

Suspended Luminaire 2 VERSION 1



DESCRIPTION

- This energy efficient suspended luminaire is slim and refined. While only consuming 40W, it delivers up to 4000 lumens in warm white (3000K) or cool white (4000K) color.

APPLICATION

- Adjustable in length, they are ideal for lighting open space areas with high ceilings.

SPECIFICATIONS

Certifications

- cULs
- CE
- RoHS

Finish

- Frosted Lens
- Aluminum

Dimensions

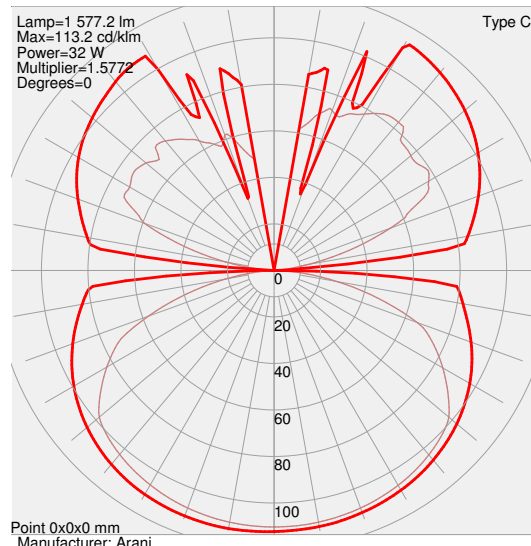
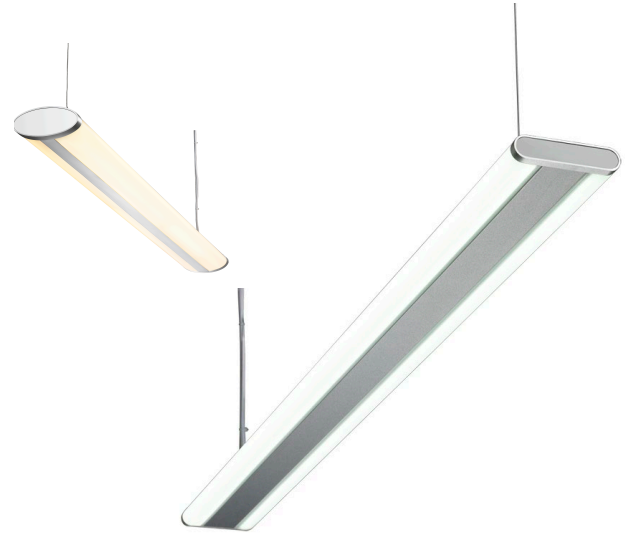
Flat 48.1" X 4.1" X 0.91"
Round 49.1" X 5.9" X 2.6"

Color consistency

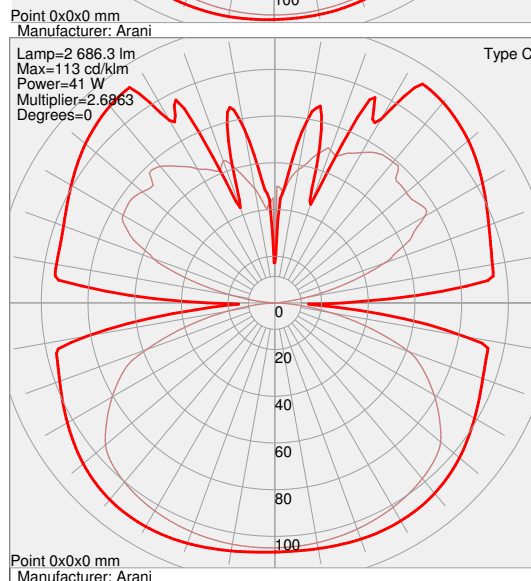
- Excellent color consistency
- No flickering
- Noise free

Operating Temperatures

0°C to 40°C



SU2-F-30K



SU2-R-40K

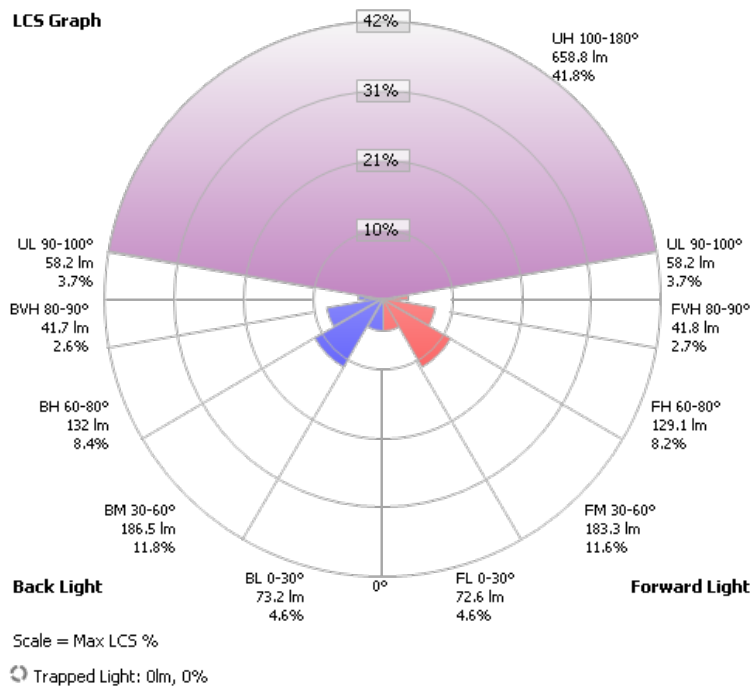
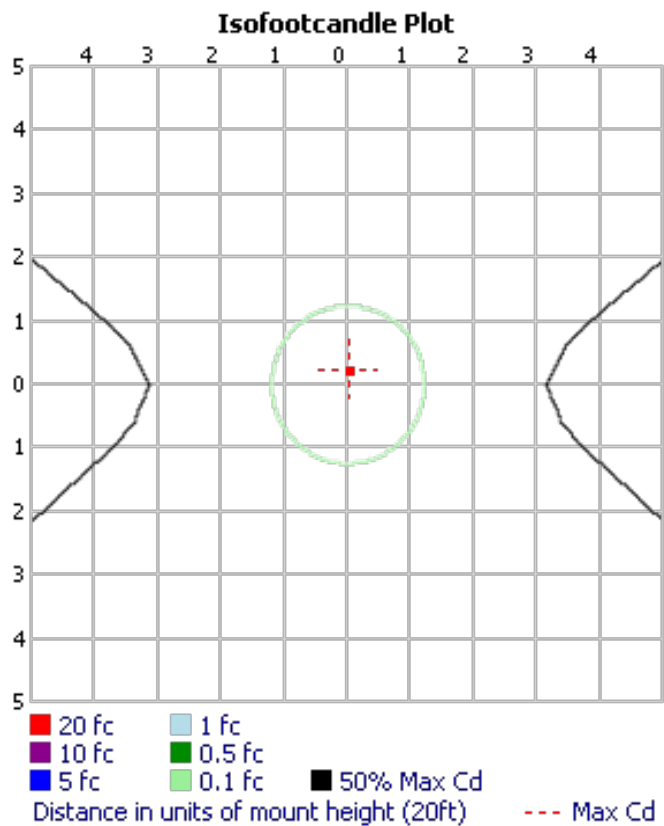
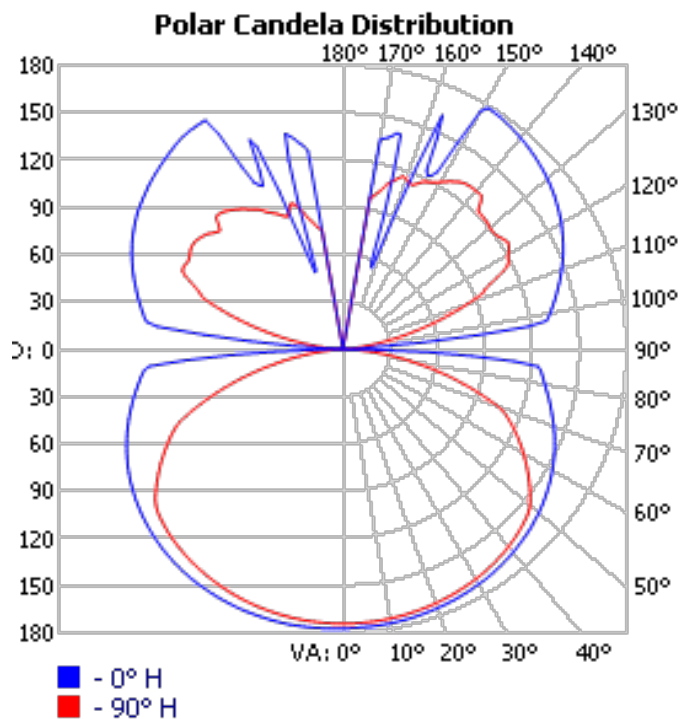


PERFORMANCE

Model Number	Power (Watts)	Equivalent (Watts)	Dimension	Lumens	Weight (KG)	Input Voltage	Beam angle	Color Temp.
SU2-F-30K	40	150	48.1" X 4.1" X 0.91"	4000	2.1	100-240V	120	3000K
SU2-F-40K	40	150	48.1" X 4.1" X 0.91"	4000	2.1	100-240V	120	4000K
SU2-R-30K	40	150	49.1" X 5.9" X 2.6"	4000	2.8	100-240V	120	3000K
SU2-R-40K	40	150	49.1" X 5.9" X 2.6"	4000	2.8	100-240V	120	4000K

- CRI: >83
- IP Rating: IP40
- Power factor: 0.92
- LED Quantity: 144





PHOTOMETRIC REPORT (SU2-F-30K)

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	145.8	9.2%	9.2%
0-40	251.7	16%	16%
0-60	515.5	32.7%	32.7%
60-90	344.7	21.9%	21.9%
70-100	265.2	16.8%	16.8%
90-120	308.5	19.6%	19.6%
0-90	860.2	54.5%	54.5%
90-180	716.9	45.5%	45.5%
0-180	1,577.2	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	16.7	1.1%	90-100	58.2	3.7%
10-20	49.4	3.1%	100-110	117.5	7.4%
20-30	79.7	5.1%	110-120	132.9	8.4%
30-40	105.9	6.7%	120-130	130.6	8.3%
40-50	126.2	8.0%	130-140	111.3	7.1%
50-60	137.7	8.7%	140-150	84.8	5.4%
60-70	137.6	8.7%	150-160	49.8	3.2%
70-80	123.6	7.8%	160-170	31.0	2%
80-90	83.5	5.3%	170-180	0.9	0.1%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION: NONCUTOFF

DISTRIBUTION: UNCLASSIFIED,
UNCLASSIFIED

MAX CD, 90 DEG VERT: 56.9

MAX CD, 80 TO <90 DEG: 132.1

	LUMENS	% LAMP
DOWNWARD STREET SIDE:	426.8	27.1%
DOWNWARD HOUSE SIDE:	433.4	27.5%
DOWNWARD TOTAL:	860.2	54.5%
UPWARD STREET SIDE:	366.4	23.2%
UPWARD HOUSE SIDE:	350.6	22.2%
UPWARD TOTAL:	717.0	45.5%
TOTAL LUMENS:	1,577.2	100%

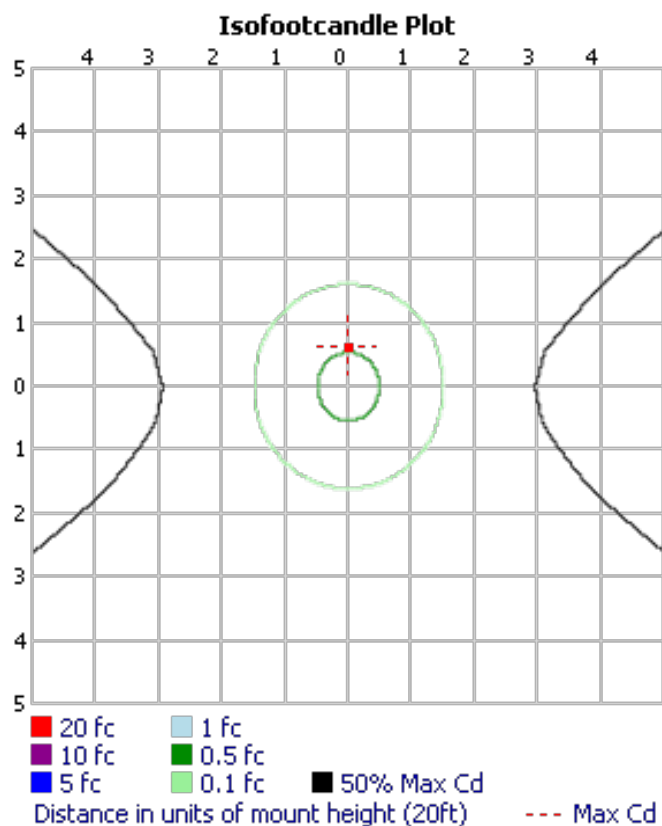
LCS TABLE

BUG RATING	B1 - U4 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	72.6	4.6%
MEDIUM(30-60):	183.3	11.6%
HIGH(60-80):	129.1	8.2%
VERY HIGH(80-90):	41.8	2.7%
BACK LIGHT		
LOW(0-30):	73.2	4.6%
MEDIUM(30-60):	186.5	11.8%
HIGH(60-80):	132.0	8.4%
VERY HIGH(80-90):	41.7	2.6%
UPLIGHT		
LOW(90-100):	58.2	3.7%
HIGH(100-180):	658.8	41.8%
TRAPPED LIGHT:	0	0%



PHOTOMETRIC REPORT (SU2-F-30K)

CANDELA TABLE - TYPE C																				
	0	20	40	60	80	90	110	130	150	170	180	200	220	240	260	280	300	320	340	360
0	177	177	176	176	176	175	174	174	174	174	174	174	174	175	175	176	177	178	177	177
5	177	176	176	175	175	175	174	174	173	174	174	174	174	175	175	176	177	178	177	177
10	176	176	175	175	175	174	174	173	173	173	174	174	174	175	175	176	177	178	178	177
15	176	175	175	174	174	174	173	172	172	173	173	174	174	174	175	176	177	178	178	177
20	175	174	174	173	173	173	172	171	171	171	172	173	173	174	175	176	177	177	177	177
25	174	173	173	172	172	171	171	170	170	170	170	171	172	173	174	175	176	177	176	176
30	172	172	171	170	170	169	169	168	168	168	169	170	170	171	172	174	175	176	175	175
35	170	170	169	169	168	167	167	166	166	166	167	168	168	169	171	172	173	174	174	173
40	168	167	167	166	166	165	164	163	163	163	164	165	166	167	169	170	171	172	172	171
45	165	165	164	163	162	161	161	160	160	160	161	162	163	164	166	167	168	169	169	168
50	162	161	160	159	159	158	157	156	155	155	156	158	159	161	162	164	165	166	166	165
55	158	157	156	155	154	153	152	150	147	144	146	152	154	156	158	160	161	162	161	161
60	153	153	152	150	149	147	146	141	136	132	135	142	148	151	153	154	156	157	157	156
65	148	147	146	144	142	140	137	130	124	120	123	131	140	144	147	149	150	151	151	151
70	142	141	140	138	135	132	127	117	109	103	109	119	130	136	139	142	144	145	145	145
75	136	135	133	130	127	123	116	102	83	73	84	105	118	127	131	135	137	139	139	138
80	130	129	127	123	119	114	104	81	55	44	56	84	106	118	123	127	130	132	132	131
85	124	124	121	117	112	105	90	59	31	18	32	61	92	108	114	120	123	125	123	123
90	2	17	22	10	30	24	57	22	9	1	9	16	16	31	8	23	17	3	11	1
95	50	58	45	62	59	74	53	26	8	4	8	30	59	77	71	54	59	47	59	57
100	133	133	130	126	120	113	93	53	29	24	28	51	92	110	117	122	125	128	129	128
105	140	140	137	134	129	124	111	75	54	52	52	70	110	120	124	129	132	134	135	135
110	147	147	145	142	138	134	127	96	80	84	78	89	120	129	133	136	139	140	142	141
115	154	154	151	149	146	143	138	111	97	108	95	106	128	133	139	142	145	147	148	148
120	160	159	157	156	153	151	147	121	109	121	112	115	135	139	144	148	150	152	153	153
125	165	164	163	161	159	157	154	99	123	123	120	93	146	145	148	152	154	156	157	157
130	169	169	167	166	164	162	159	115	125	121	121	96	151	153	153	156	158	159	161	161
135	172	172	171	169	168	166	113	52	128	122	120	49	106	157	157	159	161	162	164	164
140	175	175	174	172	171	135	147	109	137	131	128	114	127	119	160	162	164	165	167	167
145	177	177	176	175	131	127	53	139	129	129	104	132	49	124	116	163	165	167	169	169
150	174	165	137	121	139	72	105	135	97	122	74	124	110	57	139	112	120	150	157	150
155	125	133	150	126	55	94	137	129	72	117	63	118	130	98	52	109	147	128	125	131
160	62	55	55	71	123	138	135	122	71	115	67	99	124	135	131	79	53	52	52	53
165	141	144	142	138	135	131	124	77	69	108	75	63	102	120	131	136	139	141	142	142
170	135	135	134	128	119	89	63	57	72	98	79	56	53	67	93	114	124	124	128	128
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



PHOTOMETRIC REPORT (SU2-R-30K)

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	239.5	8.9%	8.9%
0-40	416.0	15.5%	15.5%
0-60	857.6	31.9%	31.9%
60-90	548.3	20.4%	20.4%
70-100	465.6	17.3%	17.3%
90-120	578.4	21.5%	21.5%
0-90	1,406.0	52.3%	52.3%
90-180	1,280.2	47.7%	47.7%
0-180	2,686.2	100%	100%

LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	27.1	1.0%	90-100	148.5	5.5%
10-20	80.7	3.0%	100-110	204.6	7.6%
20-30	131.6	4.9%	110-120	225.2	8.4%
30-40	176.5	6.6%	120-130	222.1	8.3%
40-50	211.3	7.9%	130-140	189.3	7%
50-60	230.3	8.6%	140-150	141.3	5.3%
60-70	231.3	8.6%	150-160	85.0	3.2%
70-80	212.4	7.9%	160-170	51.6	1.9%
80-90	104.6	3.9%	170-180	12.5	0.5%

ROADWAY SUMMARY

CUTOFF CLASSIFICATION:	NONCUTOFF	
DISTRIBUTION:	UNCLASSIFIED, UNCLASSIFIED	
MAX CD, 90 DEG VERT:	84.4	
MAX CD, 80 TO <90 DEG:	232.1	
	LUMENS	% LAMP
DOWNWARD STREET SIDE:	695.8	25.9%
DOWNWARD HOUSE SIDE:	710.2	26.4%
DOWNWARD TOTAL:	1,406.0	52.3%
UPWARD STREET SIDE:	644.5	24%
UPWARD HOUSE SIDE:	635.8	23.7%
UPWARD TOTAL:	1,280.3	47.7%
TOTAL LUMENS:	2,686.3	100%

LCS TABLE

BUG RATING	B1 - U5 - G1	
FORWARD LIGHT	LUMENS	LUMENS %
LOW(0-30):	119.1	4.4%
MEDIUM(30-60):	305.5	11.4%
HIGH(60-80):	218.8	8.1%
VERY HIGH(80-90):	52.4	1.9%
BACK LIGHT		
LOW(0-30):	120.4	4.5%
MEDIUM(30-60):	312.7	11.6%
HIGH(60-80):	224.8	8.4%
VERY HIGH(80-90):	52.2	1.9%
UPLIGHT		
LOW(90-100):	148.5	5.5%
HIGH(100-180):	1,131.8	42.1%
TRAPPED LIGHT:	0	0%



PHOTOMETRIC REPORT (SU2-R-30K)

CANDELA TABLE - TYPE C

	0	20	40	60	80	90	110	130	150	170	180	200	220	240	260	280	300	320	340	360
0	287	286	285	285	284	284	282	282	281	282	282	282	282	283	284	285	286	287	287	286
5	286	286	285	284	284	283	282	281	281	281	281	282	282	283	284	286	287	288	288	287
10	287	287	285	284	283	283	281	280	280	280	281	282	282	283	285	287	288	290	290	289
15	288	287	286	285	283	282	280	279	278	279	279	281	282	284	286	288	290	292	292	292
20	289	288	287	285	283	281	279	278	277	277	278	280	281	284	286	289	292	294	294	294
25	290	289	287	285	282	280	277	275	274	274	276	278	280	283	287	290	293	296	296	296
30	289	288	286	284	281	278	275	273	271	272	273	275	278	282	286	290	294	296	297	297
35	288	287	284	281	278	275	272	269	268	268	270	272	276	280	284	289	293	296	297	297
40	286	285	282	278	274	271	268	265	264	264	265	268	272	276	281	287	291	295	295	295
45	282	281	277	273	269	265	262	259	258	258	260	263	267	271	277	283	288	291	292	292
50	277	276	272	267	263	258	255	252	251	249	251	255	260	265	271	277	283	287	288	287
55	271	269	265	260	254	249	245	241	237	231	235	244	251	257	263	270	276	281	282	281
60	265	263	258	251	245	238	234	225	217	211	216	228	239	246	254	262	269	274	276	275
65	259	257	252	243	235	227	220	206	197	190	195	208	224	234	244	254	262	267	269	268
70	254	252	245	236	225	214	203	184	170	164	171	188	207	222	233	245	255	261	263	262
75	251	248	241	230	216	202	184	155	126	115	128	160	189	209	224	238	249	256	259	257
80	221	225	223	226	210	191	164	116	79	66	81	121	168	197	216	232	227	221	218	218
85	97	99	111	120	140	155	132	78	39	25	39	80	133	148	127	115	103	98	92	93
90	79	67	63	47	49	19	14	11	5	1	7	10	16	26	44	62	65	80	78	84
95	221	217	209	193	196	179	131	67	21	8	22	69	140	183	188	208	214	219	223	226
100	254	251	242	230	213	194	157	90	47	38	47	91	161	194	214	230	243	252	255	253
105	257	254	246	235	220	205	177	119	83	84	83	118	180	202	218	233	245	252	256	254
110	262	259	252	242	230	218	201	152	125	135	124	151	201	214	226	239	249	256	259	258
115	268	266	260	251	241	232	222	183	153	171	151	183	221	228	237	246	255	261	264	263
120	276	274	268	261	252	245	238	191	183	199	185	192	237	241	248	255	262	268	270	270
125	283	281	276	270	263	257	251	178	202	200	204	180	250	253	258	264	270	274	278	278
130	291	289	284	278	272	267	234	150	204	197	203	143	230	264	268	272	277	281	285	285
135	296	294	290	286	280	270	213	107	210	198	196	106	219	268	276	280	284	287	290	291
140	301	299	295	291	279	213	185	174	199	212	184	174	172	217	272	285	289	292	295	295
145	304	302	297	258	221	229	113	224	173	209	161	222	109	222	225	255	287	295	299	298
150	244	238	232	247	226	121	171	222	147	200	143	212	176	113	211	248	233	238	242	240
155	258	250	223	165	117	165	225	193	132	189	137	178	220	167	113	155	205	239	247	240
160	121	120	123	148	189	227	217	168	144	187	149	156	200	225	193	150	123	117	117	118
165	207	211	219	230	224	205	172	129	138	175	148	131	156	190	216	227	221	212	212	217
170	212	212	206	189	168	129	108	114	131	156	141	121	110	119	149	174	190	199	203	202
175	136	131	120	96	88	94	101	110	118	130	125	116	107	99	92	90	108	125	130	135
180	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47

SUSPENDED LUMINAIRE 2



PRODUCT IMAGES

