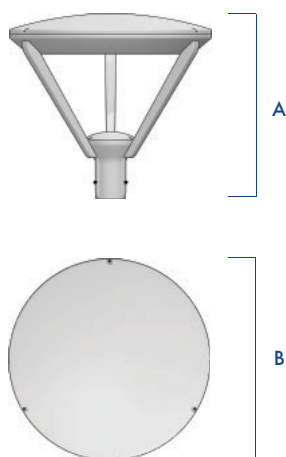




### DIMENSIONS



FIXTURE	A	B
ATR1	22"	24"
ATR2	17"	18"

### LUMINAIRE HOUSING & ARMS

Spun aluminum (alloy 6063;  $\geq .1\%$  Cu) top and optical housing fully gasketed at joint. Three cast aluminum support arms are internally welded to the optical housing and externally to the cast aluminum (alloy A356;  $\geq .2\%$  Cu) tenon hub. Welds between arm and hub are blended to create a smooth appearance. Hub has a removable cap to access primary incoming wiring. The Optical mounting plate is recessed to provide venting of the housing.

### LED EMITTERS & OPTICS

Optical plate of .125" sheet aluminum (alloy 6063;  $\geq -.1\%$  Cu) provides mounting surface for the 4-Squared Optics. Internally, extruded aluminum heatsinks are located behind each optic. Optical plate is recessed to shield the 4-Squared optics providing a U0 uplight rating from the optical system. The 4-Squared emitters have 4 emitters per die with 4 dies per Optic allowing 16 emitters per 4-Squared Optic. Emitters are  $>70\text{CRI}$ .

LumenUs silicone lens material is heat resistant to  $200^{\circ}\text{C}$  and retains 96% optical clarity. Silicone material is flexible making it impact resistant. Each LumenUs silicone lens covers 4 emitter dies and seals each optic to meet an IP67 rating. The optical system produces standard site/area distributions and are field replaceable and rotatable in  $90^{\circ}$  increments.

### DRIVER & ELECTRICAL

Driver(s) are constant current electronic with a minimum operating temperature of  $-40^{\circ}\text{F}/-40^{\circ}\text{C}$ . Driver(s) is/are UL and cUL recognized and have a power factor of  $>.90$ .

Drivers accept an input voltage of 120-277V, 50/60Hz or 347V-480V, 50/60Hz. (0 - 10V dimming is standard). A separate 20KV surge suppressor is installed on the incoming power side of the driver assembly.

### COLOR & FINISH

Super TGIC thermoset polyester powder coat paint, 2.5 mil minimum thickness, is applied over a 5-step pretreatment cleaning and sealing process. Super TGIC powder coat paint is cured at a minimum of  $400^{\circ}\text{F}$  for 30 minutes. Standard colors are Dark Bronze, Black, Green, Gray - ANSI 70, and White.

### CERTIFICATIONS & STANDARDS

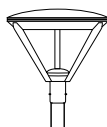
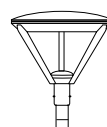
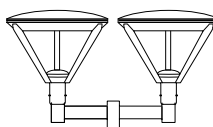
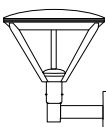
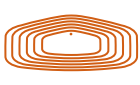



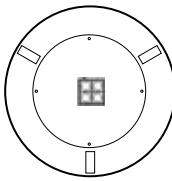
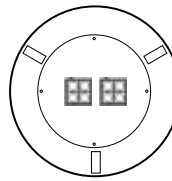
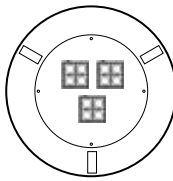
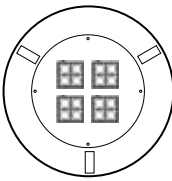




Project Name: \_\_\_\_\_

Type: \_\_\_\_\_

Specification/Order: \_\_\_\_\_

<b>MOUNTING CONFIGURATIONS</b>	 <b>Flush Mount</b> <b>FM</b> ATR1-PT: EPA = 0.9 ATR2-PT: EPA = 0.7 <input type="checkbox"/>	 <b>Tenon Mount</b> <b>PT</b> ATR1-PT: EPA = 0.9 ATR2-PT: EPA = 0.7 <input type="checkbox"/>	 <b>Twin Mount</b> <b>2-180</b> ATR1-PT: EPA = 3.6 ATR2-PT: EPA = 3.2 <input type="checkbox"/>	 <b>Wall Mount</b> <b>WM</b> <input type="checkbox"/>
<b>LUMINAIRE SIZE</b>	<b>ATR1</b> <input type="checkbox"/>	<b>ATR2</b> <input type="checkbox"/>		
<b>DISTRIBUTIONS</b>	 <b>TYPE II</b> <b>T2</b> <input type="checkbox"/>	 <b>TYPE III</b> <b>T3</b> <input type="checkbox"/>	 <b>TYPE IV</b> <b>T4</b> <input type="checkbox"/>	 <b>TYPE V</b> <b>T5S</b> <input type="checkbox"/>
<b>4-SQUARED LED OPTICS</b> 4Q1= 16 LED 4Q2= 32 LED 4Q3= 48 LED 4Q4= 64 LED  <b>DRIVE CURRENT</b> 70 = 700mA 105 = 1050mA	 <b>ATR1; ATR2</b>  <b>4Q1-70</b> <input type="checkbox"/> <b>4Q1-105</b> <input type="checkbox"/>	 <b>ATR1; ATR2</b>  <b>4Q2-70</b> <input type="checkbox"/> <b>4Q2-105</b> <input type="checkbox"/>	 <b>ATR1-AM</b>  <b>4Q3-70</b> <input type="checkbox"/> <b>4Q3-105</b> <input type="checkbox"/>	 <b>ATR1</b>  <b>4Q4-70</b> <input type="checkbox"/> <b>4Q4-105</b> <input type="checkbox"/>
<b>LED COLOR TEMPERATURE</b> 70CRI Standard	<b>3000K CCT</b> Warm White <input type="checkbox"/>	<b>4000K CCT</b> Neutral White <input type="checkbox"/>	<b>5000K CCT</b> Cool White <input type="checkbox"/>	
<b>VOLTAGE</b> Drivers used are voltage sensing	<b>120</b> <input type="checkbox"/>  <b>208</b> <input type="checkbox"/>	<b>240</b> <input type="checkbox"/>  <b>277</b> <input type="checkbox"/>	<b>347</b> <input type="checkbox"/>  <b>480</b> <input type="checkbox"/>	<b>120-277*</b> <input type="checkbox"/>  <b>347-480*</b> <input type="checkbox"/>

(\* 120-277V and 347-480V are voltage and frequency (50-60HZ) sensing)



Project Name: \_\_\_\_\_

Type: \_\_\_\_\_

Specification/Order: \_\_\_\_\_

<p><b>FINISH COLOR</b> Super TGIC Polyester Powder Coat Paint</p>	<p><b>DBZ</b> <input type="checkbox"/> Dark Bronze</p> <p><b>BLK</b> <input type="checkbox"/> Black</p>	<p><b>WHT</b> <input type="checkbox"/> White</p> <p><b>GRN</b> <input type="checkbox"/> Green</p> <p>All RAL colors are available</p>	<p><b>GRY</b> <input type="checkbox"/> Gray - ANSI 70</p> <p><b>CC</b> <input type="checkbox"/> Custom Color - Define</p>
<p><b>OPTION: HOUSE SIDE SHIELDS</b></p>	<p><b>HSS1</b> <input type="checkbox"/></p> <p><b>HSS2</b> <input type="checkbox"/></p>	<p><b>HSS3</b> <input type="checkbox"/></p> <p><b>HSS4</b> <input type="checkbox"/></p>	
<p><b>OPTION: PHOTOCELL</b></p>	<p><b>PC-X</b> Button Style 1 Photocell (X = Specify voltage)</p> <p><input type="checkbox"/></p>	<p><b>PCR7</b> 7-Pin Twistlock Receptacle with Shorting Cap ANSI 136.41</p> <p><input type="checkbox"/></p>	
<p><b>OPTION: FUSING</b></p>	<p><b>SF</b> Single Fusing 120V, 277V, 347V</p> <p><input type="checkbox"/></p>	<p><b>DF</b> Double Fusing 208V, 240V, 480V</p> <p><input type="checkbox"/></p>	
<p><b>OPTION: MOTION SENSOR</b></p>	<p><b>FSP-311</b> Photocell/Motion Sensor Combo (Programmable via Bluetooth)</p> <p><input type="checkbox"/></p>		

CCT	LED Optic	Drive Current	Type II	Type III	Type IV	Type V Square	Watts	Volts	Amps
3000K	4Q1 – 16LED	700mA	3398	3561	3518	3667	35	120	.30
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.13
	4Q2 – 32LED	700mA	6795	7122	7035	7334	70	120	.59
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.26
	4Q3 - 48LED	700mA	10193	10682	10553	11001	105	120	.88
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
	4Q4 - 64LED	700mA	13591	14243	14070	14668	140	120	1.17
	B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.51
	4Q1 – 16LED	1050mA	4621	4843	4784	4987	55	120	.49
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.20
	4Q2 – 32LED	1050mA	9242	9685	9568	9974	110	120	.92
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
4Q3 - 48LED	1050mA	13863	14528	14351	14961	165	120	1.38	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.60	
4Q4 - 64LED	1050mA	18484	19371	19135	19949	220	120	1.84	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.80	
4000K	4Q1 – 16LED	700mA	3606	3779	3733	3891	35	120	.30
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.13
	4Q2 – 32LED	700mA	7211	7557	7465	7783	70	120	.59
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.26
	4Q3 - 48LED	700mA	10817	11336	11198	11674	105	120	.88
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
	4Q4 - 64LED	700mA	14422	15114	14930	15565	140	120	1.17
	B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.51
	4Q1 – 16LED	1050mA	4904	5039	5076	5293	55	120	.49
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.20
	4Q2 – 32LED	1050mA	9807	10278	10152	10584	110	120	.92
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
4Q3 - 48LED	1050mA	14711	15417	15229	15877	165	120	1.38	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.60	
4Q4 - 64LED	1050mA	19615	20889	20306	21169	220	120	1.84	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.80	
5000K	4Q1 – 16LED	700mA	3664	3840	3793	3955	35	120	.30
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.13
	4Q2 – 32LED	700mA	7328	7680	7586	7909	70	120	.59
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.26
	4Q3 - 48LED	700mA	10992	11520	13356	11864	105	120	.88
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
	4Q4 - 64LED	700mA	14656	15360	15172	15818	140	120	1.17
	B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.51
	4Q1 – 16LED	1050mA	4983	5223	5159	5378	55	120	.49
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.20
	4Q2 – 32LED	1050mA	9967	10445	10318	10756	110	120	.92
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
4Q3 - 48LED	1050mA	14950	15667	15477	16134	165	120	1.38	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.60	
4Q4 - 64LED	1050mA	19932	20889	20635	21512	220	120	1.84	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	<b>B3-U0-G3</b>		277	.80	