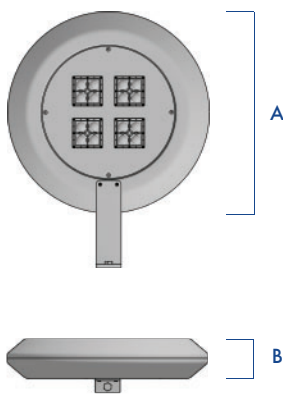




DIMENSIONS



FIXTURE	A	B
ATR1-AM	24"	4.75"
ATR2-AM	18"	4.75"

HOUSING & ARMS

Spun aluminum (alloy 6063; $\geq .1\%$ Cu) top and optical housing fully gasketed at joint. The Optical mounting plate is recessed to provide venting of the housing. Cast aluminum arm (alloy A356; $\geq .2\%$ Cu) secures luminaire to pole. Door on bottom of the arm allows access to mounting bolts which secure to backing plate inside pole and provides for primary wiring.

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 upright 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°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° 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°F for 30 minutes. Standard colors are Dark Bronze, Black, Green, Gray - ANSI 70, and White.

CERTIFICATIONS & STANDARDS










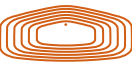



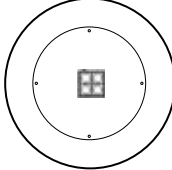
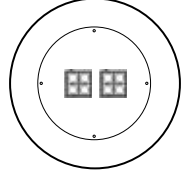
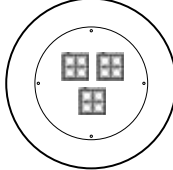
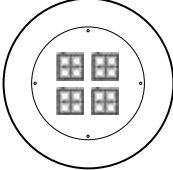




Project Name: _____

Type: _____

Specification/Order: _____

<p>MOUNTING CONFIGURATIONS</p>	<p>1 ATR1-ARM: EPA = 0.5 ATR2-ARM: EPA = 0.4</p> 	<p>2-180 ATR1-ARM: EPA = 1 ATR2-ARM: EPA = 0.8</p> 	<p>3-120 ATR1-ARM: EPA = 1.4 ATR2-ARM: EPA = 1.1</p> 	<p>4-90 ATR1-ARM: EPA = 1.9 ATR2-ARM: EPA = 1.4</p> 
<p>LUMINAIRE SIZE</p>	<p>WM Wall Mount</p> 	<p>2-90 ATR1-ARM: EPA = 0.9 ATR2-ARM: EPA = 0.7</p> 	<p>3-90 ATR1-ARM: EPA = 1.4 ATR2-ARM: EPA = 1.1</p> 	<p>Note: 3-120 mounting requires a round pole or tenon mount option</p>
<p>DISTRIBUTIONS</p>	<p>ATR1-AM</p> 	<p>ATR2-AM</p> 	 <p>TYPE II</p> <p>T2 <input type="checkbox"/></p>	 <p>TYPE III</p> <p>T3 <input type="checkbox"/></p>
<p>4-SQUARED LED OPTICS 4Q1 = 16 LED 4Q2 = 32 LED 4Q3 = 48 LED 4Q4 = 64 LED</p> <p>DRIVE CURRENT 70 = 700mA 105 = 1050mA</p>	 <p>TYPE IV</p> <p>T4 <input type="checkbox"/></p>	 <p>TYPE V</p> <p>T5S <input type="checkbox"/></p>	 <p>ATR1-AM; ATR2-AM</p> <p>4Q1-70 <input type="checkbox"/> 4Q1-105 <input type="checkbox"/></p>	 <p>ATR1-AM; ATR2-AM</p> <p>4Q2-70 <input type="checkbox"/> 4Q2-105 <input type="checkbox"/></p>
<p>LED COLOR TEMPERATURE 70CRI Standard</p>	 <p>ATR1-AM</p> <p>4Q3-70 <input type="checkbox"/> 4Q3-105 <input type="checkbox"/></p>	 <p>ATR1-AM</p> <p>4Q4-70 <input type="checkbox"/> 4Q4-105 <input type="checkbox"/></p>	<p>3000K CCT Warm White</p> <input type="checkbox"/>	<p>4000K CCT Neutral White</p> <input type="checkbox"/>
<p>VOLTAGE Drivers used are voltage sensing</p>	<p>5000K CCT Cool White</p> <input type="checkbox"/>	<p>120 <input type="checkbox"/> 208 <input type="checkbox"/></p>	<p>240 <input type="checkbox"/> 277 <input type="checkbox"/></p>	<p>347 <input type="checkbox"/> 480 <input type="checkbox"/></p>

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

Spec/Order Configuration



Project Name: _____

Type: _____

Specification/Order: _____

<p>FINISH COLOR Super TGIC Polyester Powder Coat Paint</p>	<p>DBZ <input type="checkbox"/> Dark Bronze</p> <p>BLK <input type="checkbox"/> Black</p>	<p>WHT <input type="checkbox"/> White</p> <p>GRN <input type="checkbox"/> Green</p> <p>All RAL colors are available</p>	<p>GRY <input type="checkbox"/> Gray - ANSI 70</p> <p>CC <input type="checkbox"/> Custom Color - Define</p>
<p>OPTION: HOUSE SIDE SHIELDS</p>	<p>HSS1 <input type="checkbox"/></p> <p>HSS2 <input type="checkbox"/></p>	<p>HSS3 <input type="checkbox"/></p> <p>HSS4 <input type="checkbox"/></p>	
<p>OPTION: PHOTOCELL</p>	<p>PC-X Button Style 1 Photocell (X = Specify voltage)</p> <p><input type="checkbox"/></p>	<p>PCR7 7-Pin Twistlock Receptacle with Shorting Cap ANSI 136.41</p> <p><input type="checkbox"/></p>	
<p>OPTION: FUSING</p>	<p>SF Single Fusing 120V, 277V, 347V</p> <p><input type="checkbox"/></p>	<p>DF Double Fusing 208V, 240V, 480V</p> <p><input type="checkbox"/></p>	
<p>OPTION: MOTION SENSOR</p>	<p>FSP-311 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 - 16 LED	700mA	4169 lm	4295 lm	4129 lm	4177 lm	35	120	.30
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.13
	4Q2 - 32 LED	700mA	8338 lm	8591 lm	8257 lm	8353 lm	70	120	.59
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.26
	4Q3 - 48 LED	700mA	12507 lm	12886 lm	12386 lm	12530 lm	105	120	.88
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
	4Q4 - 64 LED	700mA	16676 lm	17181 lm	16514 lm	16706 lm	140	120	1.17
	B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.51
	4Q1 - 16 LED	1050mA	5670 lm	5842 lm	5615 lm	5680 lm	55	120	.49
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.20
	4Q2 - 32 LED	1050mA	11340 lm	11683 lm	11230 lm	11360 lm	110	120	.92
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
4000K	4Q3 - 48 LED	1050mA	17010 lm	17525 lm	16844 lm	17040 lm	165	120	1.38
	B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.60
	4Q4 - 64 LED	1050mA	22680 lm	23367 lm	22459 lm	22721 lm	220	120	1.84
	B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.80
	4Q1 - 16 LED	700mA	4424 lm	4558 lm	4381 lm	4432 lm	35	120	.30
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.13
	4Q2 - 32 LED	700mA	8848 lm	9116 lm	8762 lm	8864 lm	70	120	.59
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.26
	4Q3 - 48 LED	700mA	13272 lm	13674 lm	13143 lm	13296 lm	105	120	.88
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
	4Q4 - 64 LED	700mA	17696 lm	18232 lm	17524 lm	17728 lm	140	120	1.17
	B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.51
4Q1 - 16 LED	1050mA	6017 lm	6199 lm	5958 lm	6028 lm	55	120	.49	
B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.20	
4Q2 - 32 LED	1050mA	12033 lm	12398 lm	11916 lm	12055 lm	110	120	.92	
B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40	
4Q3 - 48 LED	1050mA	18050 lm	18597 lm	17874 lm	18083 lm	165	120	1.38	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.60	
4Q4 - 64 LED	1050mA	24067 lm	24796 lm	23833 lm	24110 lm	220	120	1.84	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.80	
5000K	4Q1 - 16 LED	700mA	4496 lm	4632 lm	4452 lm	4504 lm	35	120	.30
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.13
	4Q2 - 32 LED	700mA	8992 lm	9264 lm	8904 lm	9008 lm	70	120	.59
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.26
	4Q3 - 48 LED	700mA	13487 lm	13896 lm	13356 lm	13512 lm	105	120	.88
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
	4Q4 - 64 LED	700mA	17983 lm	18528 lm	17808 lm	18016 lm	140	120	1.17
	B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.51
	4Q1 - 16 LED	1050mA	6114 lm	6300 lm	6055 lm	6125 lm	55	120	.49
	B-U-G		B1-U0-G1	B1-U0-G1	B1-U0-G1	B1-U0-G1		277	.20
	4Q2 - 32 LED	1050mA	12229 lm	12599 lm	12110 lm	12251 lm	110	120	.92
	B-U-G		B2-U0-G2	B2-U0-G2	B2-U0-G2	B2-U0-G2		277	.40
4Q3 - 48 LED	1050mA	18343 lm	18899 lm	18165 lm	18376 lm	165	120	1.38	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.60	
4Q4 - 64 LED	1050mA	24457 lm	25198 lm	24220 lm	24501 lm	220	120	1.84	
B-U-G		B3-U0-G3	B3-U0-G3	B3-U0-G3	B3-U0-G3		277	.80	