

# AFL10 LED

Architectural  
Floodlight



**KIM LIGHTING**



**HUBBELL**  
Lighting

# AFL10 LED Architectural Floodlight

With a timeless architectural form factor and a 30 year reputation for unprecedented quality and performance, the AFL10 has now been upgraded to LED.

## Features and Benefits:

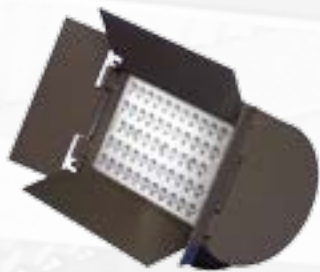
- 20 to 40% increase in lumen output over HID version
- 34 to 152% increase in max candela over HID
- Over 30% improvement in uniformity
- Easy to install LED retrofit kits available
- Unique swivel mount provides superior aiming without loosening over time
- Die cast aluminum housing with powder coat finish for excellent value and rugged service
- Wide Flood, Vertical Flood, and Narrow Flood Distributions
- IP66 certified
- Sleek looking, one of a kind optics complement the AFL's premium architectural design elements and securely attach to internal heat sink for maximum thermal dissipation
- Multitude of mounting options
- Energy savings up to 54%



Ribs at back of luminaire dissipate heat and keep the the fixture cool



Both the standard swivel and Heavy Duty Swivel (HDS) option shown here are easily adjustable



Barn Doors (BD)



Fixed Hood (FH)



Full Shield (FS)



Color Filter Assembly (CFA)  
5 different lens filter colors available. See ordering code on back page

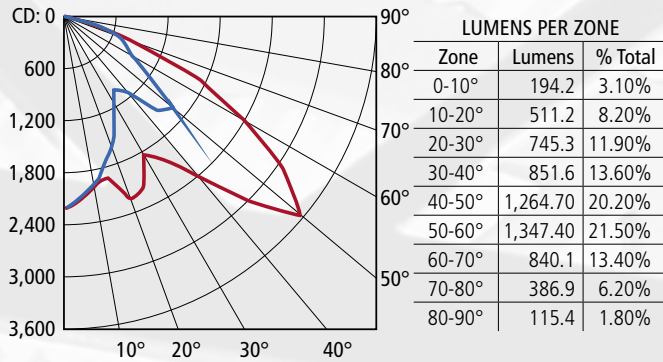
See [http://www.kimlighting.com/content/products/specs/specs\\_files/kl\\_afl10mounting\\_spec.pdf](http://www.kimlighting.com/content/products/specs/specs_files/kl_afl10mounting_spec.pdf) for mounting option ordering.



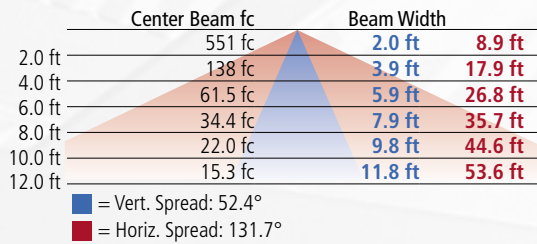
# Wide Flood Polar Candela Distribution

**3,000K, 350mA – 62W**

**AFL10-LED-WF-54L3K35** ■ = 0°H ■ = 90°H



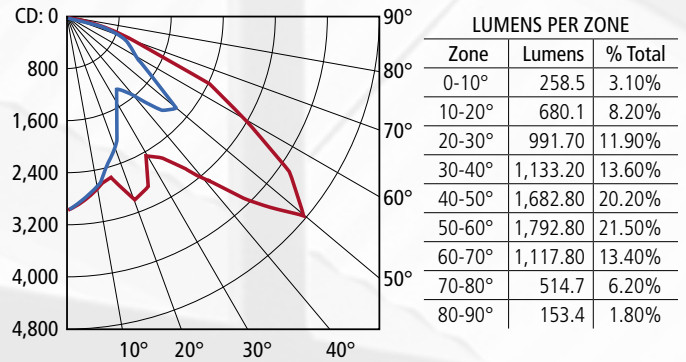
ILLUMINANCE AT A DISTANCE



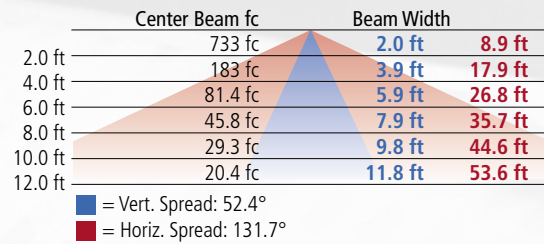
47 ft = 1 fc maximum distance

**3,000K, 500mA – 88W**

**AFL10-LED-WF-54L3K50** ■ = 0°H ■ = 90°H



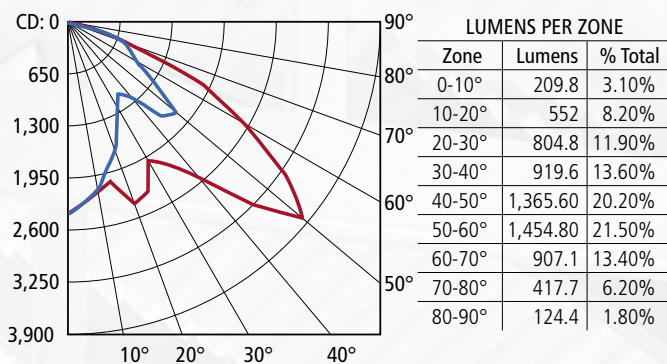
ILLUMINANCE AT A DISTANCE



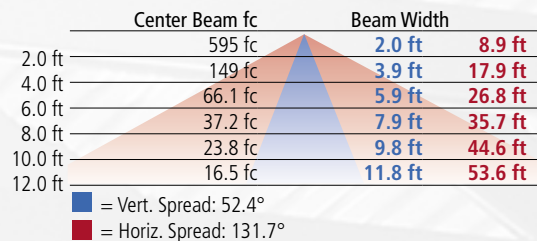
54 ft = 1 fc maximum distance

**4,000K, 350mA – 62W**

**AFL10-LED-WF-54L4K35** ■ = 0°H ■ = 90°H



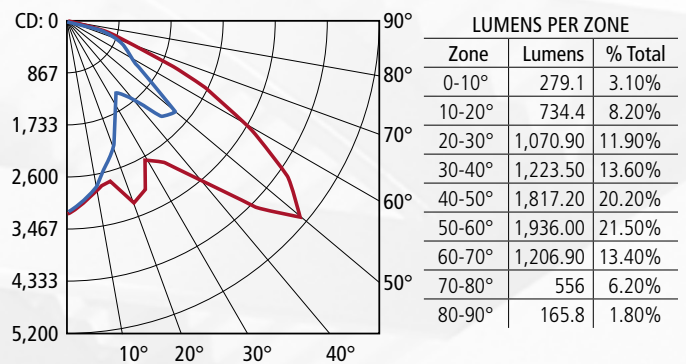
ILLUMINANCE AT A DISTANCE



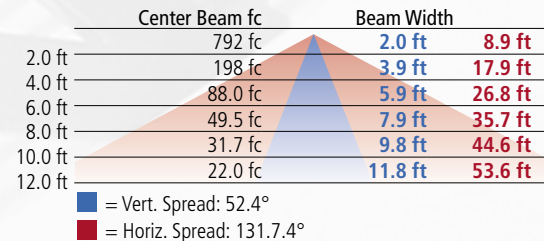
48 ft = 1 fc maximum distance

**4,000K, 500mA – 88W**

**AFL10-LED-WF-54L4K50** ■ = 0°H ■ = 90°H



ILLUMINANCE AT A DISTANCE

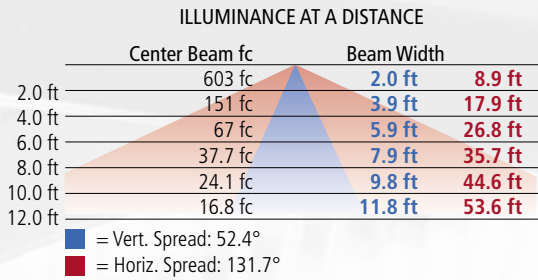
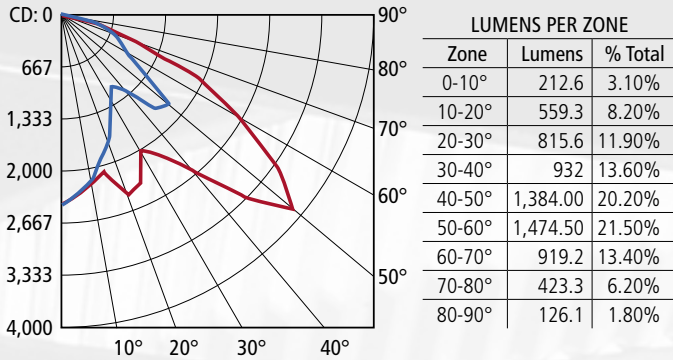


56 ft = 1 fc maximum distance

# Wide Flood Polar Candela Distribution (cont.)

## 5,000K, 350mA – 62W

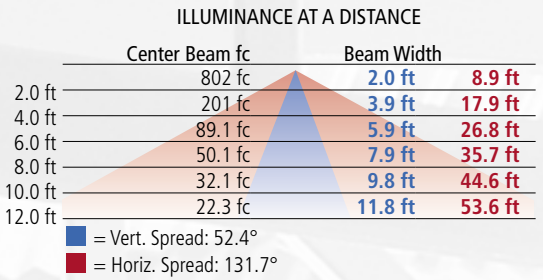
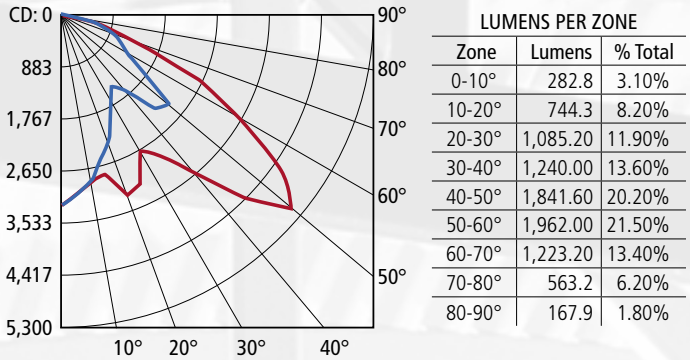
AFL10-LED-WF-54L5K35 ■ = 0°H ■ = 90°H



49 ft = 1 fc maximum distance

## 5,000K, 500mA – 88W

AFL10-LED-WF-54L5K50 ■ = 0°H ■ = 90°H

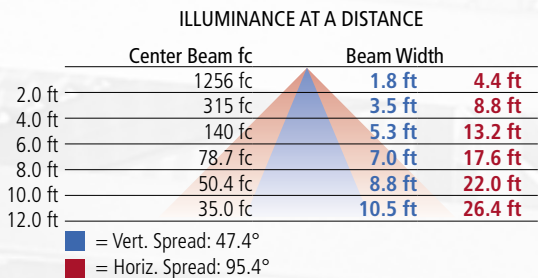
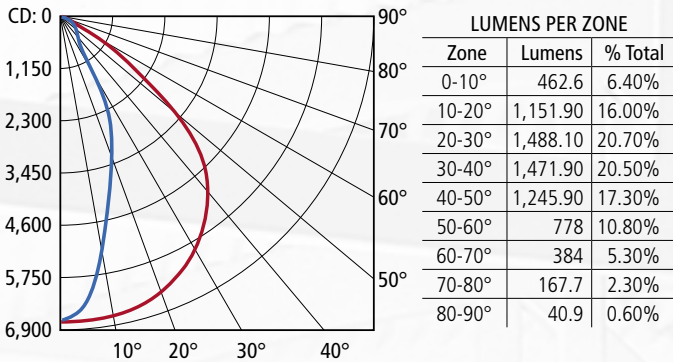


57 ft = 1 fc maximum distance

# Vertical Flood Polar Candela Distribution

## 3,000K, 350mA – 62W

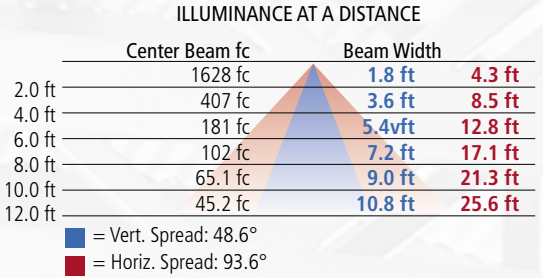
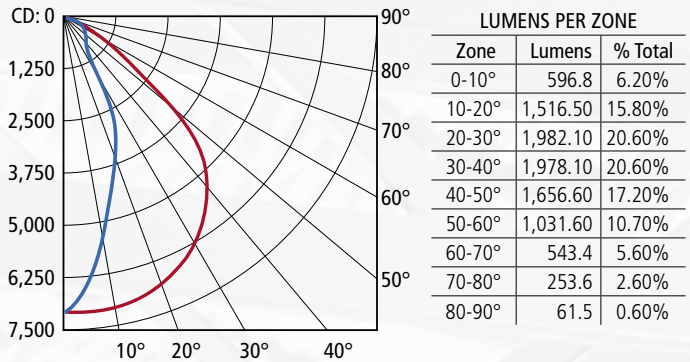
AFL10-LED-VF-54L3K35 ■ = 0°H ■ = 90°H



71 ft = 1 fc maximum distance

## 3,000K, 500mA – 88W

AFL10-LED-VF-54L3K50 ■ = 0°H ■ = 90°H

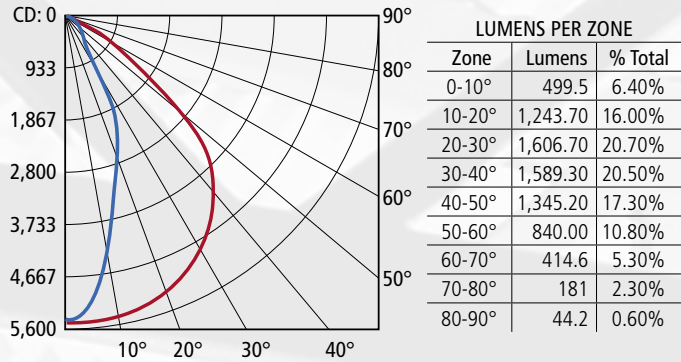


81 ft = 1 fc maximum distance

# Vertical Flood Polar Candela Distribution (cont.)

## 4,000K, 350mA – 62W

**AFL10-LED-VF-54L4K35** ■ = 0°H ■ = 90°H



### ILLUMINANCE AT A DISTANCE

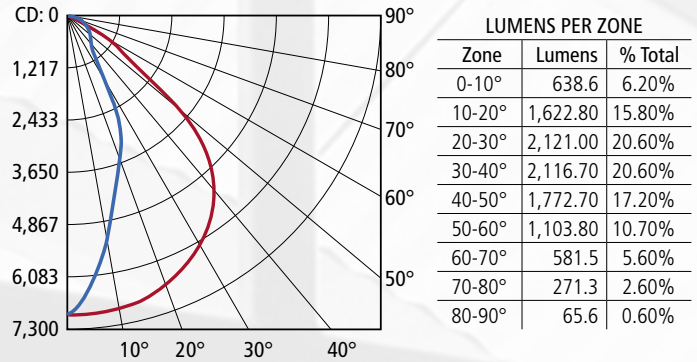
	Center Beam fc	Beam Width	
2.0 ft	1359 fc	1.8 ft	4.4 ft
4.0 ft	340 fc	3.5 ft	8.8 ft
6.0 ft	151 fc	5.3 ft	13.2 ft
8.0 ft	85 fc	7.0 ft	17.6 ft
10.0 ft	54.4 fc	8.8 ft	22.0 ft
12.0 ft	37.8 fc	10.5 ft	26.4 ft

■ = Vert. Spread: 47.4°  
■ = Horiz. Spread: 95.4°

74 ft = 1 fc maximum distance

## 4,000K, 500mA – 88W

**AFL10-LED-VF-54L4K50** ■ = 0°H ■ = 90°H



### ILLUMINANCE AT A DISTANCE

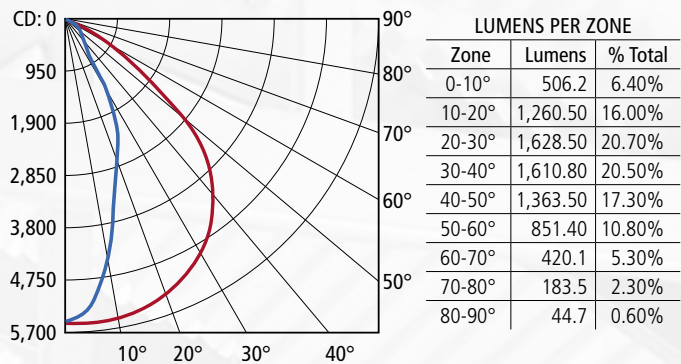
	Center Beam fc	Beam Width	
2.0 ft	1742 fc	1.8 ft	4.3 ft
4.0 ft	436 fc	3.6 ft	8.5 ft
6.0 ft	194 fc	5.4 ft	12.8 ft
8.0 ft	109 fc	7.2 ft	17.1 ft
10.0 ft	69.7 fc	9.0 ft	21.3 ft
12.0 ft	48.4 fc	10.8 ft	25.6 ft

■ = Vert. Spread: 48.6°  
■ = Horiz. Spread: 93.6°

84 ft = 1 fc maximum distance

## 5,000K, 350mA – 62W

**AFL10-LED-VF-54L5K35** ■ = 0°H ■ = 90°H



### ILLUMINANCE AT A DISTANCE

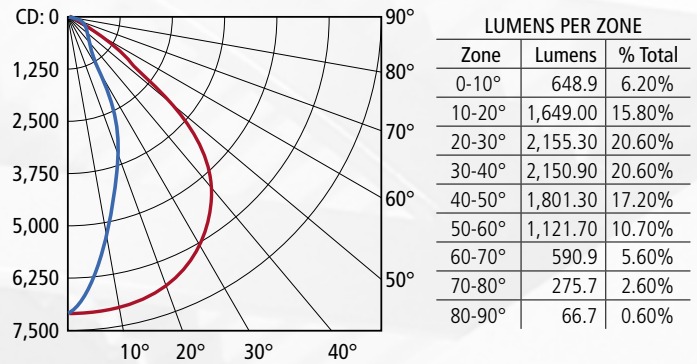
	Center Beam fc	Beam Width	
2.0 ft	1378 fc	1.8 ft	4.4 ft
4.0 ft	344 fc	3.5 ft	8.8 ft
6.0 ft	153 fc	5.3 ft	13.2 ft
8.0 ft	86.1 fc	7.0 ft	17.6 ft
10.0 ft	55.1 fc	8.8 ft	22.0 ft
12.0 ft	38.3 fc	10.5 ft	26.4 ft

■ = Vert. Spread: 51.6°  
■ = Horiz. Spread: 98.4°

74 ft = 1 fc maximum distance

## 5,000K, 500mA – 88W

**AFL10-LED-VF-54L5K50** ■ = 0°H ■ = 90°H



### ILLUMINANCE AT A DISTANCE

	Center Beam fc	Beam Width	
2.0 ft	1771 fc	1.8 ft	4.3 ft
4.0 ft	443 fc	3.6 ft	8.5 ft
6.0 ft	197 fc	5.4 ft	12.8 ft
8.0 ft	111 fc	7.2 ft	17.0 ft
10.0 ft	70.8 fc	9.0 ft	21.3 ft
12.0 ft	49.2 fc	10.8 ft	25.6 ft

■ = Vert. Spread: 46.8°  
■ = Horiz. Spread: 93.4°

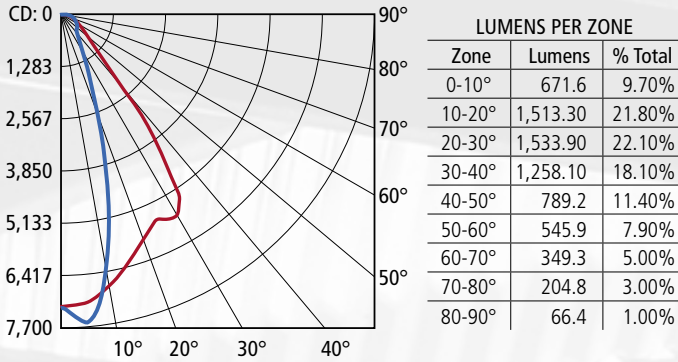
90 ft = 1 fc maximum distance



# Narrow Flood Polar Candela Distribution

## 3,000K, 350mA – 62W

**AFL10-LED-NF-54L3K35** ■ = 0°H ■ = 90°H



### ILLUMINANCE AT A DISTANCE

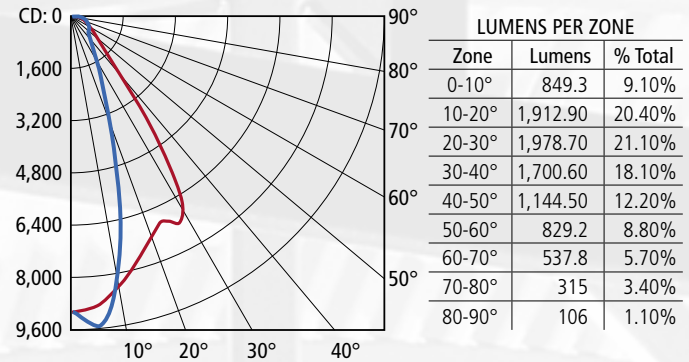
	Center Beam fc	Beam Width	
2.0 ft	1813 fc	1.2 ft	2.9 ft
4.0 ft	453 fc	2.3 ft	5.7 ft
6.0 ft	201 fc	3.5 ft	8.6 ft
8.0 ft	113 fc	4.6 ft	11.4 ft
10.0 ft	72.5 fc	5.8 ft	14.3 ft
12.0 ft	50.3 fc	6.9 ft	17.1 ft

■ = Vert. Spread: 32.2°  
■ = Horiz. Spread: 71.0°

85 ft = 1 fc maximum distance

## 3,000K, 500mA – 88W

**AFL10-LED-NF-54L3K50** ■ = 0°H ■ = 90°H



### ILLUMINANCE AT A DISTANCE

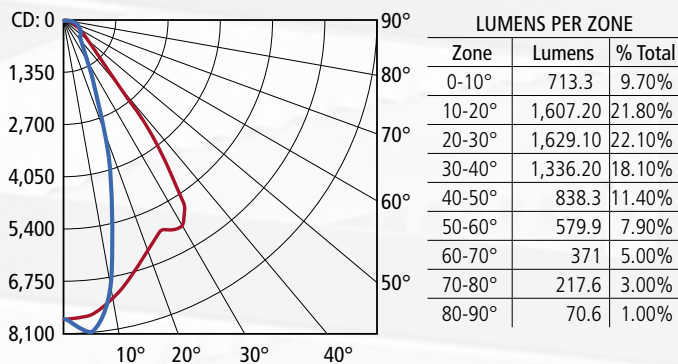
	Center Beam fc	Beam Width	
2.0 ft	2266 fc	1.2 ft	2.8 ft
4.0 ft	566 fc	2.3 ft	5.6 ft
6.0 ft	252 fc	3.5 ft	8.4 ft
8.0 ft	142 fc	4.7 ft	11.2 ft
10.0 ft	90.6 fc	5.8 ft	14 ft
12.0 ft	62.9 fc	7.0 ft	16.7 ft

■ = Vert. Spread: 32.5°  
■ = Horiz. Spread: 69.8°

97 ft = 1 fc maximum distance

## 4,000K, 350mA – 62W

**AFL10-LED-NF-54L4K35** ■ = 0°H ■ = 90°H



### ILLUMINANCE AT A DISTANCE

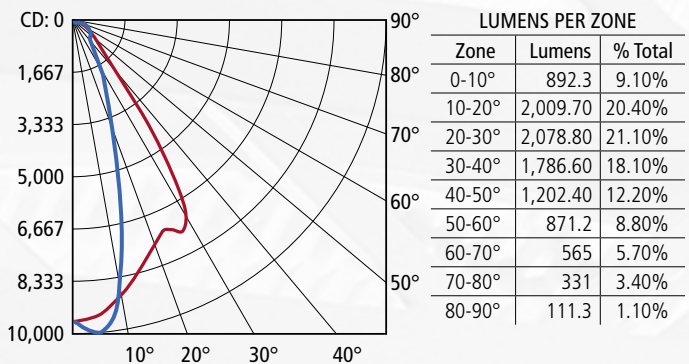
	Center Beam fc	Beam Width	
2.0 ft	1925 fc	1.2 ft	2.9 ft
4.0 ft	48 fc	2.3 ft	5.7 ft
6.0 ft	214 fc	3.5 ft	8.6 ft
8.0 ft	120 fc	4.6 ft	11.4 ft
10.0 ft	77.0 fc	5.8 ft	14.3 ft
12.0 ft	53.5 fc	6.9 ft	17.1 ft

■ = Vert. Spread: 32.2°  
■ = Horiz. Spread: 71.0°

88 ft = 1 fc maximum distance

## 4,000K, 500mA – 88W

**AFL10-LED-NF-54L4K50** ■ = 0°H ■ = 90°H



### ILLUMINANCE AT A DISTANCE

	Center Beam fc	Beam Width	
2.0 ft	2381 fc	1.2 ft	2.8 ft
4.0 ft	595 fc	2.3 ft	5.6 ft
6.0 ft	165 fc	3.5 ft	8.4 ft
8.0 ft	149 fc	4.7 ft	11.2 ft
10.0 ft	95.2 fc	5.8 ft	14.0 ft
12.0 ft	66.1 fc	7.0 ft	16.7 ft

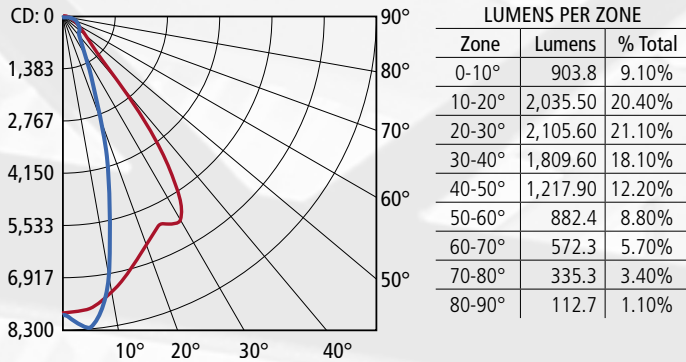
■ = Vert. Spread: 32.5°  
■ = Horiz. Spread: 69.8°

98 ft = 1 fc maximum distance

# Narrow Flood Polar Candela Distribution (cont.)

5,000K, 350mA – 62W

AFL10-LED-NF-54L5K35 ■ = 0°H ■ = 90°H



ILLUMINANCE AT A DISTANCE

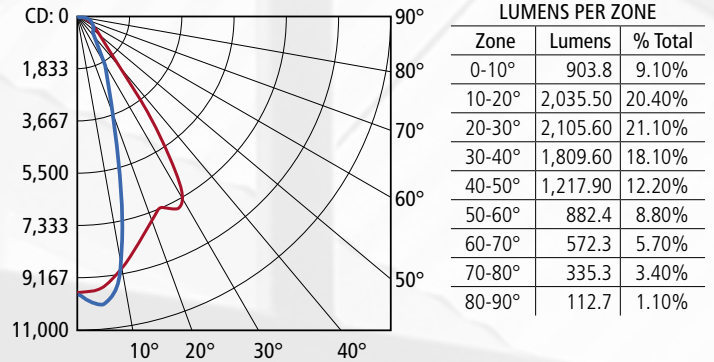
	Center Beam fc	Beam Width	
2.0 ft	2411 fc	1.2 ft	2.8 ft
4.0 ft	603 fc	2.3 ft	5.6 ft
6.0 ft	268 fc	3.5 ft	8.4 ft
8.0 ft	151 fc	4.7 ft	11.2 ft
10.0 ft	96.4 fc	5.8 ft	14.0 ft
12.0 ft	67 fc	7.0 ft	16.7 ft

■ = Vert. Spread: 32.5°  
 ■ = Horiz. Spread: 69.8°

89 ft = 1 fc maximum distance

5,000K, 500mA – 88W

AFL10-LED-NF-54L5K50 ■ = 0°H ■ = 90°H

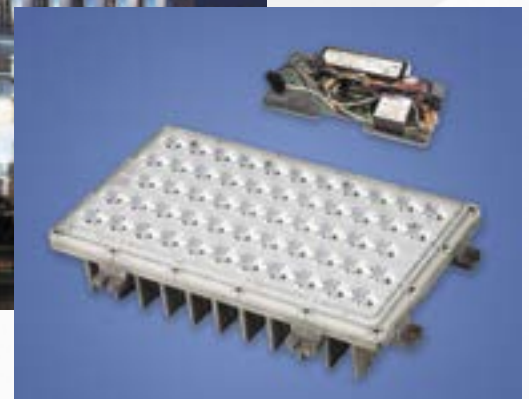


ILLUMINANCE AT A DISTANCE

	Center Beam fc	Beam Width	
2.0 ft	2411 fc	1.2 ft	2.8 ft
4.0 ft	603 fc	2.3 ft	5.6 ft
6.0 ft	268 fc	3.5 ft	8.4 ft
8.0 ft	151 fc	4.7 ft	11.2 ft
10.0 ft	96.4 fc	5.8 ft	14.0 ft
12.0 ft	67 fc	7.0 ft	16.7 ft

■ = Vert. Spread: 28.0°  
 ■ = Horiz. Spread: 72.2°

98 ft = 1 fc maximum distance



The AFL10 LED Upgrade Kit (**AFL10-LED-KIT**) is available. See [http://www.kimlighting.com/content/products/specs/specs\\_files/kl\\_afl10\\_ledkit\\_spec.pdf](http://www.kimlighting.com/content/products/specs/specs_files/kl_afl10_ledkit_spec.pdf) for ordering.



# AFL10 LED Architectural Floodlight



## AFL10 LED ORDERING CODE

AFL10-LED								
Fixture	Distribution	# LED's	CCT	Drive Current	Voltage	Color	Mounting	Photocell Options
	<b>WF</b> Wide Flood <b>VF</b> Vertical Flood <b>NF</b> Narrow Flood	<b>54</b> 54 LEDs	<b>3K</b> 3000K <b>4K</b> 4000K <b>5K</b> 5000K	<b>35</b> 350mA <b>50</b> 500mA	<b>UV</b> 120-277V <b>347</b> 347V <b>480</b> 480V	<b>BL</b> Black <b>DB</b> Dark Bronze <b>LG</b> Light Gray <b>PS</b> Platinum Silver <b>TT</b> Titanium <b>WH</b> White <b>CC</b> Custom Color	<b>HDS</b> Heavy Duty Swivel	<b>A30</b> 120V Button Photocell <b>A31</b> 208V Button Photocell <b>A32</b> 240V Button Photocell <b>A33</b> 277V Button Photocell <b>A34</b> 480V Button Photocell <b>A35</b> 347V Button Photocell
Fuse Options	Accessories			CFA Extrusion Color	CFA Filter Lens Color			
<b>SF</b> 120, 277, 347 Line Volts <b>DF</b> 208, 240, 480 Line Volts	<b>BD</b> Barn Doors <b>FH</b> Fixed Hood <b>FS</b> Full Shield <b>CFA</b> Color Filter Assembly <b>JBR2/3/21/24</b> Brass In-Grade Architectural J-Box <b>JBR30</b> Brass In-Grade Staked J-Box <b>SM18</b> Stanchion Mount <b>J-27N</b> Surface Mount <b>WM</b> Wall or Ceiling Mount <b>JB1</b> Architectural J-Box	<b>WM1/WEB</b> Wall Mount <b>SPM-X</b> Side Pole Mount <b>TM2</b> Twin Mount <b>PT</b> Post Top Mount <b>PT2</b> Twin Post Top Mount <b>SMT</b> Surface Mount Tenon <b>SM2</b> Stanchion Mount Tenon <b>WM2/WEB</b> Wall Mount Tenon <b>SPT-X</b> Side Pole Mount Tenon <b>M2B</b> Twin Mount Tenon <b>M3E</b> Triple Mount Tenon	<b>BL</b> Black <b>DB</b> Dark Bronze <b>LG</b> Light Gray <b>PS</b> Platinum Silver <b>TT</b> Titanium <b>WH</b> White <b>CC</b> Custom Color	<b>15</b> Deep Straw <b>5</b> Rose Tint <b>27</b> Medium Red <b>69</b> Brilliant Blue <b>91</b> Primary Green				

## AFL10 LED UPGRADE KIT ORDERING CODE

AFL10-LED-KIT					
Fixture	Distribution	# LED's	CCT	Drive Current	Voltage
	<b>WF</b> Wide Flood <b>VF</b> Vertical Flood <b>NF</b> Narrow Flood	<b>54</b> 54 LEDs	<b>3K</b> 3000K <b>4K</b> 4000K <b>5K</b> 5000K	<b>35</b> 350mA <b>50</b> 500mA	<b>UV</b> 120-277V <b>347</b> 347V <b>480</b> 480V

