

PROJECT:

SCHEDULE:

DATE:

PREPARE BY:

NOTES:

## FDL 1/2" KNUCKLE FLOODLIGHT

### DESCRIPTION

naturaLED® floodlights provide a range of sizes and wattages to fit your needs. Our compact flood lights are water resistant rated at IP65 and come with 1/2" NPT knuckle mount. Creating bright, security and spot lighting for a variety of applications such as perimeter, entryway, facades, landscapes, retail and residential complexes and architectural lighting.



Adjustable  
+/- 90°  
knuckle

**Rated Life 50,000 Hours**  
**Warranty 5 Years**

### APPLICATIONS

Security, Architectural, Perimeter, Entryway, Pathway, Landscape

### FEATURES

- DLC Premium
- IP65 Rated
- UL Listed
- Long life LED chips
- ColorTemp: 4000K, 5000K
- Knuckle can be adjusted +/- 90°
- Input line voltage: 120-277V
- CRI: 80
- Powerfactor >0.9
- Surge Protection Level:  
15W=2.5KV  
30/50W=1.5KV
- 1/2" NPT
- Material: Aluminum Die-Cast Housing
- Operating Temperature: - 40°F - 122°F
- 5 Year Warranty
- Finish: Bronze

**SAMPLE NUMBER** FXFDL30/76/40K/BZ-KNC

FAMILY	SERIES	WATTAGE	BEAM ANGLE	COLOR TEMP	COLOR	ACCESSORY
FX Fixture	FDL Floodlight	30 30 watt	76 76 NEMA 7Hx6V	40K 4000K	BZ Bronze	KNC Knuckle



# 1/2" KNUCKLE FLOODLIGHT

## FLOODLIGHTS & AREA LUMINAIRES

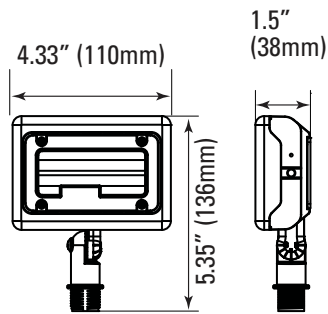
### ORDERING

\*P= Premium DLC / \*S = Standard DLC

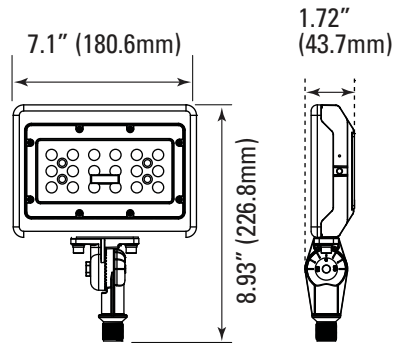
Watts (W)	Ordering Code	Description	CCT (K)	Lumens (Lm)	Equiv. Wattage (W)	Dimmable	IP65 Rated	DLC (S/P)
15	9313	LED-FXFDL15/77/40K/BZ-KNC	4000K	1,603	100	-	•	-
15	9314	LED-FXFDL15/77/50K/BZ-KNC	5000K	1,624	100	-	•	-
50	9317	LED-FXFDL50/77/40K/BZ-KNC	4000K	5,778	250-400	-	•	-
30	9581	FXFDL30/76/40K/BZ-KNC	4000K	4,043	150-200	1-10V	•	P
30	9582	FXFDL30/76/50K/BZ-KNC	5000K	4,214	150-200	1-10V	•	P
50	9583	FXFDL50/76/40K/BZ-KNC	4000K	6,918	250-400	1-10V	•	P
50	9584	FXFDL50/76/50K/BZ-KNC	5000K	7,210	250-400	1-10V	•	P

### DIMENSIONS

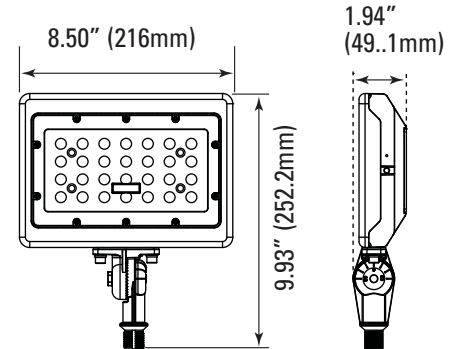
**15W**  
0.88-lbs



**30W**  
2.42-lbs

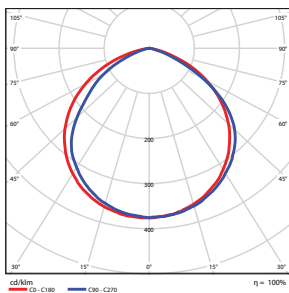


**50W**  
3.52-lbs

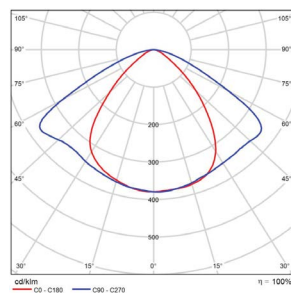


### PHOTOMETRICS CHART

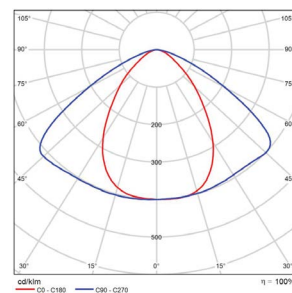
**15 Watt**



**30 Watt  
DLC Premium**

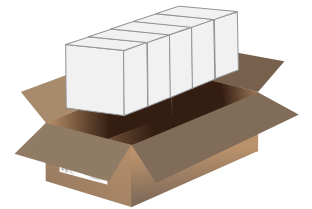


**50 Watt  
DLC Premium**

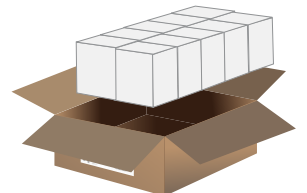


### PACKAGE

**Case Qty for 30W & 50W**  
5 pcs



**Case Qty for 15W**  
10 pcs



Center Beam fc	Beam Width
2.5R	95.8 fc    7.4 ft    6.6 ft
5.0R	23.9 fc    14.9 ft    13.3 ft
7.5R	10.6 fc    22.3 ft    19.9 ft
10.0R	5.99 fc    29.7 ft    26.5 ft
12.5R	3.83 fc    37.2 ft    33.2 ft
15.0R	2.66 fc    44.6 ft    39.8 ft

Vert. Spread: 112.1°  
Horiz. Spread: 106.0°

Center Beam fc	Beam Width
2.5R	235 fc    4.8 ft    10.2 ft
5.0R	58.8 fc    9.5 ft    20.4 ft
7.5R	26.1 fc    14.3 ft    30.6 ft
10.0R	14.7 fc    19.0 ft    40.8 ft
12.5R	9.40 fc    23.8 ft    51.0 ft
15.0R	6.53 fc    28.6 ft    61.2 ft

Vert. Spread: 87.2°  
Horiz. Spread: 127.8°

Center Beam fc	Beam Width
2.5R	424 fc    3.7 ft    9.0 ft
5.0R	106 fc    7.4 ft    18.1 ft
7.5R	47.1 fc    11.0 ft    27.1 ft
10.0R	26.5 fc    14.7 ft    36.2 ft
12.5R	17.0 fc    18.4 ft    45.2 ft
15.0R	11.8 fc    22.1 ft    54.3 ft

Vert. Spread: 72.7°  
Horiz. Spread: 122.1°