

# 1254

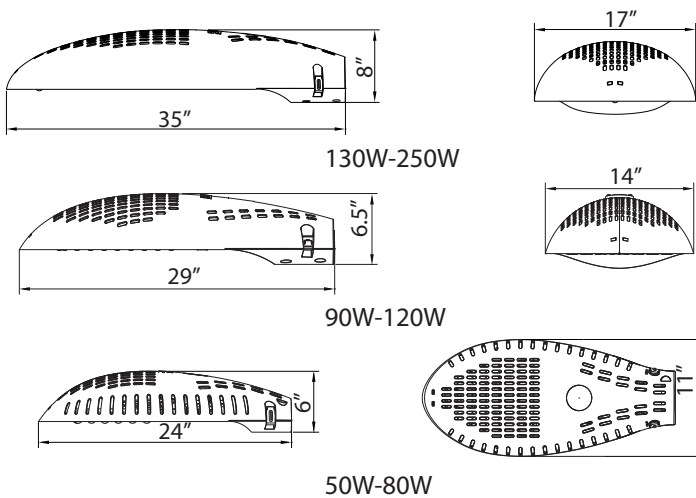
TWELVE FIFTY FOUR INDUSTRIES

## COBRAHEAD ROAD LIGHT 12FX-COBS-LED-100

### Product Description

Ceramic Pixel Cobra Head Road Light is based on the latest LED technology. Integrated ceramic cooling material reduce the traditional PCB thermal resistance, heat dissipation is more direct. Equipped with snap-type lens, protection is more reliable. It has a unique structural design convenient for installation and maintenance. This product has the advantages of being efficient, secure, energy-saving, environmental friendly, making it your best choice for modern road lighting.

### Dimensions



### Features & Benefits

- Ceramic body, no PCB board, providing excellent heat sinking efficiency
- Different lens models providing evenly distributed illumination for different road layout.
- Modularized design, easy to install and maintain, saves time and cost
- Independent waterproof seal structure to avoid the seal cavity is too large, decreasing the difficulty of waterproof
- Shock proof lamp
- Multiple optical lens available for different road requirements
- Honeycomb design ensures excellent cooling performance



### Specifications

Input Voltage:	90-305VAC
Current:	800mA
LED Chip:	Nichia 219C
Efficacy:	120lm/W-4000K/ 5000K 110lm/W- 3000K
Power Factor:	≥0.95
Surge Protection:	10KV
CCT:	4000K/ 5000K
THD:	<15%
Control:	2.4GHz (Zigbee) 0-10V / 7- PIN NEMA Receptacle
CRI:	Ra70
IP Rating:	IP66
Color:	White (RAL9010) Silver (RAL9006) Grey (P8121)
Lifetime:	150,000 hours to 70% Lumen maintenance (at 25°C)
Operating Temperature:	-40°C - 55°C
Operating Humidity:	10% - 95% RH

### Certifications



# 1254

TWELVE FIFTY FOUR INDUSTRIES

## COBRAHEAD ROAD LIGHT 12FX-COBS-LED-100

Lens Model

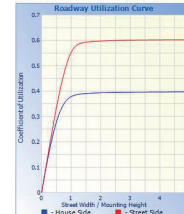
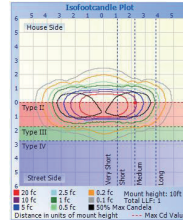
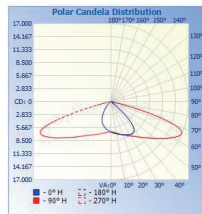
Polar Distribution

Isolux Plot

Roadway Utilization Curve

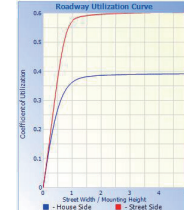
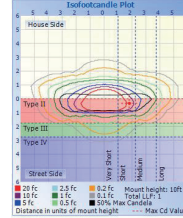
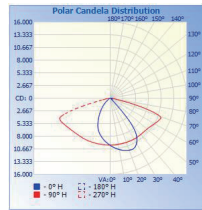
**K01**

Type II short



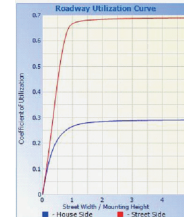
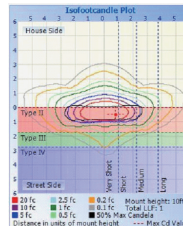
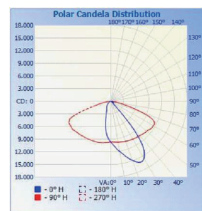
**K05**

Type I short



**KB**

Type I very short



Also Available:

**K14** Type V lens

**K10** Type IV lens

**K30/ K37** Type III lens

12FX-COBS-LED-100 -      -      -      -      -      -     

2     3     4     5     6     7

### Ordering Information

**EXAMPLE: 12FX-COBS-LED-100 - 40 - 1 - KD1 - GR - D**

1. Product Series	2. Wattage	3. Color Temperature	4. Input Voltage	5. Optic	6. Enclosure	7. Accessories
12FX-COBS-LED-100	50 = 50W	40 = 4000K	1 = 90~305VAC	KD1	WH = White (RAL9010)	NA - None
COBRAHEAD ROAD LIGHT	60 = 60W	50 = 5000K		KDS	SL = Silver (RAL9006)	D - Dimming
	80 = 80W			KB	GR = Grey (P8121)	P - Photocell
	90 = 90W			K14		7 - 7-PIN
	120 = 120W			K10		N - NEMA
	130 = 130W			K30/K37		R- Receptable
	150 = 150W					2 - 2.4G
	160 = 160W					
180 = 180W						
250 = 250W						