

RAB[®]

DESIGN

AL2-LED

LED Area Light



The AL-LED fixtures are high efficiency area lights with multiple beam patterns to suit a variety of applications. Intelligently designed, series of fixture provides superior lighting performance and significant energy savings over traditional fixtures.

IDEAL APPLICATIONS

- ✓ Roadways
- ✓ Parking Lots
- ✓ Perimeter Lighting

SPECIFICATIONS

	AL2-LED150	AL2-LED200	AL2-LED250
PERFORMANCE			
Watts	146.8W	192.1W	238.1W
Lumens	18886 lm	23353 lm	27227 lm
Efficacy	128.63lm/W	121.53lm/W	114.35 lm/W
Voltage	120-277V, 347V		
Colour Temp	3000K, 4000K, 5000K		
CRI	71.5	71.7	72
Dimming	0-10V Dimming (5%-100%)		
THD	5.34%	5.29%	5.53%
PF	0.99	0.94	0.99
Beam Distribution	T2,T3,T4,T5		
LED Life (L80)	>72,000 hours		
Surge Protector	4kV (driver surge protection) and 10kV additional surge suppression		
Housing Finish	Bronze, Custom Colours		
Housing Details	Die Cast Aluminum		
Mounting (Sold Separately)	Slip Fitter, Wall mount Bracket, Arm for Round pole, Arm for Square pole		
Operating Temp.	-40°C to +40°C (-40°F to 104°F)		
FACTORY INSTALLED OPTIONS			
Photocontrol			
CERTIFICATIONS			
UL, 5 Year Warranty, Wet Locations, DLC			

Spec Shown are for 5000K, 120V
 Note: 3000K is not DLC listed



ORDERING GUIDE

AL2						DIM	
Fixture	Wattage	Voltage	Colour Temp.	Beam Distribution	Finish	Dimming	Options
	LED150	B - 120-277V*	5K - 5000K*	T2 - Type 2	BRZ - Bronze *	DIM - 0-10V Dimming	PC - Photocell
	LED200	C - 347V	4K - 4000K	T3 - Type 3	CC - Custom Colour		
	LED250		3K - 3000K	T4 - Type 4			
				T5 - Type 5			

*Standard Configuration

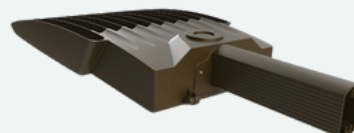
**All Mounting Configurations sold separately

MOUNTING SOLD SEPARATELY

SLIP FITTER MOUNT



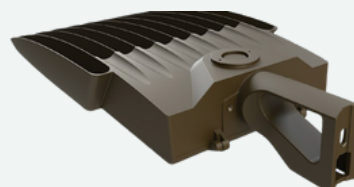
ARM FOR SQUARE POLE



WALL MOUNT BRACKET



ARM FOR ROUND POLE



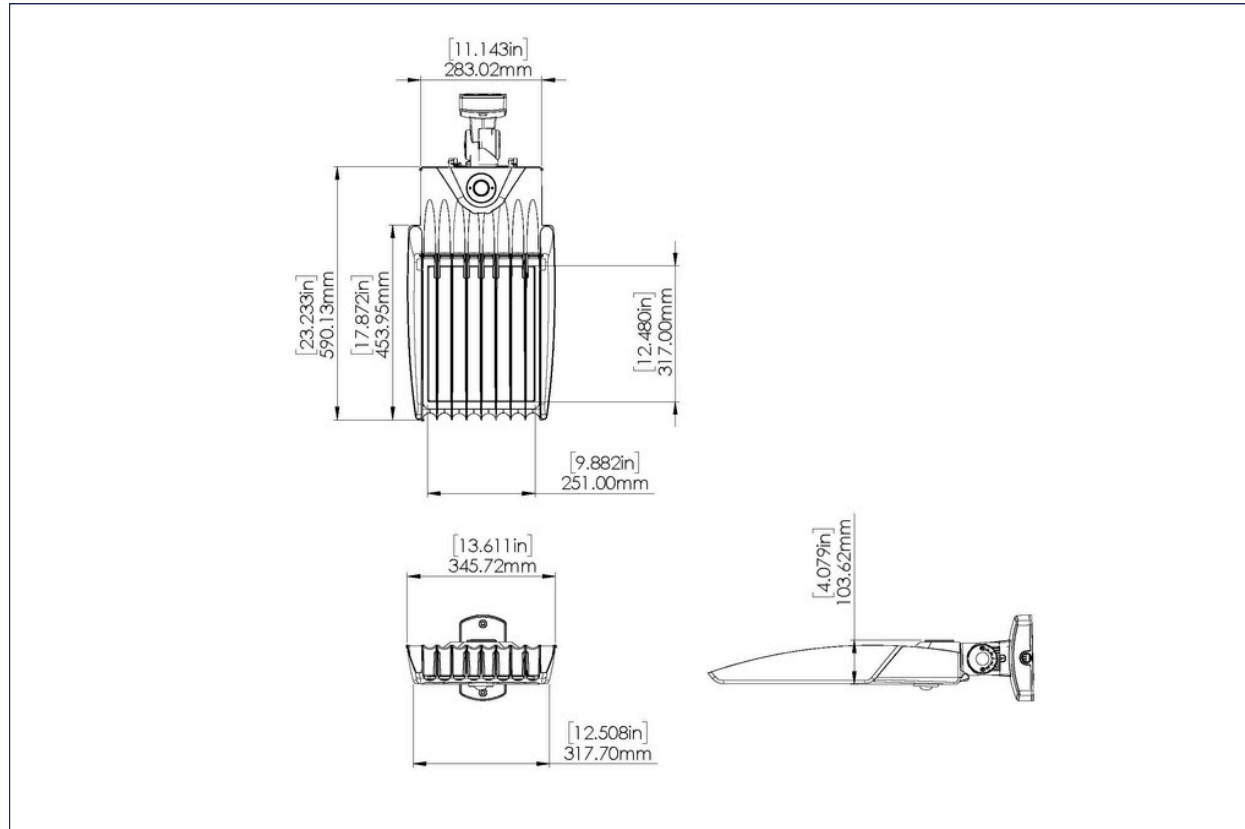
AMPERAGE DRAW & SURGE PROTECTION

CURRENT (A)							INTERNAL SURGE PROTECTION (kV)	
	Watts	120V	208V	240V	277V	347V	120-277V	347V
AL2-LED150	146.8	1.285	0.741	0.642	0.556	0.444	10kV	10kV
AL2-LED200	192.1	1.681	0.970	0.840	0.728	0.581	10kV	10kV
AL2-LED240	238.1	2.083	1.202	1.042	0.903	0.720	10kV	10kV

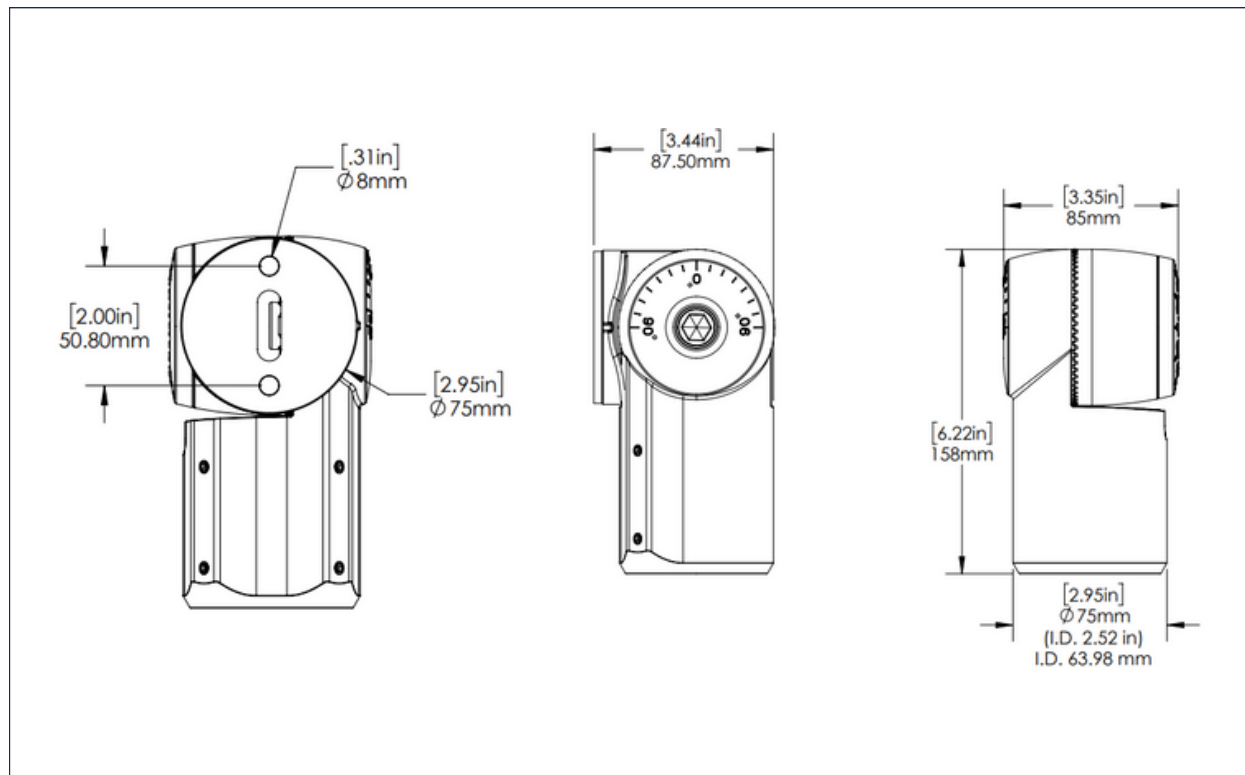
TM-21 ESTIMATED LUMEN MAINTENANCE

	50,000 Hours	75,000 Hours	100,000 Hours
AL2-LED	87.8%	83.0%	78.5%

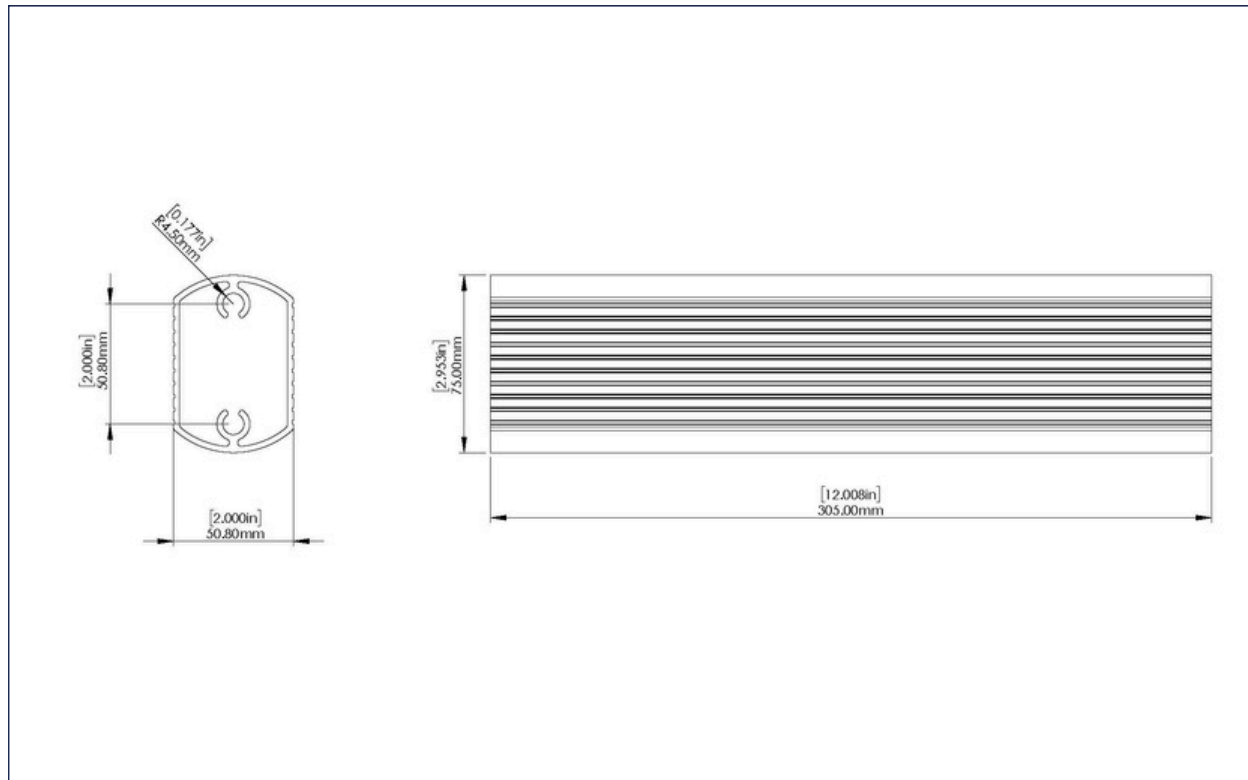
DIMENSIONS



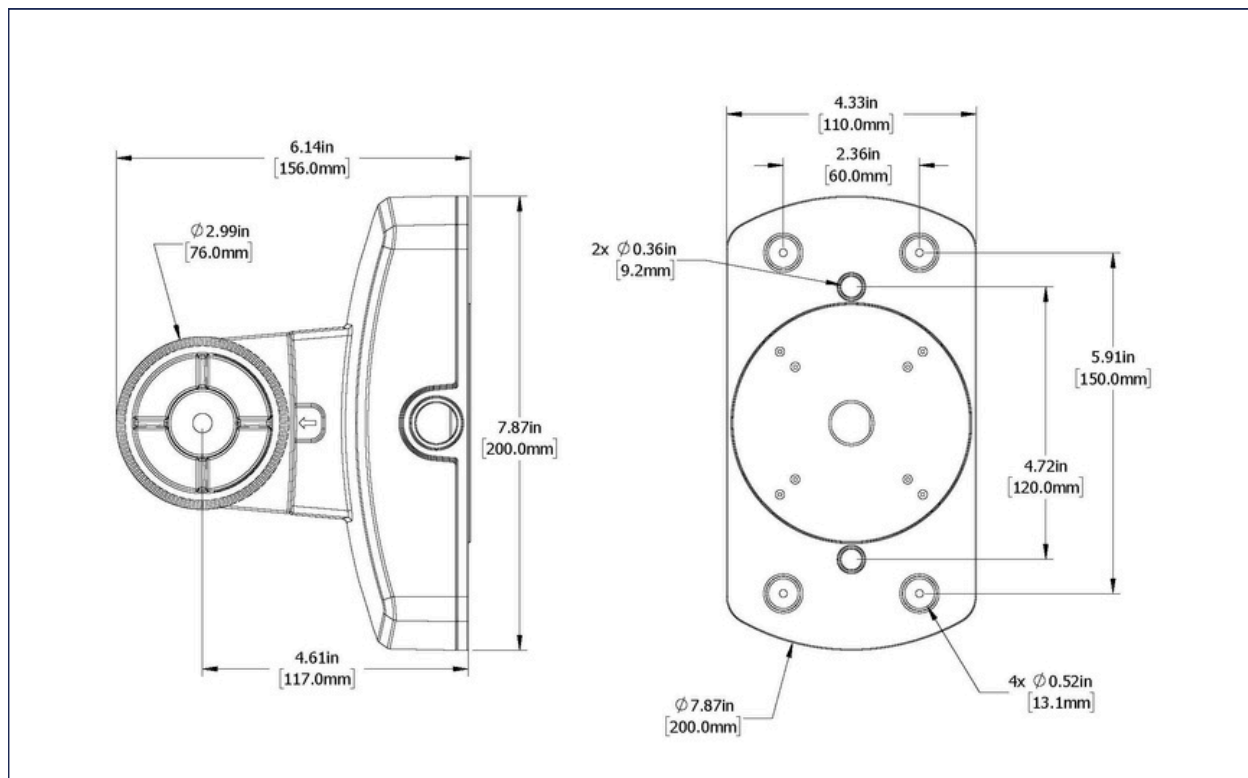
SLIPFITTER MOUNT



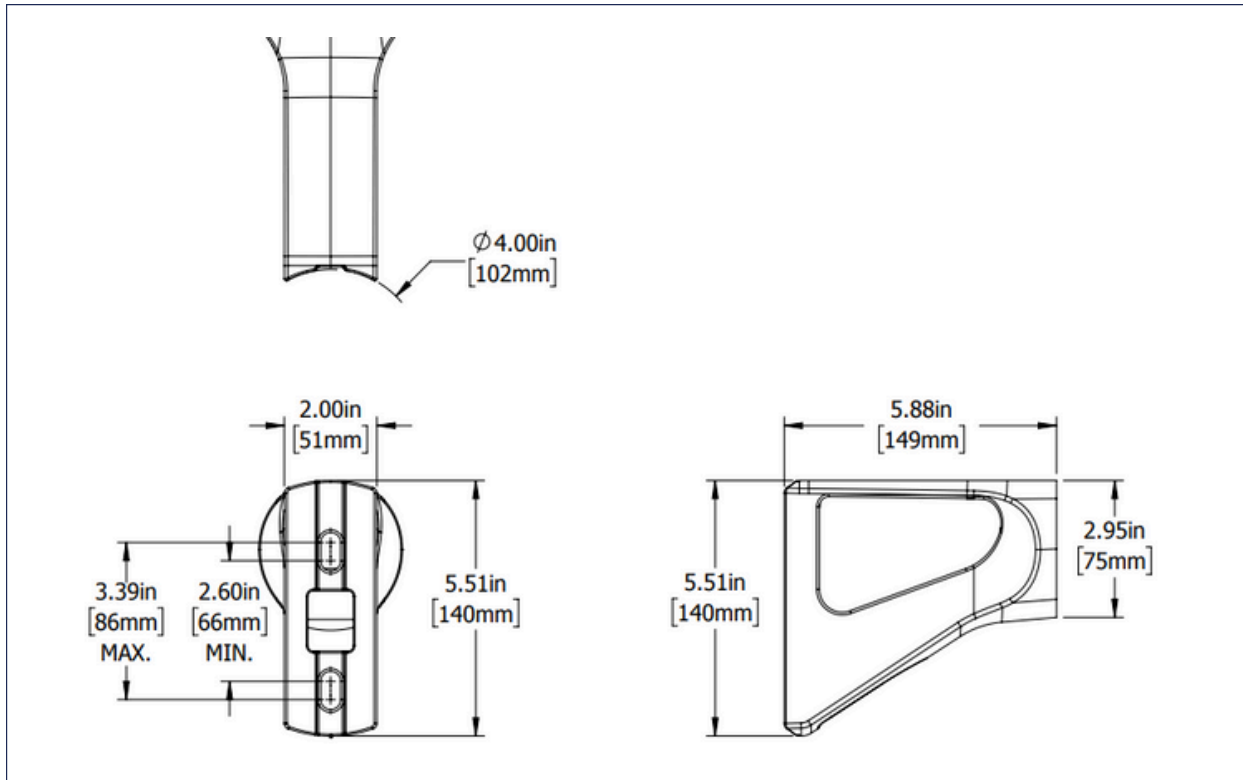
ARM FOR SQUARE POLE



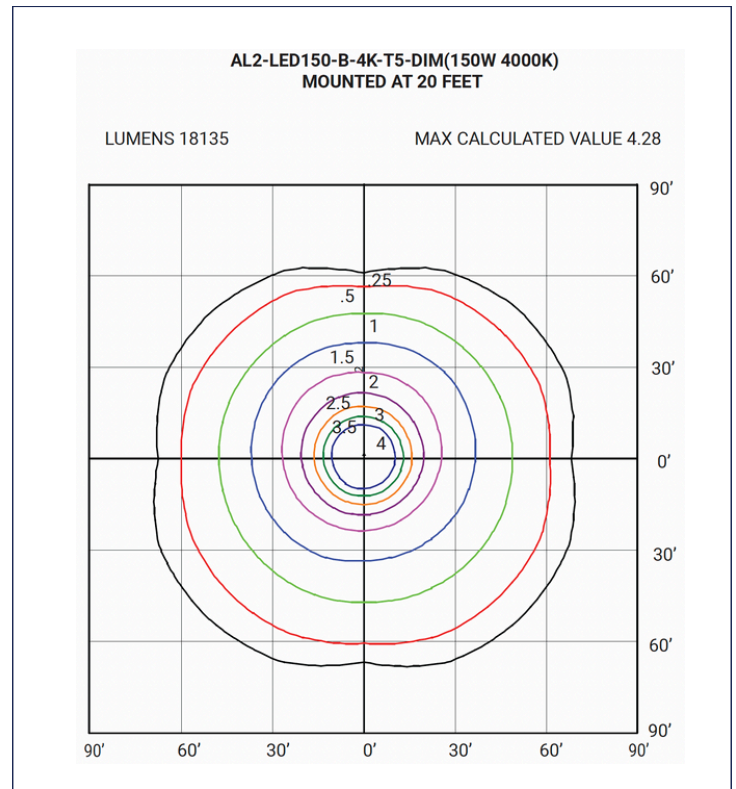
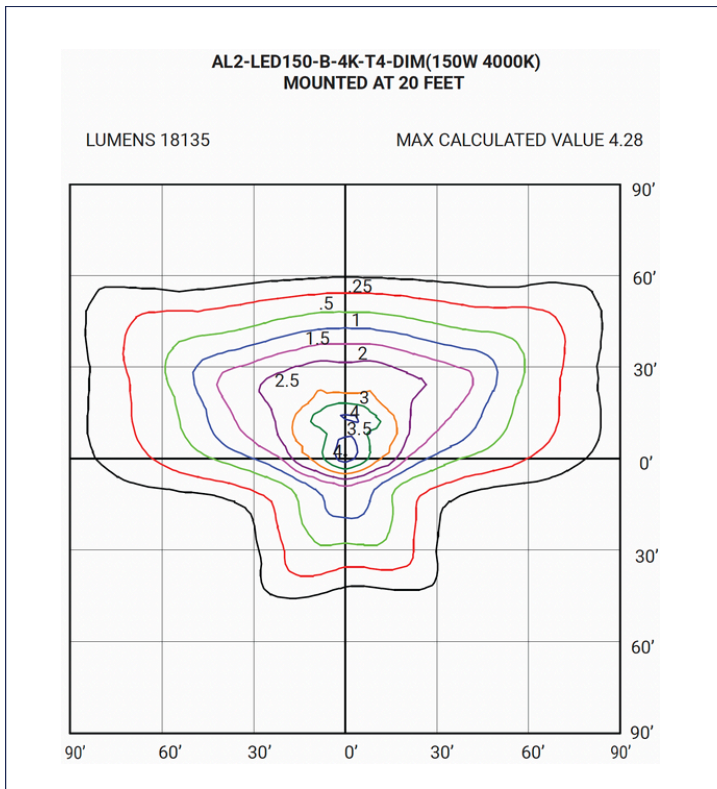
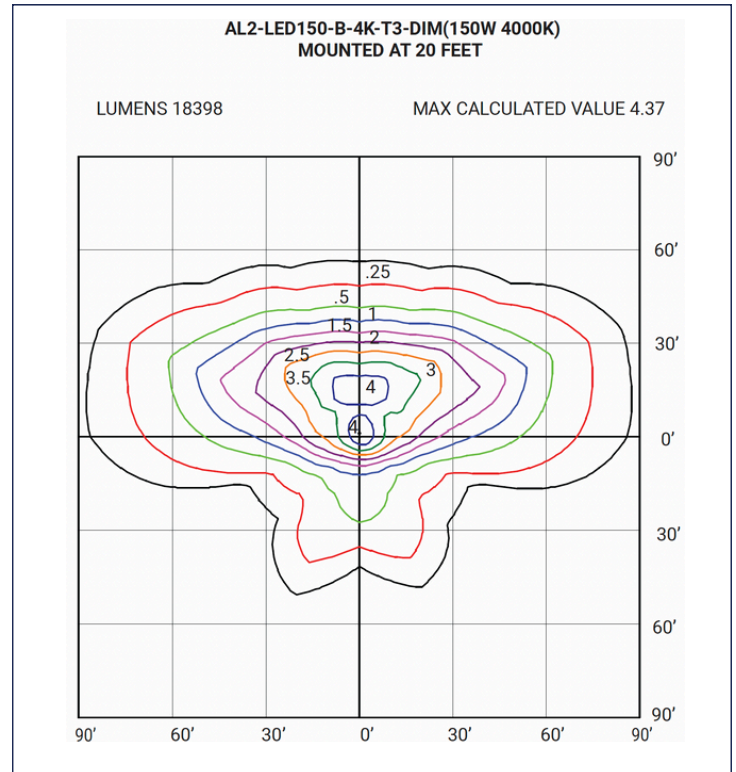
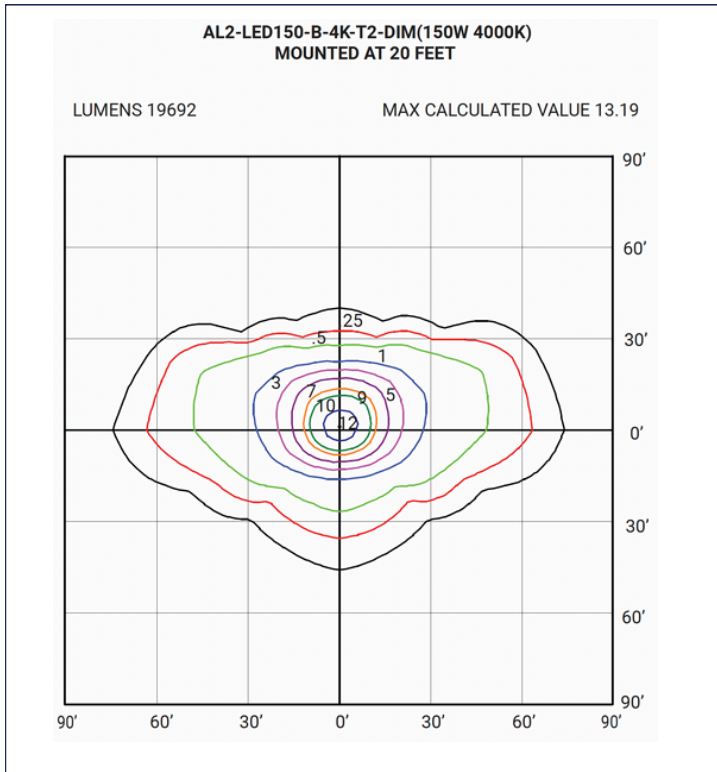
WALL MOUNT BRACKET



ARM FOR ROUND POLE



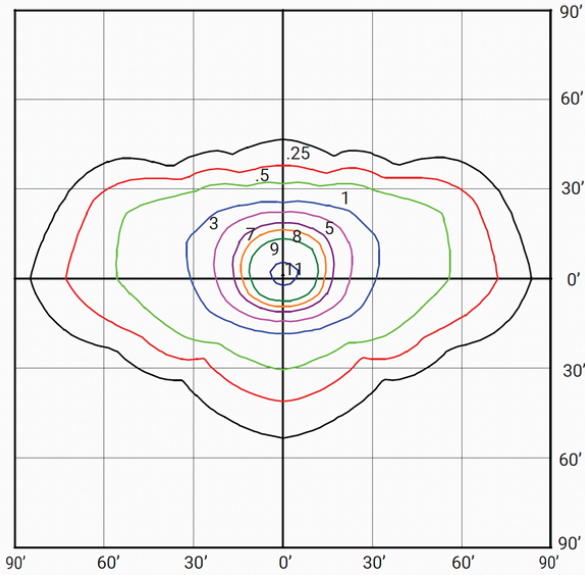
PHOTOMETRIC PLOTS



AL2-LED200-B-4K-T2-DIM(150W 4000K)
MOUNTED AT 24 FEET

LUMENS 24800

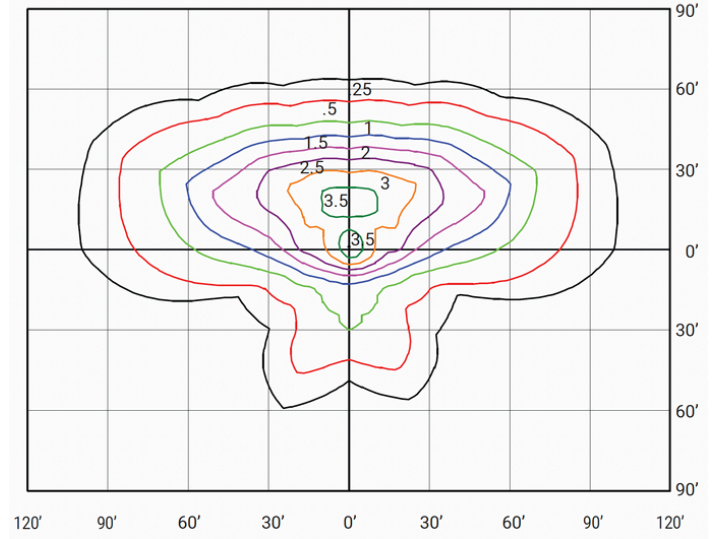
MAX CALCULATED VALUE 11.38



AL2-LED200-B-4K-T3-DIM(200W 4000K)
MOUNTED AT 24 FEET

LUMENS 22938

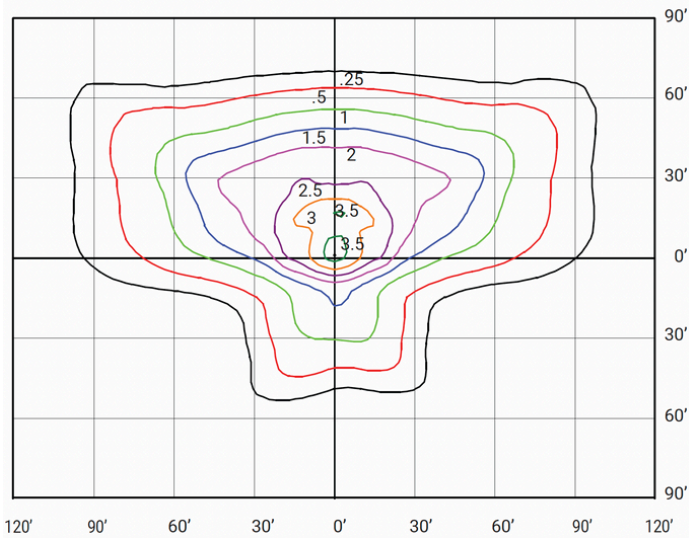
MAX CALCULATED VALUE 3.84



AL2-LED200-B-4K-T4-DIM(200W 4000K)
MOUNTED AT 24 FEET

LUMENS 22768

MAX CALCULATED VALUE 3.69



AL2-LED200-B-4K-T5-DIM(200W 4000K)
MOUNTED AT 24 FEET

LUMENS 24386

MAX CALCULATED VALUE 4.74

