

PROJECT:

SCHEDULE:

DATE:

PREPARE BY:

NOTES:

DESCRIPTION

naturaLED® Compact Area Light is constructed with a durable, die-cast aluminum housing and excellent thermal design and is the perfect lighting solution for your parking lot, street, walkway, building flood up/down light and/or as a sign lighter. It provides uniform, consistent color with a wide range of wattage selections to replace up to 1500W HID fixtures. Our fixtures are DLC Premium certified and IP65 rated with three types of mounting options available: Pole Mount, Slip Fitter, and Yoke Mount. Compatible with photocell sensors, receptacle, and IR motion sensor are available as optional accessories to address your needs.



Rated Life 50,000 Hours
Warranty 5 Years

APPLICATIONS

Parking Lot, Street, Site, Streetscape, Area Lighting

FEATURES

- DLC Premium
- IP65 Rated
- Select binning for color consistency
- Uniform and consistent color
- Minimize Glare
- Type 3 Light Distribution
- Material: Die Cast Aluminum
- Lens: UV resistant polycarbonate lens
- Input line voltage: 120-277V / 120-347V / 277-480V
- Dimmable: 1-10V (120-277V) / 0-10V (120-347V, 277-480V)
- Power factor: >0.9
- IK Rating: IK09
- Surge Protection: 6KV
- CRI: 80
- ColorTemp: 4000K, 5000K
- Operating temperature: -40°F - 113°F
- Finish: Black or Bronze

ACCESSORIES

	Mounting Arms		Wall Mount
	Shorting Cap		Receptacle
	Photocell		Sensors
	Grouping/Zoning Sensor Kit		Glare Shield
	Surge Protection		
	Lens- Type IV / V		

SAMPLE NUMBER FXCAL150/840/BZ/3S/480

FAMILY	SERIES	WATTAGE	CRI/COLOR TEMP	COLOR	TYPE	VOLTAGE
FX fixture	CAL compact area light	150 150W	840 CRI 80 4000K	BZ bronze	3S type3	480 480V



COMPACT AREA LIGHT

WALL & AREA LUMINAIRES

ORDERING

*P= Premium DLC / *S = Standard DLC

Watts (W)	Ordering Code	Description	CCT (K)	Lumens (Lm)	Equiv. Wattage (W)	Voltage	Beam Angle	IP65 Rated	DLC (S/P)
100	9492	FXCAL100/840/BZ/3S	4000K	13,873	250-400	120-277	Type3	•	P
100	9493	FXCAL100/850/BZ/3S	5000K	14,100	250-400	120-277	Type3	•	P
150	9494	FXCAL150/840/BZ/3S	4000K	21,000	400-575	120-277	Type3	•	P
150	9495	FXCAL150/850/BZ/3S	5000K	21,150	400-575	120-277	Type3	•	P
240	9496	FXCAL240/840/BZ/3S	4000K	33,600	750-1000	120-277	Type3	•	P
240	9497	FXCAL240/850/BZ/3S	5000K	33,840	750-1000	120-277	Type3	•	P
300	9498	FXCAL300/840/BZ/3S	4000K	42,000	1000-1500	120-277	Type3	•	P
300	9499	FXCAL300/850/BZ/3S	5000K	42,300	1000-1500	120-277	Type3	•	P
150	9528	FXCAL150/840/BZ/3S/480	4000K	21,000	400	277-480	Type3	•	pending
150	9529	FXCAL150/850/BZ/3S/480	5000K	21,000	400	277-480	Type3	•	pending
300	9518	FXCAL300/840/BZ/3S/480	4000K	40,500	1000	277-480	Type3	•	pending
300	9519	FXCAL300/850/BZ/3S/480	5000K	40,500	1000	277-480	Type3	•	pending
100	9512	FXCAL100/840/BZ/3S/347	4000K	14,000	250-400	120-347	Type3	•	pending
100	9513	FXCAL100/850/BZ/3S/347	5000K	14,000	250-400	120-347	Type3	•	pending
150	9514	FXCAL150/840/BZ/3S/347	4000K	21,000	400-575	120-347	Type3	•	pending
150	9515	FXCAL150/850/BZ/3S/347	5000K	21,000	400-575	120-347	Type3	•	pending
300	9516	FXCAL300/840/BZ/3S/347	4000K	40,500	1000-1500	120-347	Type3	•	pending
300	9517	FXCAL300/850/BZ/3S/347	5000K	40,500	1000-1500	120-347	Type3	•	pending

COMPACT AREA LIGHT

WALL & AREA LUMINAIRE

ACCESSORIES (Ordered Separately)



Slip Fitter
P10366 MT-CAL/SF/BZ
(Slip Fitter Mount for CAL)



8" Pole Mount Arm
P10365 MT-CAL/PM8/BZ
(8" Pole Mount Arm for CAL)



Yoke Mount
P10367 MT-CAL/YK13/BZ
(Yoke Mount for CAL)



Wall Mount
K379200 MT-CAL/WM/BZ
(CAL Wall Mount Kit Bronze
P10379 MT-CAL/MH/BZ +
P10200 MT-SAL/WM/BZ)



Shorting Cap
P10053 SEN-PHO-LK-MT-SRT
(Twist Lock Photocell Shorting Cap
120-480V 3 Prong)



Dusk to Dawn Photocell
K141030 REC3PLK/PHO
(Twist Lock Photocell & Receptacle
120-277V 3 Prong)



Glare Shield
P10405 GSFB-CAL/BZ
(Requires 1pc for 100/150W,
Recommend 2 pcs for 240/300W)



Twist Lock Receptacle
P10141 REC3PLK
(Twist Lock Photocell & Receptacle
Mount 120-480V 3 Prong)



P10142 REC7PLK
(Twist Lock Photocell & Receptacle
Mount 120-480V 7 Prong)



Individual Sensors
P10387 SEN-BRI823-B-D
(PIR Motion/ Photocell 1-10V Bi-Level
Control Internal 120-277V)



P10371 SEN-BRI619
(Sensor Motion 0-10V IP66 Internal
12-24V IR head)



P10316 SEN-RC100
(Optional Remote Programmer for
P10387, P10371)



Surge Protection
P10389 SPD-L-10KV-277
(Surge Protection 10KV 120-277V)



P10390 SPD-L-20KV-277
(Surge Protection 20KV 120-277V)



P10391 SPD-L-20KV-480
(Surge Protection 20KV 347-480V)



Plate with Grouping/Zoning Sensor Kit
P10259 SEN-ON-SRP281
(Remote Programmer for grouping/zoning)

K368258 PLT/SBZ/CAL/LRD9SWC
(Small plate with PIR linkable sensor 0-10V
bi-level control 120-277V for 100W, 150W)

K368370 PLT/SBZ/CAL/BRDSWC
(Small plate with motion/remote linkable sensor
0-10V 3X C Lens 120-347V, 277-480V for 100W, 150W)

K369258 PLT/LBZ/CAL/LRD9SWC
(Large plate with PIR linkable sensor 0-10V
bi-level control 120-277V for 240W, 300W)

K369370 PLT/LBZ/CAL/BRDSWC
(Large plate with motion/remote linkable sensor
0-10V 3X C Lens 120-347V, 277-480V for 240W, 300W)



Type IV / V Lens for 100/150W
P10398 LENS-CAL-IV
(Lens for CAL 100/150W Type IV Lens)

P10399 LENS-CAL-V
(Lens for CAL 100/150W Type V Lens)



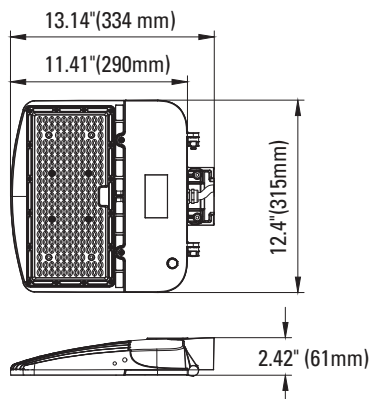
Type IV / V Lens for 240/300W
K398X2 LENS-CA:240/300-IV
(Lens Kit for CAL 240/300W Type IV Lens)

K399X2 LENS-CA:240/300-V
(Lens Kit for CAL 240/300W Type V Lens)

DIMENSIONS

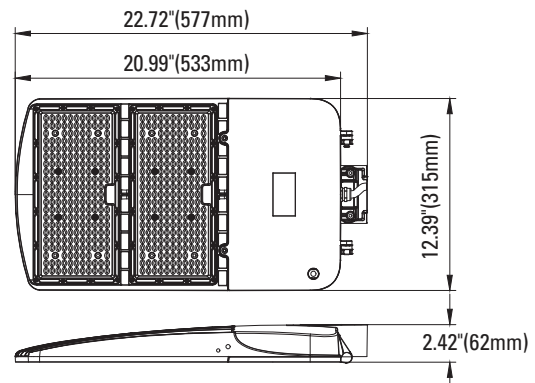
100W
6.28-lbs

150W
6.48-lbs



240W
10.31-lbs

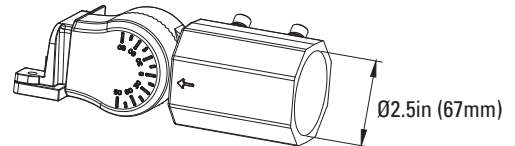
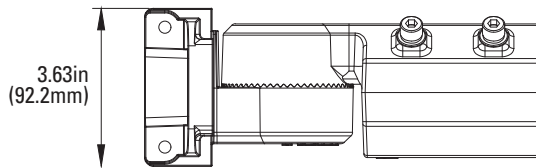
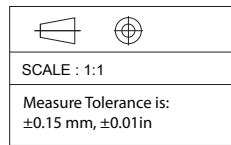
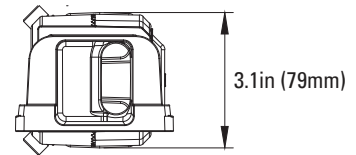
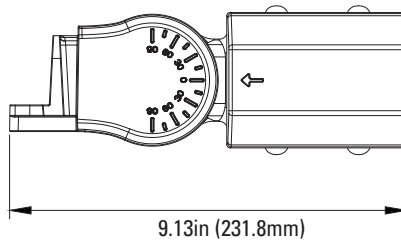
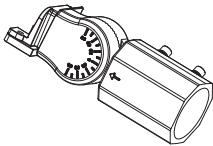
300W
10.75-lbs



MOUNTING

Slip Fitter

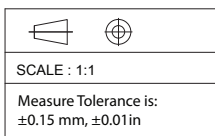
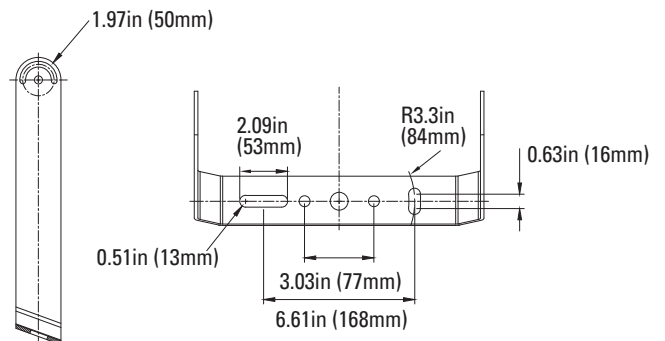
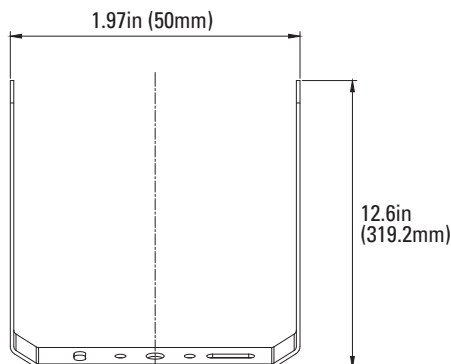
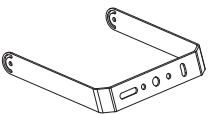
P10366 MT-CAL/SF/BZ



MOUNTING

Yoke Mount

P10367 MT-CAL/YK13/BZ



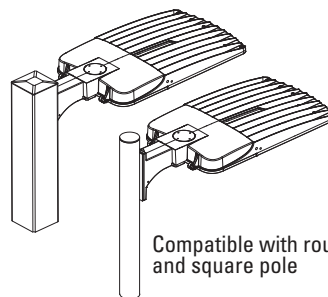
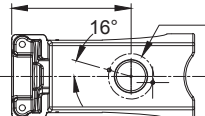
MOUNTING

8" Pole Mount Arm

P10365 MT-CAL/PM8/BZ (Bronze)



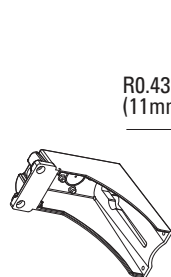
5.18in (131.6mm)



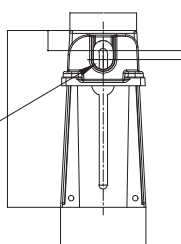
Compatible with round and square pole



Remove gasket for round pole mounting

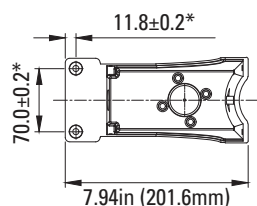


R0.43in (11mm)

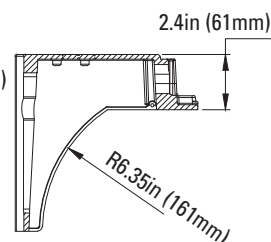
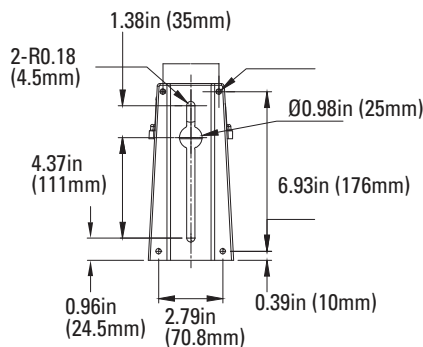


2-M4

50.2148



70.0±0.2*



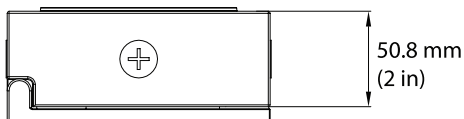
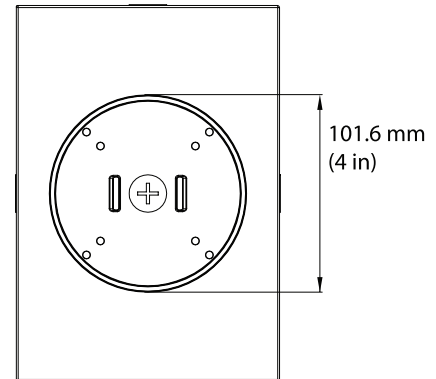
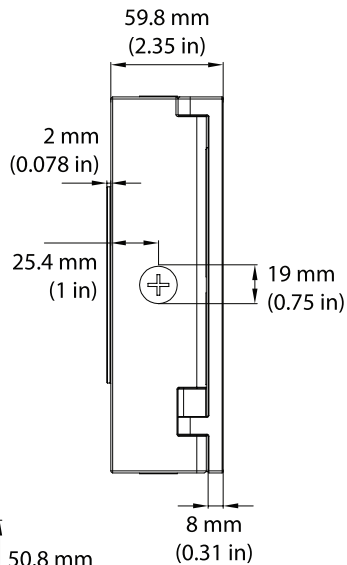
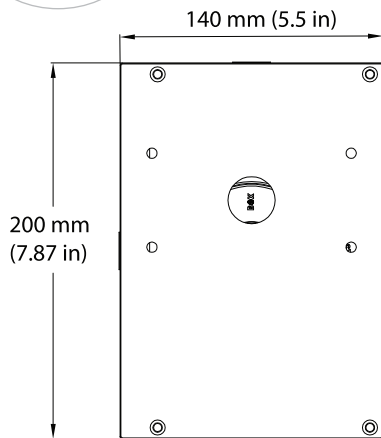
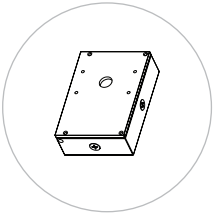
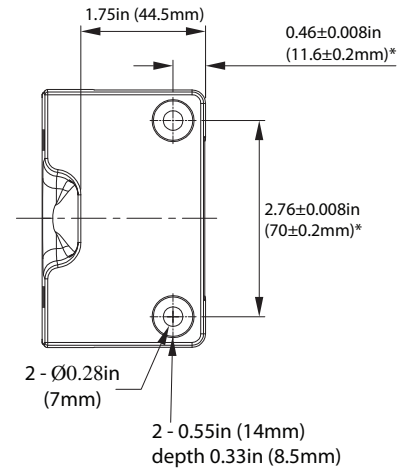
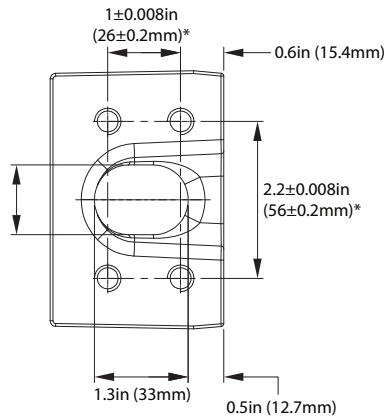
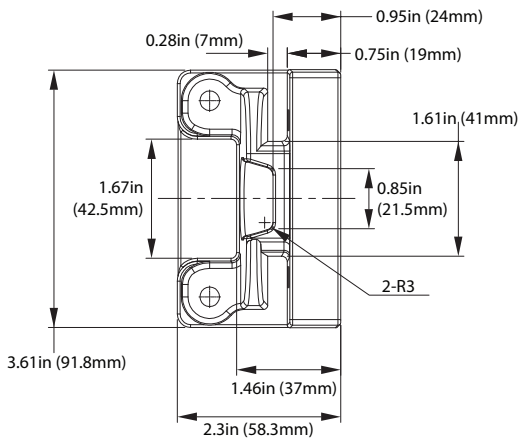
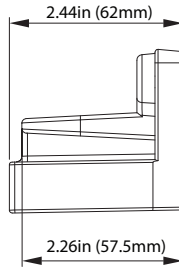
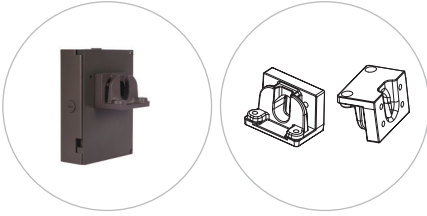
SCALE : 1:1	
Measure Tolerance is: ±0.15 mm, ±0.01in	

MOUNTING

Wall Mount

K379200 MT-CAL/WM/BZ

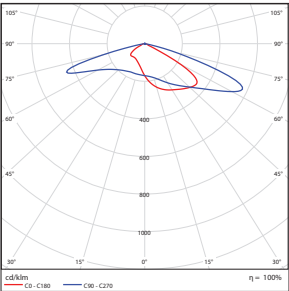
(P10379 MT-CAL/MH/BZ + P10200 MT-SAL/WM/BZ)



	
SCALE : 1:1	
Measure Tolerance is: ±0.15 mm, ±0.01in	
Material: Aluminium	

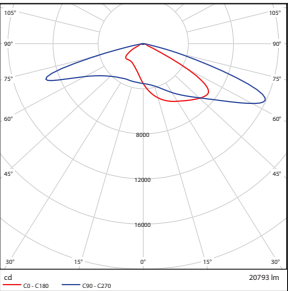
PHOTOMETRICS CHART

100W
DLC Premium



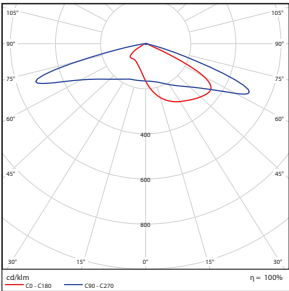
Illuminance at a Distance	
Center Beam fc	Beam Width
3.3R	217 fc
6.7R	52.6 fc
10.0R	23.6 fc
13.3R	13.3 fc
16.7R	8.46 fc
20.0R	5.90 fc
Vert. Spread: 69.1°	4.5 ft
Horiz. Spread: 40.2°	2.4 ft

150W
DLC Premium



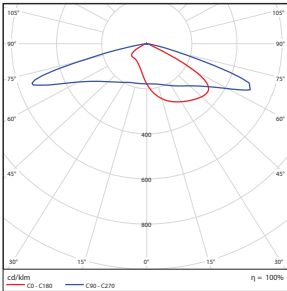
Illuminance at a Distance	
Center Beam fc	Beam Width
3.3R	325 fc
6.7R	78.8 fc
10.0R	35.4 fc
13.3R	20.0 fc
16.7R	12.7 fc
20.0R	8.84 fc
Vert. Spread: 69.1°	4.5 ft
Horiz. Spread: 40.2°	2.4 ft

240W
DLC Premium



Illuminance at a Distance	
Center Beam fc	Beam Width
5.0R	224 fc
10.0R	56.1 fc
15.0R	24.9 fc
20.0R	14.0 fc
25.0R	8.97 fc
30.0R	6.23 fc
Vert. Spread: 66.6°	6.8 ft
Horiz. Spread: 34.9°	3.1 ft

300W
DLC Premium



Illuminance at a Distance	
Center Beam fc	Beam Width
5.0R	303 fc
10.0R	75.9 fc
15.0R	33.7 fc
20.0R	19.0 fc
25.0R	12.1 fc
30.0R	8.43 fc
Vert. Spread: 74.5°	7.6 ft
Horiz. Spread: 59.5°	3.1 ft

PACKAGE

Case Qty 1 pc

