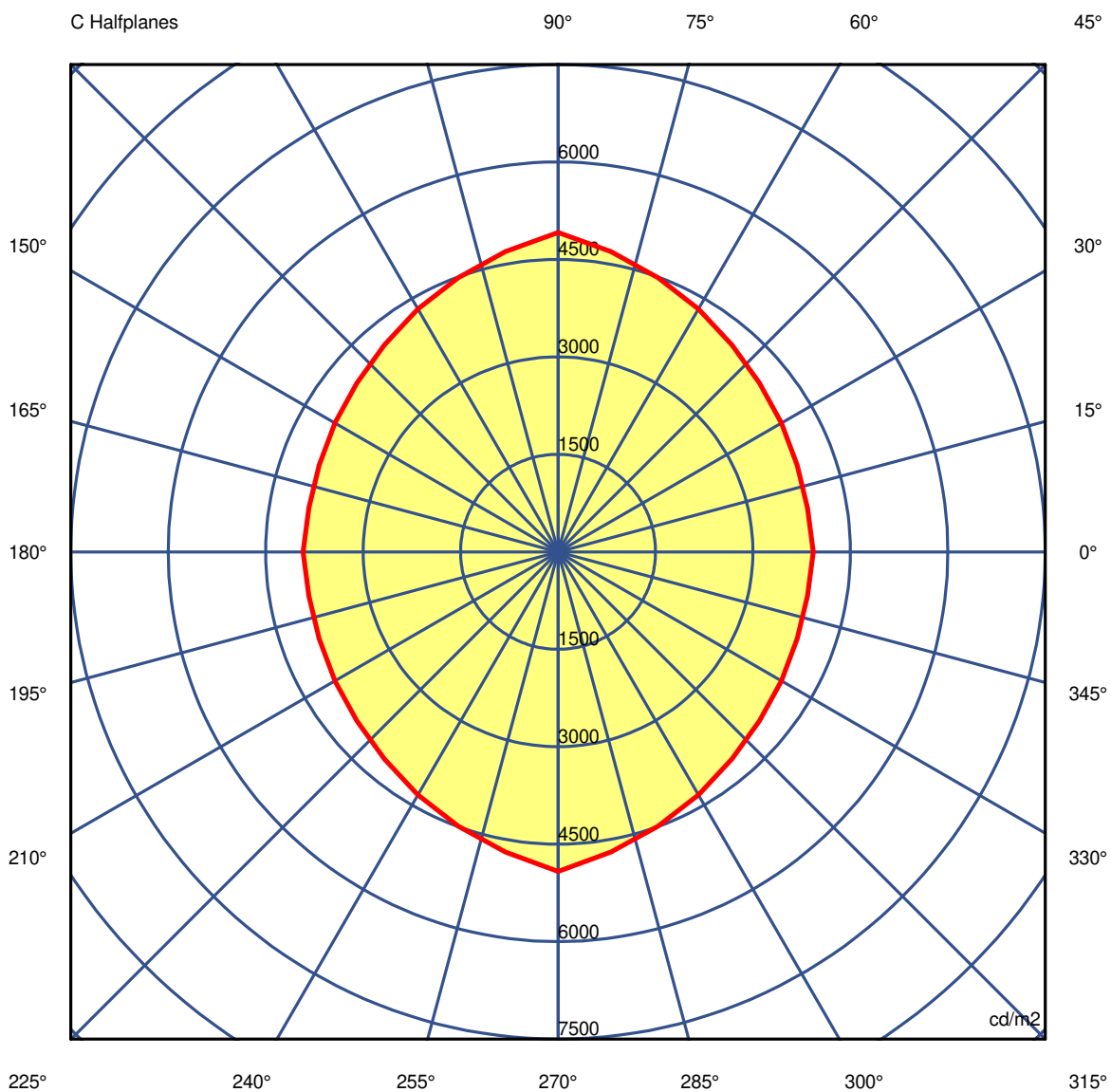
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Luminaire Flux	6864 lm	Luminaire Power	54.7 W	Efficacy	125.480 lm/W	Efficiency	70.98%
Source Flux	9670 lm	Maximum value	272.60 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

Luminaire

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Name ROFY 60 SQ D/I L1342W286 GCONTROL+ 830 LO

Measurement

Code 9/8/2023

Name ROFY 60 SQ D/I L1342W286 GCONTROL+ 830 LO

Luminaire Flux	6864 lm		Luminaire Power		54.7 W		Efficacy		125.480 lm/W		Efficiency		70.98%	
Source Flux	9670 lm		Maximum value		272.60 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	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496	
G 5.0	7261	7255	7258	7268	7278	7297	7326	7357	7389	7422	7389	7357	7326	
G 10.0	6965	6959	6966	6983	7007	7047	7102	7160	7224	7295	7224	7160	7102	
G 15.0	6642	6626	6631	6655	6691	6747	6828	6918	7011	7109	7011	6918	6828	
G 20.0	6281	6255	6253	6274	6317	6391	6496	6616	6745	6883	6745	6616	6496	
G 25.0	5839	5819	5827	5861	5918	6002	6121	6260	6413	6575	6413	6260	6121	
G 30.0	5361	5313	5332	5408	5493	5592	5713	5849	6009	6197	6009	5849	5713	
G 35.0	4861	4847	4877	4943	5025	5134	5268	5404	5571	5773	5571	5404	5268	
G 40.0	4382	4372	4395	4453	4542	4657	4794	4950	5134	5351	5134	4950	4794	
G 45.0	3926	3898	3914	3969	4045	4159	4316	4493	4692	4918	4692	4493	4316	
G 50.0	3107	3150	3207	3221	3159	3283	3584	3770	3906	4081	3906	3770	3584	
G 55.0	2406	2621	2548	2229	2004	2032	2390	3016	3385	3324	3385	3016	2390	
G 60.0	1915	1902	1761	1483	1576	1665	1750	2209	2607	2717	2607	2209	1750	
G 65.0	1513	1481	1349	1143	1288	1381	1371	1681	1988	2087	1988	1681	1371	
G 70.0	989	1103	1134	1066	973	1028	1237	1420	1547	1647	1547	1420	1237	
G 75.0	848	879	844	790	846	907	972	1148	1353	1542	1353	1148	972	
G 80.0	614	655	688	714	749	803	884	982	1089	1218	1089	982	884	
G 85.0	414	462	494	501	497	538	638	747	839	927	839	747	638	
G 90.0	310	293	283	276	273	275	281	291	329	470	329	291	281	

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Source Flux	9670 lm		Maximum value		272.60 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	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496	
G 5.0	7297	7278	7268	7258	7255	7261	7255	7258	7268	7278	7297	7326	7357	
G 10.0	7047	7007	6983	6966	6959	6965	6959	6966	6983	7007	7047	7102	7160	
G 15.0	6747	6691	6655	6631	6626	6642	6626	6631	6655	6691	6747	6828	6918	
G 20.0	6391	6317	6274	6253	6255	6281	6255	6253	6274	6317	6391	6496	6616	
G 25.0	6002	5918	5861	5827	5819	5839	5819	5827	5861	5918	6002	6121	6260	
G 30.0	5592	5493	5408	5332	5313	5361	5313	5332	5408	5493	5592	5713	5849	
G 35.0	5134	5025	4943	4877	4847	4861	4847	4877	4943	5025	5134	5268	5404	
G 40.0	4657	4542	4453	4395	4372	4382	4372	4395	4453	4542	4657	4794	4950	
G 45.0	4159	4045	3969	3914	3898	3926	3898	3914	3969	4045	4159	4316	4493	
G 50.0	3283	3159	3221	3207	3150	3107	3150	3207	3221	3159	3283	3584	3770	
G 55.0	2032	2004	2229	2548	2621	2406	2621	2548	2229	2004	2032	2390	3016	
G 60.0	1665	1576	1483	1761	1902	1915	1902	1761	1483	1576	1665	1750	2209	
G 65.0	1381	1288	1143	1349	1481	1513	1481	1349	1143	1288	1381	1371	1681	
G 70.0	1028	973	1066	1134	1103	989	1103	1134	1066	973	1028	1237	1420	
G 75.0	907	846	790	844	879	848	879	844	790	846	907	972	1148	
G 80.0	803	749	714	688	655	614	655	688	714	749	803	884	982	
G 85.0	538	497	501	494	462	414	462	494	501	497	538	638	747	
G 90.0	275	273	276	283	293	310	293	283	276	273	275	281	291	

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Source Flux	9670 lm	Maximum value	272.60 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	7496	7496	7496	7496	7496	7496	7496	7496	7496	7496
G 5.0	7389	7422	7389	7357	7326	7297	7278	7268	7258	7255
G 10.0	7224	7295	7224	7160	7102	7047	7007	6983	6966	6959
G 15.0	7011	7109	7011	6918	6828	6747	6691	6655	6631	6626
G 20.0	6745	6883	6745	6616	6496	6391	6317	6274	6253	6255
G 25.0	6413	6575	6413	6260	6121	6002	5918	5861	5827	5819
G 30.0	6009	6197	6009	5849	5713	5592	5493	5408	5332	5313
G 35.0	5571	5773	5571	5404	5268	5134	5025	4943	4877	4847
G 40.0	5134	5351	5134	4950	4794	4657	4542	4453	4395	4372
G 45.0	4692	4918	4692	4493	4316	4159	4045	3969	3914	3898
G 50.0	3906	4081	3906	3770	3584	3283	3159	3221	3207	3150
G 55.0	3385	3324	3385	3016	2390	2032	2004	2229	2548	2621
G 60.0	2607	2717	2607	2209	1750	1665	1576	1483	1761	1902
G 65.0	1988	2087	1988	1681	1371	1381	1288	1143	1349	1481
G 70.0	1547	1647	1547	1420	1237	1028	973	1066	1134	1103
G 75.0	1353	1542	1353	1148	972	907	846	790	844	879
G 80.0	1089	1218	1089	982	884	803	749	714	688	655
G 85.0	839	927	839	747	638	538	497	501	494	462
G 90.0	329	470	329	291	281	275	273	276	283	293