



HIGH OUTPUT FLOOD LIGHT SPORTS, COMMERCIAL, AND SPECIALTY STRIKE-LED



The STRIKE fixture is a **premium floodlight** designed for **superior performance** and **high customisation**. It features advanced lighting controls and contractor-friendly design, ensuring easy installation and maintenance. The fixture offers multiple beam options, various mounting choices, a wattage select switch, and remote driver mounting to suit any application. Additionally, customisation options include finishes, cable lengths, RGB and other colour temperatures. For added versatility, STRIKE can be ordered with a factory-installed control system to manage schedules, create scenes, and more. The STRIKE floodlight combines outstanding performance with tailored options to meet the unique needs of your project.



IDEAL APPLICATIONS

- ✓ Sports Lighting

✓ Stadiums and Arenas
- ✓ Facades

✓ Collegiate Events
- ✓ Shipping Yards

✓ Stage lighting

SPECIFICATIONS

	STRIKE1-LED600A400	STRIKE1-LED800A600	STRIKE1-LED600	STRIKE1-LED800
PERFORMANCE				
Light Output*	96 000 / 80 000 / 64 000 lm	115 000 / 102 000 / 87 000 lm	37 200 lm (RGB)	46 700 lm (RGB)
Efficacy	160 lm/W	145 lm/W	60 lm/W	
CCT	4000K, 5000K, 5700K		RGB	
Beam Distribution	15° (NEMA 3x3) , 20° (NEMA 4x4), 35°(NEMA 4x4), 55° (NEMA 5x5)		20° (NEMA 4x4), 35°(NEMA 4x4), 55° (NEMA 5x5)	
BUG Rating	B5-U0-G2	B5-U0-G3	B5-U0-G2	B5-U0-G3
LED Life time (L80)	>100 000 hours		N/A	
CRI	> 70			
Replaces Up to	1000W MH	1200W MH		
ELECTRICAL				
Wattage	600 / 500 / 400W	800 / 700 / 600W	600W	800W
Voltage	120-277V, 347V			
Power Factor	>0.99		>0.95	
THD	<10%			
Dimming	0-10 V (10-100% Dimming, Dim to off)		DMX 512 (Digital Multiplex)	
Surge Protection	10kV Internal (with driver), 10kV External (added to every fixture). Optional 20kV Surge Protection			
Cable	Input power + Dimming: 10ft (3m) Cable (SOOW 5x18 AWG, 90°C) Custom cable lengths available (STW 5x18 AWG, 105°C)		Input power: 10ft (3m) Cable (SOOW 3x18 AWG, 90°C) DMX Input/ DMX Output: 10ft (3m) Cable with Connector (SJOW 3x18 AWG, 105°C)	
CONSTRUCTION			FACTORY INSTALLED	
Housing	Die cast aluminum		Standard	Zhaga 10 Receptacle
Lens	Polycarbonate		Optional	Smart Bluetooth Controls (using CONTROLLED mobile app) Louvre (For glare control)
Finish	Grey		OPTIONS SOLD SEPARATELY	
Paint Specification	Corrosion-resistant polyester powder coating (1000hr salt spray tested)		Laser Pointer (for aiming the fixture) Visor (for light spill control)	
Mounting	Yoke Mount, Slip Fitter, Knuckle Mount		AMBIENT OPERATING TEMPERATURE	
			-40°C to 45°C (-40°F to 113°F)	

CERTIFICATIONS

UL certified as per UL 1598 & CSA 22.2 No. 250.0, IK07, IP66, 3G Vibration Tested, NEMA 4X Certified, DLC Premium**

*Note: Reported performance values were tested at 120V and 4000K at 35° for the highest wattage setting. **RGB models are not DLC listed.



ORDERING GUIDE

STRIKE1					GRY		
Fixture	Wattage	Voltage	Colour Temp.	Optics	Finish	Dimming	Controls
STRIKE1	LED600A400	B - 120-277V*	4K - 4000K	15DEG - 15 degrees ^b	GRY - Grey*	DIM - 0-10V dimming*	Blank - None*
	LED800A600	C - 347V	5K - 5000K	20DEG - 20 degrees			BC - Bluetooth CONTROLLED ^b
			5.7K - 5700K ^a	35DEG - 35 degrees			
				55DEG - 55 degrees			
	LED600		RGB - Red Green Blue			DMX - Digital Multiplex dimming	
	LED800						

--	--	--

Mounting	Louvre	Surge Protection
YK - Yoke*	Blank - None*	SP10 - 10kV Surge Protection*
KN - Knuckle	LV - Louvre	
SF - Slip Fitter		SP20 - 20kV Surge Protection ^c

* Standard Configuration

^a Please reach out to RAB's CS team for Special Requests including:

- 5700K and any custom CCT
- Custom colour finish
- Custom cable length

^b Available in non-RGB models only

^c SP20 available for 120-277V only

STOCK CODE	DESCRIPTION	STOCK CODE	DESCRIPTION
087065	STRIKE1-LED600A400-B-4K-15DEG-GRY-DIM-YK-SP10	087053	STRIKE1-LED800A600-B-4K-15DEG-GRY-DIM-YK-SP10
087043	STRIKE1-LED600A400-B-4K-20DEG-GRY-DIM-YK-SP10	087054	STRIKE1-LED800A600-B-4K-20DEG-GRY-DIM-YK-SP10
087044	STRIKE1-LED600A400-B-4K-35DEG-GRY-DIM-YK-SP10	087055	STRIKE1-LED800A600-B-4K-35DEG-GRY-DIM-YK-SP10
087045	STRIKE1-LED600A400-B-4K-55DEG-GRY-DIM-YK-SP10	087056	STRIKE1-LED800A600-B-4K-55DEG-GRY-DIM-YK-SP10
087074	STRIKE1-LED600A400-B-5K-15DEG-GRY-DIM-YK-SP10	087057	STRIKE1-LED800A600-B-5K-15DEG-GRY-DIM-YK-SP10
087046	STRIKE1-LED600A400-B-5K-20DEG-GRY-DIM-YK-SP10	087058	STRIKE1-LED800A600-B-5K-20DEG-GRY-DIM-YK-SP10
087047	STRIKE1-LED600A400-B-5K-35DEG-GRY-DIM-YK-SP10	087059	STRIKE1-LED800A600-B-5K-35DEG-GRY-DIM-YK-SP10
087048	STRIKE1-LED600A400-B-5K-55DEG-GRY-DIM-YK-SP10	087060	STRIKE1-LED800A600-B-5K-55DEG-GRY-DIM-YK-SP10

Please refer to the ordering guide above for full ordering options.

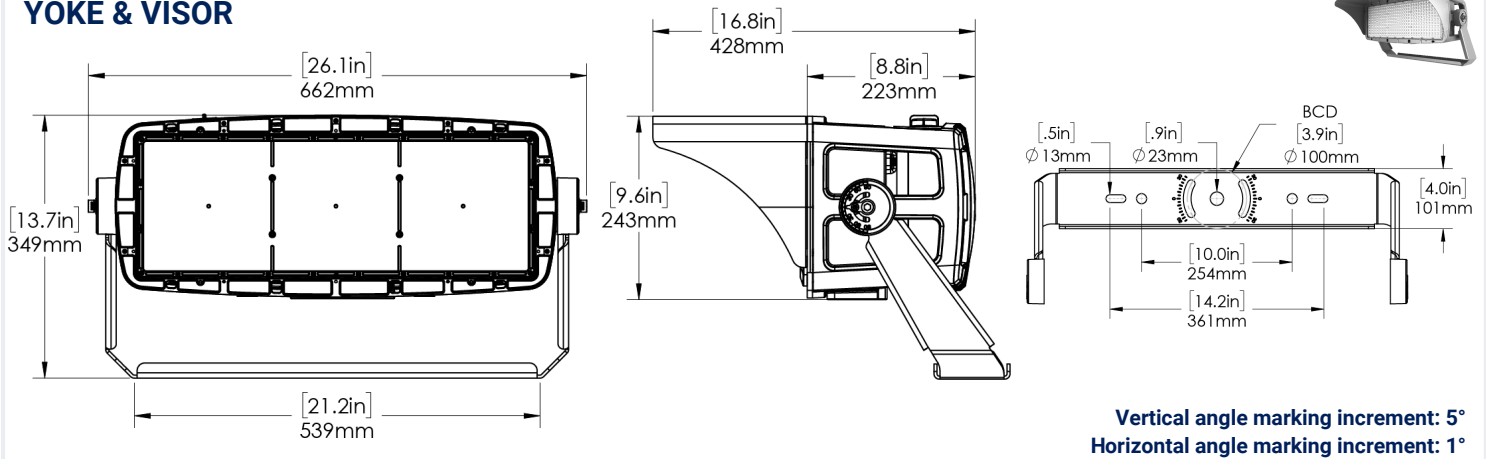
ACCESSORIES SOLD SEPARATELY

002494	SFL, STRIKE - LASER POINTER Used to accurately aim the fixture to the desired location. Range of the laser pointer is 200 meters. It is operated by rechargeable battery. Note: Laser pointer package includes one DC (rechargeable) battery and battery recharger.		084395	STRIKE1 - VISOR GRY	
084215	BLUETOOTH 3-KEY AC LINE VOLTAGE WALL SWITCH 120-277VAC, 3-KEYS(ON/OFF, DIM+, DIM-)		002510	5FT CABLE W/ CONNECTOR	
			002511	10FT CABLE W/ CONNECTOR	
084633	BLUETOOTH 5-KEY BATTERY POWERED WIRELESS WALL SWITCH & PLATE		002512	30FT CABLE W/ CONNECTOR	
			002513	65FT CABLE W/ CONNECTOR	

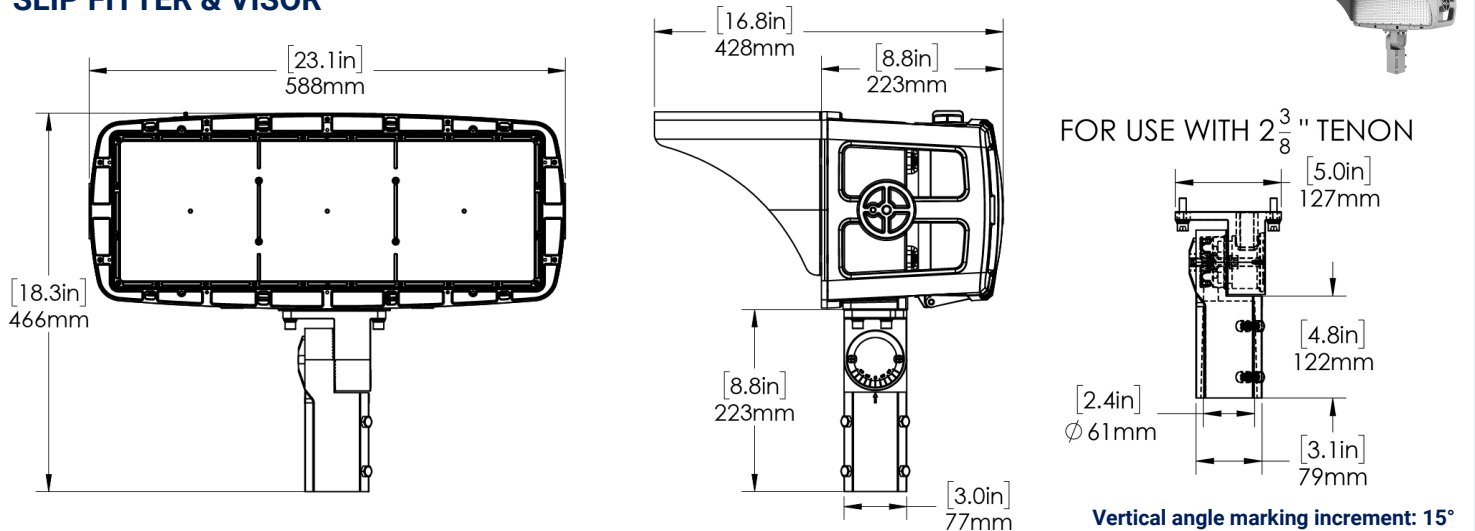
Note: Cable with Connector for remote driver mounting is only available for non-RGB models.

DIMENSIONS

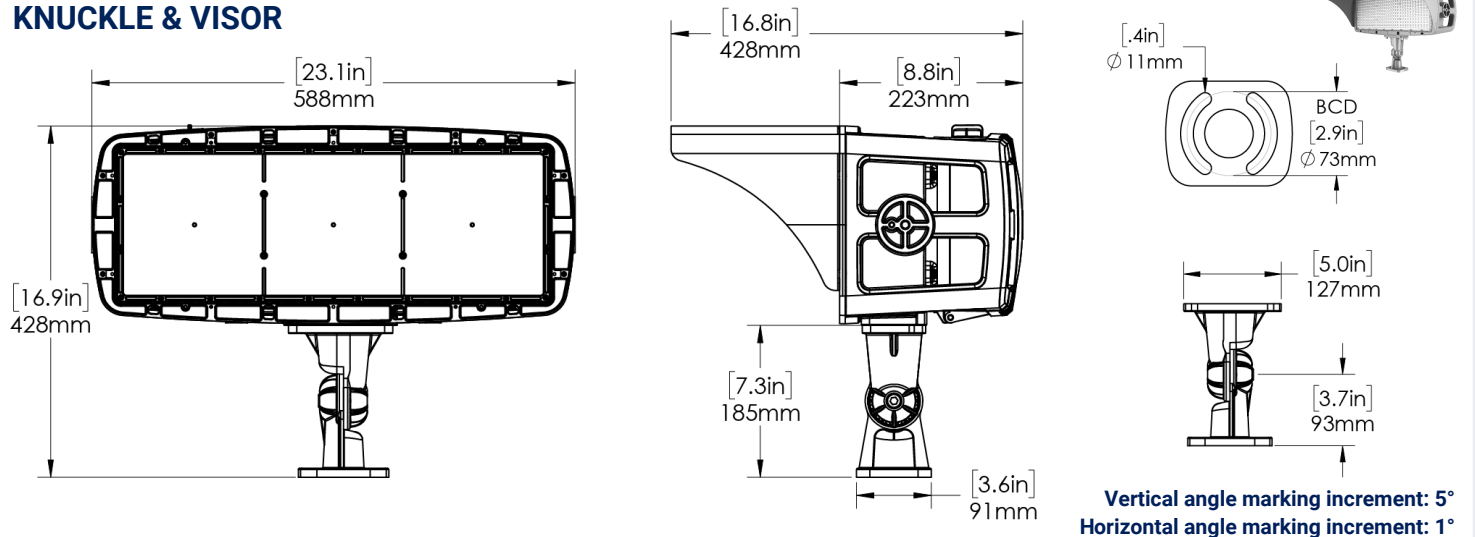
YOKE & VISOR



SLIP FITTER & VISOR



KNUCKLE & VISOR

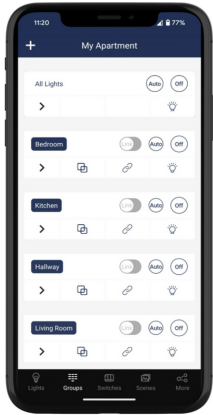


CONTROLLED

RAB
DESIGN

ControlLED Network Lighting Controls (NLC) delivers secure, wireless lighting management with Bluetooth Mesh and the ControlLED App. Integrated sensors enable automatic adjustments for comfort, safety, and efficiency.

Maximum Bluetooth transmittance of 860ft between fixtures (unobstructed) and 200ft between user and any one fixture.



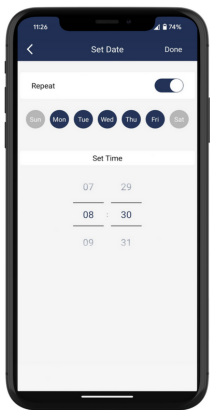
Organised Fields:
Create Zones and Groups



Dimming Lights:
Set dim level for groups or individual lights.



Scenes:
Create custom scenes for different scenarios.



Schedules:
Create custom schedules for recurring events.



Share Access:
Share access using QR codes.

BLUETOOTH CONTROL

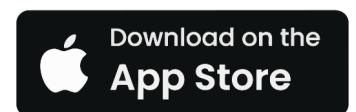
FEATURES

- Bluetooth mesh network
- DLC - Networked Lighting Control (NLC) & Luminaire Level Lighting Control (LLLC)
- Group and Individual fixture dimming
- Scenes & Schedules

SPECIFICATIONS

Input Voltage	12 VDC
Input Current	Min 150mA
Output Current	10mA Max.
Dimming	Class 2, 0-10 VDC
Bluetooth Transmit	860ft Max.
Radio Frequency	2.4GHz $\pm$ 75MHz
Bluetooth Version	5.0

Get the App!



ADDITIONAL DETAILS

AMPERAGE DRAW & SURGE PROTECTION

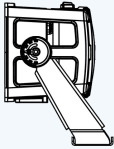
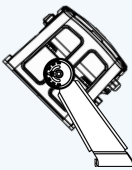
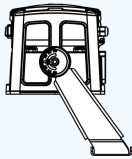
	CURRENT					SURGE PROTECTION	
	120V	208V	240V	277V	347V	120-277V	347V
STRIKE1-LED600A400	5.25A	3.03A	2.63A	2.28A	1.82A	10kV Driver internal + 10kV external (20kV Optional)	
STRIKE1-LED800A600	7.15A	4.13A	3.58A	3.1A	2.48A		

TM-21 ESTIMATED LUMEN MAINTENANCE

	50,000 Hours	75,000 Hours	100,000 Hours
STRIKE1-LED600A400	89.7%	84.9%	80.3%
STRIKE1-LED800A600			

Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.

EPA (ft²)

	90° Tilt 	45° Tilt 	0° Tilt 
STRIKE1 with Yoke	2.18	2.69	1.81
STRIKE1 with Slip Fitter	2.17	2.61	1.66
STRIKE1 with Knuckle	2.07	2.52	1.57

WEIGHT

	With Yoke	With Slip Fitter	With Knuckle
STRIKE1	44.1 lbs (20 kg)	40.1 lbs (18.2 kg)	38.0 lbs (17.2 kg)
Visor		1.47 lbs (0.67 kg)	
	Remote Driving Mounting		
STRIKE1 - Without Driver Box	29.6 lbs (13.4 kg)	25.6 lbs (11.6 kg)	23.5 lbs (10.6 kg)
STRIKE1 - Driver Box		14.5 lbs (6.59 kg)	

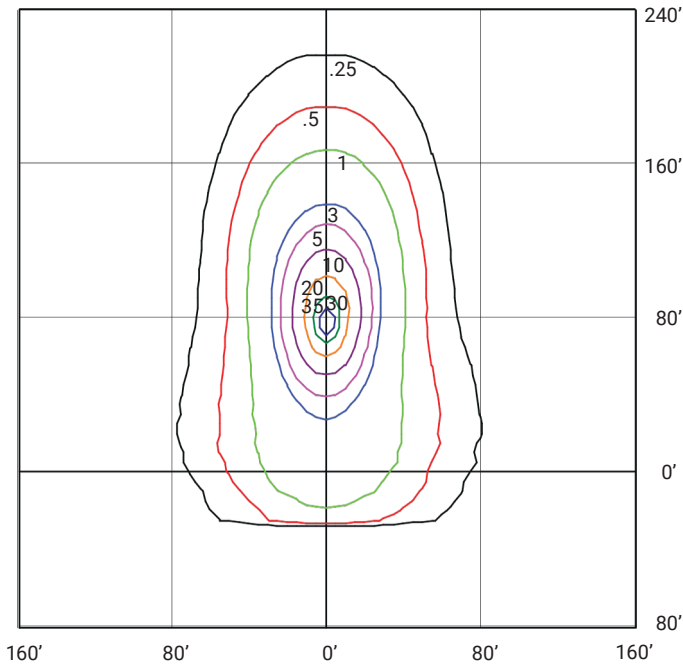
RGB PERFORMANCE

STRIKE1-LED600	RGB	Red	Green	Blue
Input Watts	600 W	210 W	205 W	206 W
Light Output	37200 lm	4800 lm	33000 lm	2500 lm
Efficacy	62 lm/W	23 lm/W	161 lm/W	12 lm/W
STRIKE1-LED800	RGB	Red	Green	Blue
Input Watts	800 W	270 W	270 W	280 W
Light Output	46700 lm	6600 lm	43500 lm	3100 lm
Efficacy	58 lm/W	24 lm/W	161 lm/W	11 lm/W

PHOTOMETRIC PLOTS

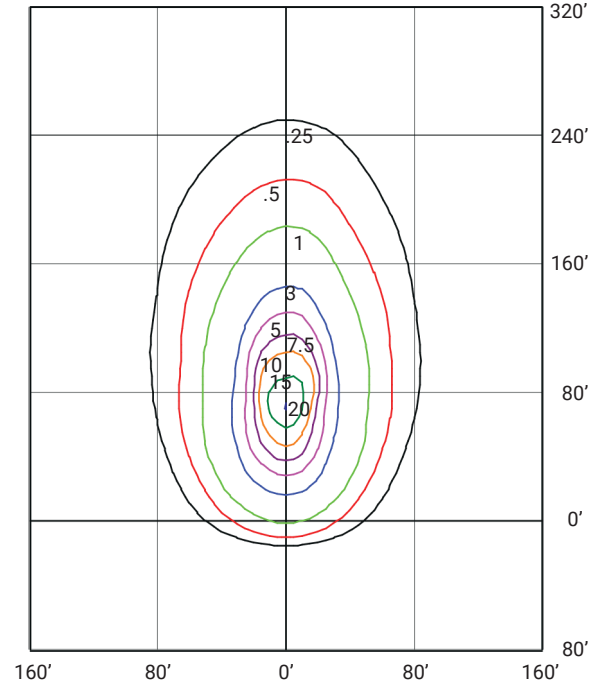
STRIKE1-LED600A400-B-5K-15DEG (600W, 5000K)
60 DEGREE TILT MOUNTED AT 50 FEET

LUMENS 94782.7 MAX CALCULATED VALUE 38.40



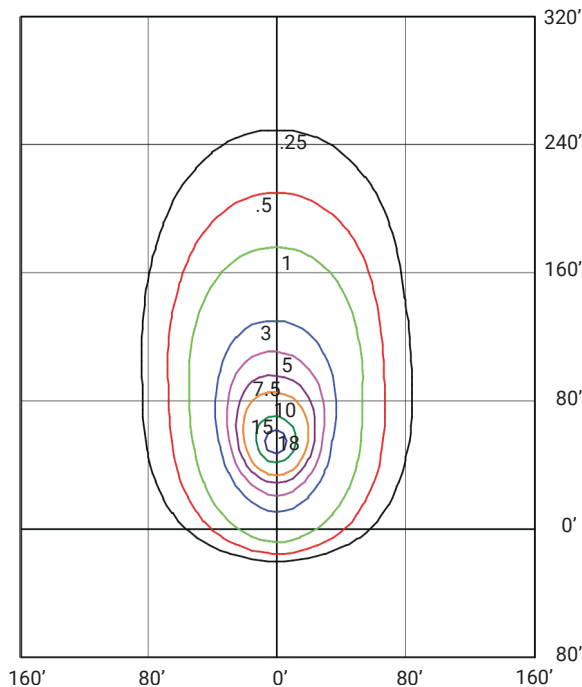
STRIKE1-LED600A400-B-5K-20DEG (600W, 5000K)
60 DEGREE TILT MOUNTED AT 50 FEET

LUMENS 95572.6 MAX CALCULATED VALUE 20.10



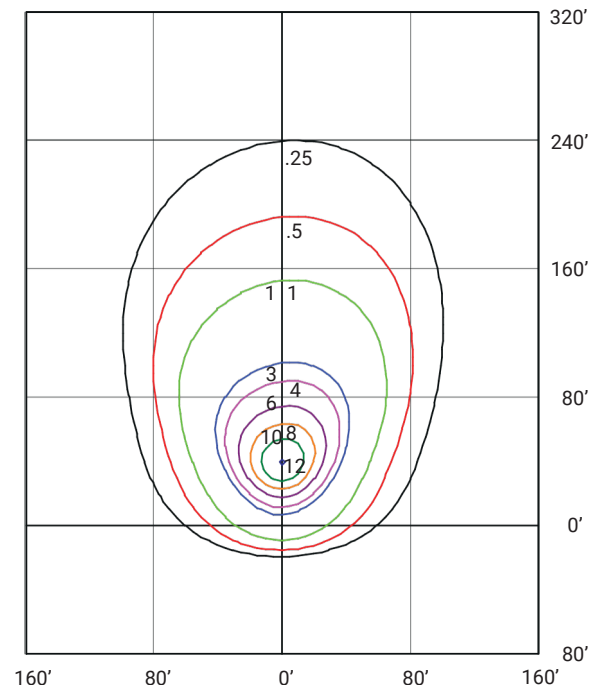
STRIKE1-LED600A400-B-5K-35DEG (600W, 5000K)
60 DEGREE TILT MOUNTED AT 50 FEET

LUMENS 99532.7 MAX CALCULATED VALUE 19.39



STRIKE1-LED600A400-B-5K-55DEG (600W, 5000K)
60 DEGREE TILT MOUNTED AT 50 FEET

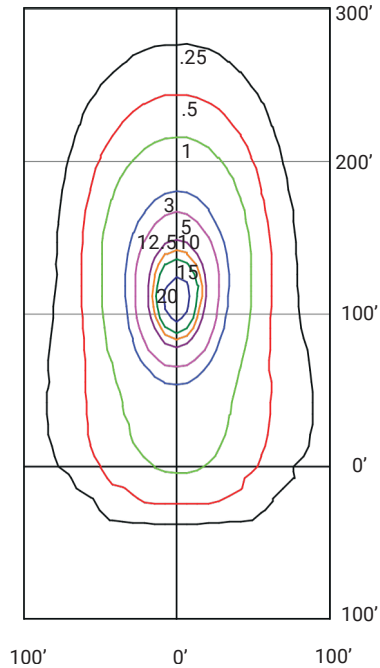
LUMENS 92895.4 MAX CALCULATED VALUE 12.10



PHOTOMETRIC PLOTS

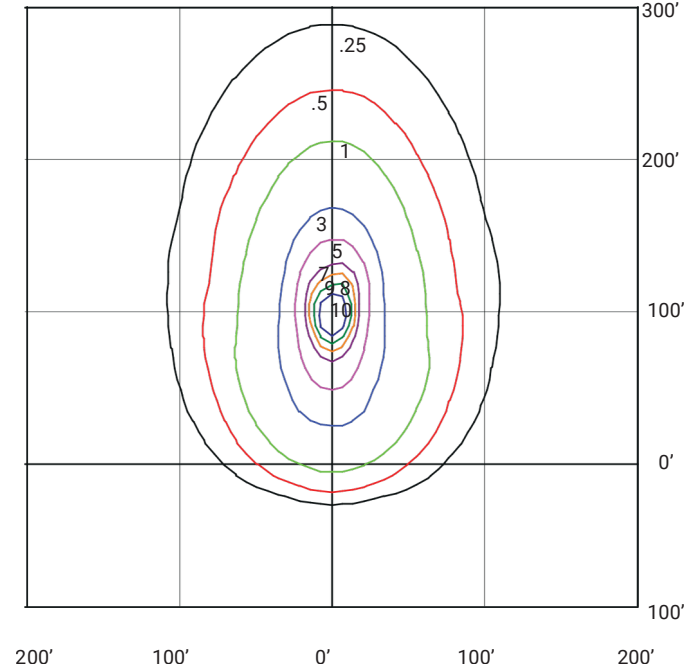
STRIKE1-LED800A600-B-5K-15DEG (800W, 5000K)
60 DEGREE TILT MOUNTED AT 70 FEET

LUMENS 114892 MAX CALCULATED VALUE 24.24



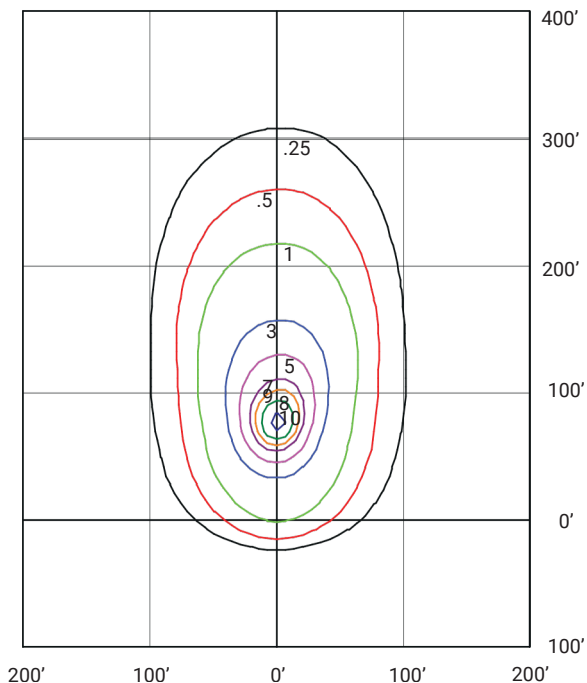
STRIKE1-LED800A600-B-5K-20DEG (800W, 5000K)
60 DEGREE TILT MOUNTED AT 70 FEET

LUMENS 117145 MAX CALCULATED VALUE 11.49



STRIKE1-LED800A600-B-5K-35DEG (800W, 5000K)
60 DEGREE TILT MOUNTED AT 70 FEET

LUMENS 114624 MAX CALCULATED VALUE 10.29



STRIKE1-LED800A600-B-5K-55DEG (800W, 5000K)
60 DEGREE TILT MOUNTED AT 70 FEET

LUMENS 118179 MAX CALCULATED VALUE 7.75

