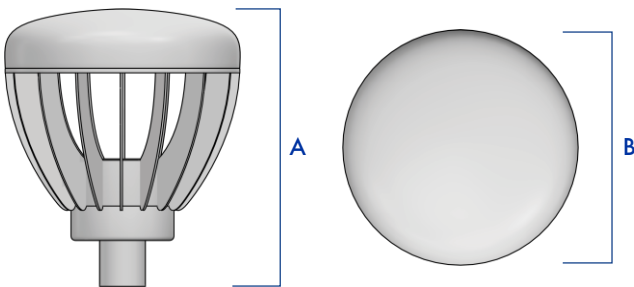




DIMENSIONS



FIXTURE	A	B
GRD	25"	20.5"

LUMINAIRE HOUSING

Main Housing and Electrical Compartment constructed from round cast aluminum alloy (A356; .2% Cu) including Electrical Compartment cover. A barrier wall is cast in place between the optical section and the electrical compartment. All exposed hardware is stainless steel.

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 against uplight providing a U0 B-U-G rating. 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. All hardware is stainless steel.

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





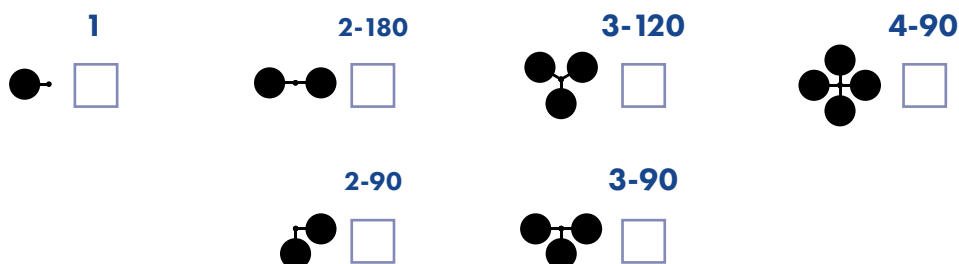
Project Name: _____

Type: _____

Specification/Order: _____

MOUNTING CONFIGURATIONS

Note: E.P.A. values
do not include arm
E.P.A. values



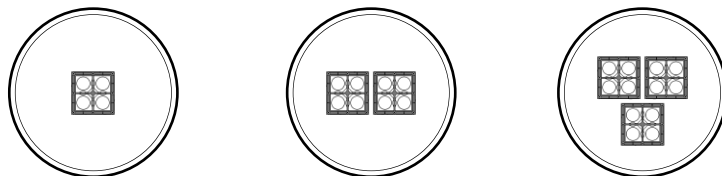
Note: 3-120 mounting requires a round pole or tenon mount option

DISTRIBUTIONS

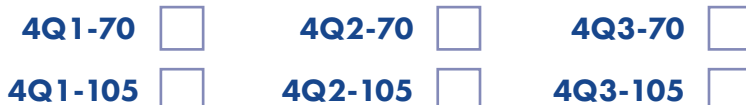


4-SQUARED LED OPTICS

4Q1 = 16 LED
4Q2 = 32 LED
4Q3 = 48 LED
4Q4 = 64 LED



DRIVE CURRENT
70 = 700mA
105 = 1050mA



LED COLOR
TEMPERATURE
70CRI Standard



VOLTAGE

Drivers used are
voltage sensing



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



Project Name: _____

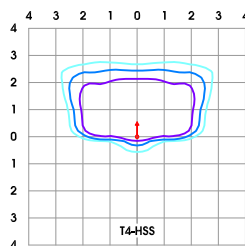
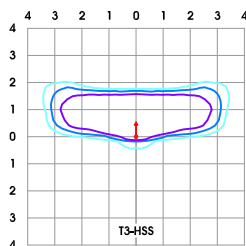
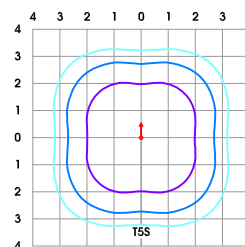
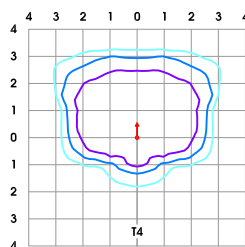
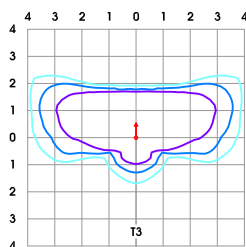
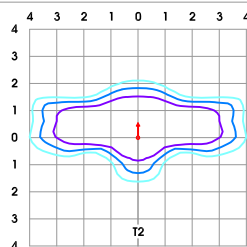
Type: _____

Specification/Order: _____

FINISH COLOR Super TGIC Polyester Powder Coat Paint	DBZ Dark Bronze ☐ BLK Black ☐ All RAL colors are available	WHT White ☐ GRN Green ☐	GRY Gray - ANSI 70 ☐ CC Custom Color - Define ☐
OPTION: HOUSE SIDE SHIELDS	HSS1 ☐	HSS2 ☐	
OPTION: PHOTOCELL	PC-X Button Style 1 Photocell (X = Specify voltage) ☐	PCR7 7-Pin Twistlock Receptacle with Shorting Cap ANSI 136.41 ☐	Use of the PCR7 option requires an accessory mounting component on pole or arm
OPTION: FUSING	SF Single Fusing 120V, 277V, 347V ☐	DF DoubleFusing 208V, 240V, 480V ☐	
OPTION: MOTION SENSOR	FSP-311 Photocell/Motion Sensor Combo (Programmable via Bluetooth) ☐ FSP-311 option mounts to the Optical Plate		
OPTION: MOUNTING	PT23 Ø2.375" Tenon ☐	PT27 Ø2.875" Tenon ☐	PT30 Ø3" Tenon ☐ Contact factory for other options

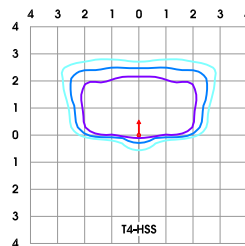
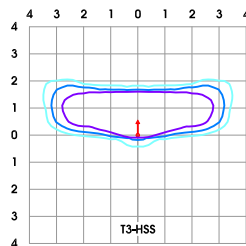
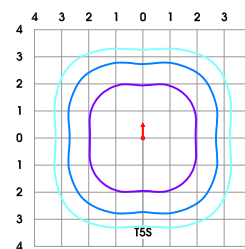
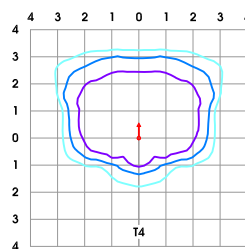
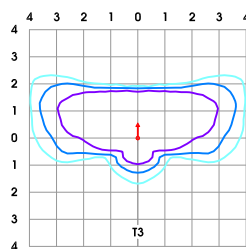
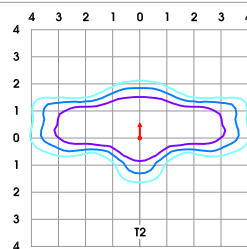
0.25fc
0.5fc
1.0fc

Part Number: ATR2-4Q1-105-4K (55W)
Mounting Height: 12'
Iso-footcandle Plot Units = Mounting Height (12')



0.25fc
0.5fc
1.0fc

Part Number: ATR1-4Q3-70-4K (105W)
Mounting Height: 18'
Iso-footcandle Plot Units = Mounting Height (18')



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
	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
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
	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
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
	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