

# FOREST HARVESTER

For Agricultural Applications



## LED | LIGHTING CATALOG





# ENGINEERED LIGHTING SOLUTIONS

**Vision X lighting** fixtures are not merely lighting systems, they are engineered lighting solutions. They provide increased efficiency, increased safety, decreased environmental impact, and decreased costs. Vision X LED lights offer a large increase in energy efficiency over older technologies while also increasing the safety and productivity of the working environment by outputting 80% more light than the fixtures used previously.



## SOLUTION PROCESS



### 2D BLUEPRINT

Vision X Lighting begins each project with a customer provided list of machines to be retrofitted, then gathers the technical information for those machines.



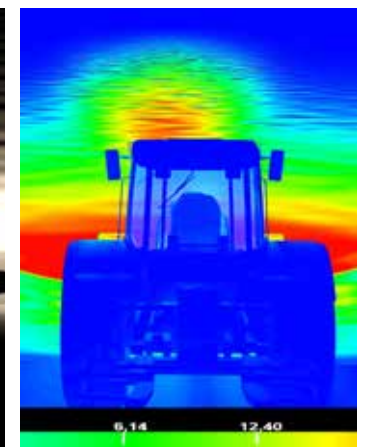
### 3D MODEL

A 3D model is built to the customer's specifications, then carried over into the rendering.



### SIMULATION RENDER

A simulation rendering ensures the final product will meet the customer's lighting requirements.



### SOLUTION

Vision X Lighting creates a complete breakdown of the customer's specific needs to meet their safety requirements.





# DURALUX 4 SERIES

## Product Information

Project Name:  
Date:  
Type:

### DESCRIPTION

The Duralux series combines a tough compact housing with ultra bright Cree LEDs to make a versatile medium duty work light. Offered in multiple beam patterns and flush mounting options, the Duralux series light can tackle any work light application. Available as single or 2 Light Kit complete with wiring harness.

- Features and Benefits:
- Compact and Durable Die-Cast Housing Construction
  - Ultra Bright 5W Cree LEDs
  - Multiple Beam Pattern Options
  - Multi-Volt 11-65V Input

### SPECIFICATIONS

#### MECHANICAL:

Fixture Weight:	1.68lbs (0.76kg)
Shipping Weight:	3.2lbs (1.45kg)
Mounting:	8mm Stud Mounting

#### TECHNICAL:

LED:	(4) 5W Cree
Lumens:	2,112lm
Beam Pattern:	10°, 40°, 60°
Wattage:	20W
Amp Draw:	1.67A @ 12V
Color Temperature:	6000K
Operating Voltage:	11-65V DC
Operating Temp:	-40°C ~ 85°C
Lifespan:	50,000 hrs
EMC:	IEC 62471 : 2006 EN 55015 : 2013 EN 61000-3-2 : 2014 EN 61000-3-2 : 2013 EN 61547 : 2009
Load Dump:	500V Surge 4000V Impulse
Polarity:	Reverse Polarity Protection
Electronic Thermal Management:	Full output @ 40°C 10% Dimmed @ 60°C 20% Dimmed @ 85°C
Connector:	2 Pin Deutsch

#### HOUSING:

Housing Material:	Aluminum
Lens:	Polycarbonate
Finish:	Marine Grade Gloss Black

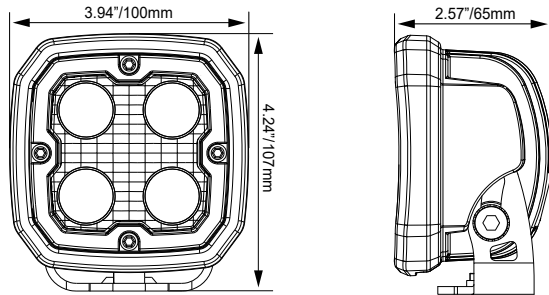
#### RATINGS:

Ingress Protection:	IP-68, IP69k
Vibration Rating:	21.2 Grms
Shock Rating:	60 G
Salt Spray:	ISO 9227

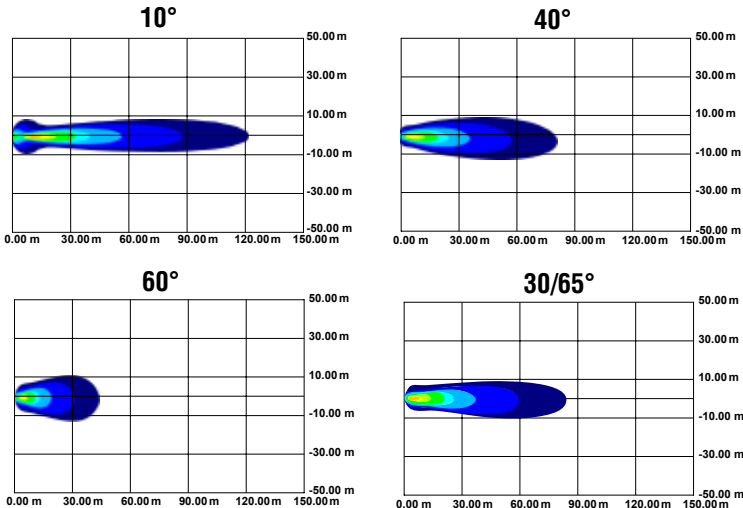


ITEM #:	PART#	BEAM PATTERN
DURA-410	9891132	10°
DURA-410KIT	9891187	10°
DURA-440	9141619	40°
DURA-440KIT	9892672	40°
DURA-460	9141527	60°
DURA-460KIT	9892689	60°

#### 2D DRAWING:



#### BEAM PATTERNS:



# DURALUX 6 SERIES

## Product Information

Project Name:  
Date:  
Type:

### DESCRIPTION

The Duralux series combines a tough compact housing with ultra bright Cree LEDs to make a versatile medium duty work light. Offered in multiple beam patterns and flush mounting options, the Duralux series light can tackle any work light application. Available as single or 2 Light Kit complete with wiring harness.

- Features and Benefits:
- Compact and Durable Die-Cast Housing Construction
  - Ultra Bright 5W Cree LEDs
  - Multiple Beam Pattern Options
  - Multi-Volt 11-65V Input

### SPECIFICATIONS

#### MECHANICAL:

Fixture Weight:	2.63lbs (1.19kg)
Shipping Weight:	4.2lbs (1.91kg)
Mounting:	8mm Stud Mounting

#### TECHNICAL:

LED:	(6) 5W Cree
Lumens:	3,696lm
Beam Pattern:	10°, 40°, 60°
Wattage:	30W
Amp Draw:	2.5A @ 12V
Color Temperature:	6000K
Operating Voltage:	11-65V DC
Operating Temp:	-40°C ~ 85°C
Lifespan:	50,000 hrs
EMC:	IEC 62471 : 2006 EN 55015 : 2013 EN 61000-3-2 : 2014 EN 61000-3-2 : 2013 EN 61547 : 2009
Load Dump:	500V Surge 4000V Impulse
Polarity:	Reverse Polarity Protection
Electronic Thermal Management:	Full output @ 40°C 10% Dimmed @ 60°C 20% Dimmed @ 85°C
Connector:	2pin Deutsch

#### HOUSING:

Housing Material:	Aluminum
Lens:	Polycarbonate
Finish:	Marine Grade Gloss Black

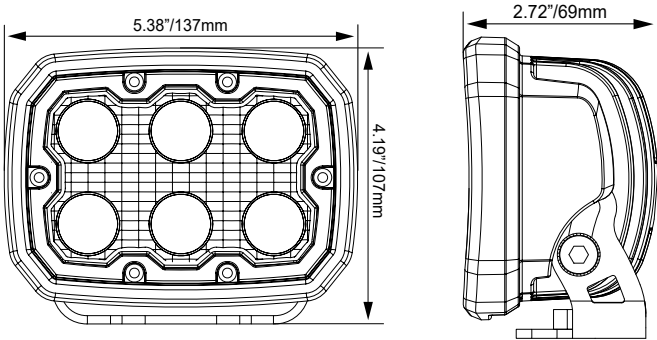
#### RATINGS:

Ingress Protection:	IP-68, IP69k
Vibration Rating:	21.2 Grms
Shock Rating:	60 G
Salt Spray:	ISO 9227

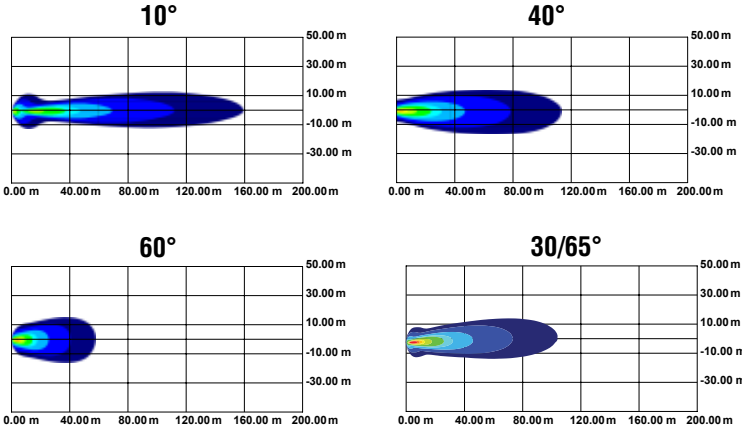


ITEM #:	PART#	BEAM PATTERN
DURA-610	9891125	10°
DURA-610KIT	9891309	10°
DURA-640	9888378	40°
DURA-640KIT	9892696	40°
DURA-660	9888385	60°
DURA-660KIT	9892702	60°

#### 2D DRAWING:



#### BEAM PATTERNS:





# XMITTER PX SERIES

## Product Information

Project Name:  
Date:  
Type:

### DESCRIPTION

Since the Xmitter Prime Xtreme was first launched, it has held the title of “Most Raw Lumens Per Inch”. Pumping out nearly 1,000 raw lumens per inch, the Xmitter Prime Xtreme is unmatched in terms of effective power and performance.

- Features and Benefits:
- Dual Row High Output Cree LED
  - Waterproof Housing
  - End Cap Mounting Option
  - Integrated Electronic Thermal Management

### SPECIFICATIONS 30” PX LIGHT BAR

#### MECHANICAL:

Fixture Weight:	14.55lbs (6.6 kg)
Shipping Weight:	16.26lbs (7.38kg)
Mounting:	Trunnion

#### TECHNICAL:

LED:	5W XP-G2 Cree LEDs
Raw Lumens:	28,512 lm
Effective Lumens:	19,980 lm
Beam Pattern:	40°
Wattage:	270W
Amp Draw:	22.50A
Color Temperature:	6000K
Operating Voltage:	9-32V DC
Operating Temp:	-40°C ~ 80°C
Lifespan:	50,000 hrs
Polarity:	Reverse Polarity Protection
Connector:	2 Pin Deutch with Plug-and-Play Harness

#### CONSTRUCTION:

Housing Material:	6061 Aluminum
Lens:	Polycarbonate
Finish:	Gloss Black

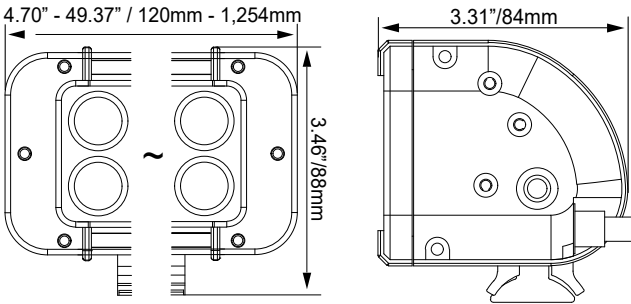
#### RATINGS:

Ingress Protection:	IP68
Vibration Rating:	15.6 Grms
Warranty:	Extended

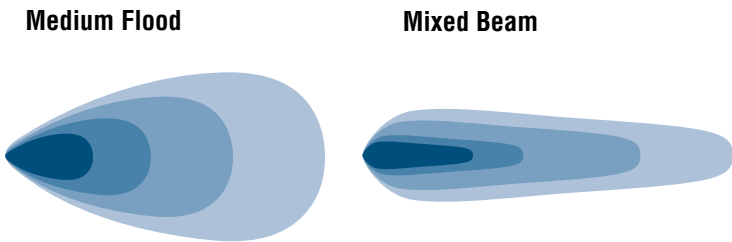


ITEM #:	PART#	LENGTH	BEAM PATTERN	WATTS
XIL-PX640	9117492	5"	Medium Flood	30W
XIL-PX1240	9115696	8"	Medium Flood	60W
XIL-PX1840	9115870	11"	Medium Flood	90W
XIL-PX3040	9116952	18"	Medium Flood	150W
XIL-PX3640	9117133	20"	Medium Flood	180W
XIL-PX5440	9117317	30"	Medium Flood	270W
XIL-PX6M	9894850	5"	Mixed Beam	30W
XIL-PX12M	9894751	8"	Mixed Beam	6W
XIL-PX18M	9887890	11"	Mixed Beam	90W
XIL-PX30M	9123431	18"	Mixed Beam	150W
XIL-PX36M	9894836	20"	Mixed Beam	180W
XIL-PX54M	9153223	30"	Mixed Beam	270W

#### 2D DRAWING:



#### BEAM PATTERNS:



# XMITTER LPX SERIES

## Product Information

Project Name:  
Date:  
Type:

### DESCRIPTION

The Low Profile Prime XP is compact with a height of only 2.06" for a slim fit with outstanding 5watt LED light output. Available in multiple beam configurations. The Low Profile Prime XP Series also makes use of Prime Drive Technology, which manages heat levels to prolong the life of the LEDs.

- Features and Benefits:
- New Xtreme LED Produces Nearly Twice the Light
  - Waterproof Housing
  - End Cap Mounting Option
  - PWM Integrated Dimming Circuitry

### SPECIFICATIONS 31” LPX LIGHT BAR

#### MECHANICAL:

Fixture Weight:	6.05lbs (2.74 kg)
Shipping Weight:	7.35lbs (3.33kg)
Mounting Depth:	1.00"/25.4 mm

#### TECHNICAL:

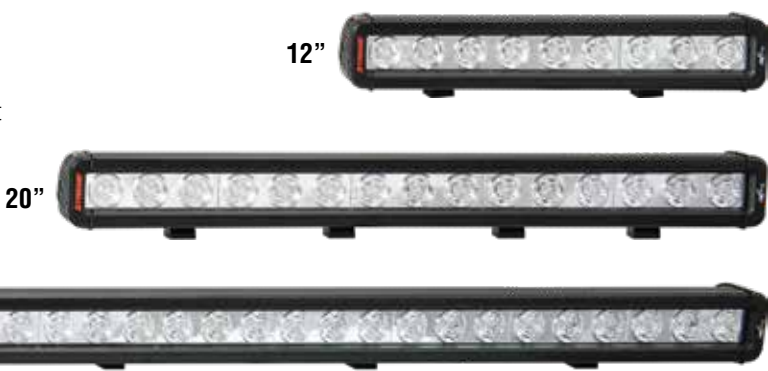
LED:	5W XP-G2 Cree LEDs
Raw Lumens:	11,832 lm
Effective Lumens:	8,282 lm
Beam Pattern:	40°
Wattage:	120W
Amp Draw:	10A
Color Temperature:	6000K
Operating Voltage:	9-32V DC
Operating Temp:	-40°C ~ 80°C
Lifespan:	50,000 hrs
Polarity:	Reverse Polarity Protection
Connector:	2 Pin Deutch with Plug-and-Play Harness

#### CONSTRUCTION:

Housing Material:	6061 Aluminum
Lens:	Polycarbonate
Finish:	Gloss Black

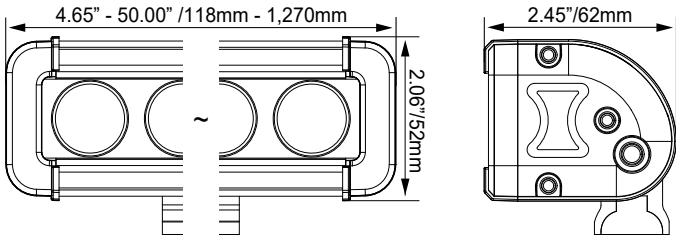
#### RATINGS:

Ingress Protection:	IP68
Vibration Rating:	15.6 Grms
Warranty:	Extended

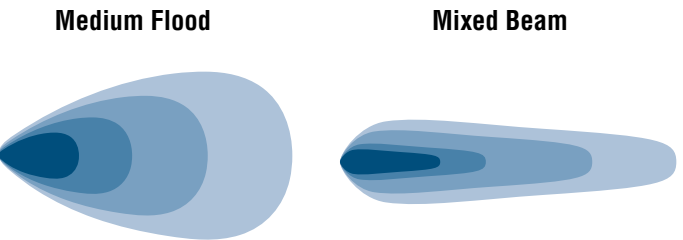


ITEM #:	PART#	LENGTH	BEAM PATTERN	WATTS
XIL-LPX340	4000766	5"	Medium Flood	15W
XIL-LPX640	9120737	8"	Medium Flood	30W
XIL-LPX940	4000780	12"	Medium Flood	45W
XIL-LPX1540	9114705	20"	Medium Flood	75W
XIL-LPX1840	9114880	24"	Medium Flood	90W
XIL-LPX2440	9132884	31"	Medium Flood	120W
XIL-LPX6M	9153407	8"	Mixed Beam	30W
XIL-LPX9M	9928609	12"	Mixed Beam	45W
XIL-LPX15M	9897042	20"	Mixed Beam	75W
XIL-LPX18M	9137025	24"	Mixed Beam	90W
XIL-LPX24M	9889351	31"	Mixed Beam	120W

#### 2D DRAWING:



#### BEAM PATTERNS:







# UMX SERIES

## Product Information

Project Name:  
Date:  
Type:

### DESCRIPTION

Serving as an OE Fog light upgrade or scene light, the Utility Market Xtreme Series delivers increased output and a smoother beam pattern over comparable halogen fixtures. The UMX is offered in two different housing options and three different beam pattern configurations.

- Features and Benefits:
- Convection Vertical Heat Sink Design
  - Reduced Energy Consumption
  - Die-Cast Aluminum Housing



### SPECIFICATIONS Utility Market Extreme Light

#### MECHANICAL:

Fixture Weight:	2.65lbs (1.2 kg)
Shipping Weight:	3.56lbs (1.61 kg)
Mounting:	Single Bolt M6

#### TECHNICAL:

LED:	5W XP-G2 Cree LEDs
Raw Lumens:	3,451 lm
Effective Lumens:	2,202 lm
Beam Pattern:	10°, 40°, 60°
Wattage:	35W
Amp Draw:	2.92A
Operating Voltage:	11-65V DC
Operating Temp:	-40°C ~ 80°C
Color Temperature:	6000K
Lifespan:	50,000 hrs
Polarity:	Reverse Polarity Protection
Connector:	2 Pin Deutsch

#### CONSTRUCTION:

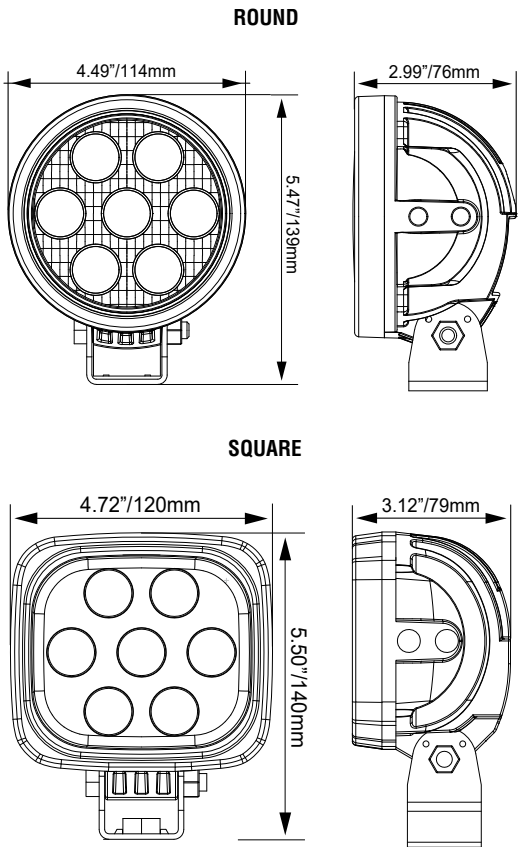
Housing Material:	6061 Aluminum
Housing Shape:	4.5" Round   4.7" Square
Lens:	Polycarbonate
Finish:	Gloss Black

#### RATINGS:

Ingress Protection:	IP-68, IP69k
Vibration Rating:	21.2 Grms
Warranty:	3 Years for Commercial Markets

ITEM #:	PART#	HOUSING	BEAM PATTERN
XIL-UMX4010	4004719	Round	10°
XIL-UMX4040	9118215	Round	40°
XIL-UMX4060	9118307	Round	60°
XIL-UMX4410	4004726	Square	10°
XIL-UMX4440	9118390	Square	40°
XIL-UMX4460	9118482	Square	60°

#### 2D DRAWING:







# HEAVY DUTY BEACON SERIES

## Product Information

Project Name:  
Date:  
Type:

### DESCRIPTION

The 18 LED Beacons come standard in a 6hz split cycle strobe pattern, meaning there's three flashes and a pause per second. When coupled with the reflectors, the heavy duty strobes become intense and are highly visible. In areas where safety is key, LED Lighting is one of the safest options for alerting someone of a dangerous piece of moving equipment.

- Features and Benefits:
- Rugged Die-Cast Aluminum Housing
  - 180 LEDs Create 360° Visibility
  - Amber, Red, Blue, Green or White LEDs
  - Two Modes: Simulated Rotation or Flashing Functions

### SPECIFICATIONS

MECHANICAL:	
Fixture Weight:	2.96 lbs (1.34kg)
Shipping Weight:	4.88 lbs (2.21kg)
Mounting:	Single Bolt M10

TECHNICAL:	
LED:	5050 (0.2W)/ 180LED
Color:	Red, Green, Blue, Amber, White
Lumens:	2,520 lm
Wattage:	36W
Amp Draw:	3.0A @12V   1.5A@24V
Operating Voltage:	12-32V DC
Operating Temperature:	-40°C ~ 80°C
Lifespan:	50,000 hrs
Connector:	3 Pin Deutsch

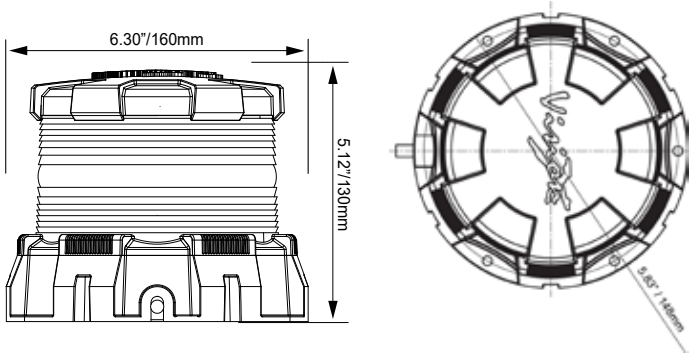
CONSTRUCTION:	
Housing:	Die-Cast 6061 Aluminum
Housing Color:	Black
Lens:	Polycarbonate
Surface Mounting:	5 x 5.5mm diameter on 148mm Bolt Circle
Pole Mounting:	3/4" NPT Female Input

RATINGS:	
EMC Emission:	CISPR 25
Ingress Protection:	IP-68, IP69k
Vibration Rating:	15.6 Grms
Warranty:	3 Years

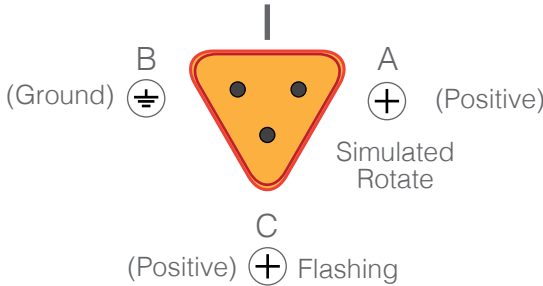


PART #:	COLOR
MIL-HDBR	Red
MIL-HDBG	Green
MIL-HDBB	Blue
MIL-HDBA	Amber
MIL-HDBW	White

### 2D DRAWING:



### WIRING:



# SOLO POD SERIES

## Product Information

Project Name:  
Date:  
Type:

### DESCRIPTION

Compact yet powerful, the Solo Pod Series from Vision X provides intense light output from a small housing. The Solstice Solo excels at multiple applications thanks to the wide selection of different beam patterns.

- Features and Benefits:
- Omni-Link Interlocking System
  - Die-Cast Aluminum Housing
  - Multiple Beam Patterns

### SPECIFICATIONS Solstice Solo Model

MECHANICAL:	
Fixture Weight:	0.76lbs (0.34kg)
Shipping Weight:	2.1 lbs (0.95kg)
Mounting:	Single Bolt M6

TECHNICAL:	
LED:	5050 (0.2W)/ 180LED
Raw Lumens:	1,052 lm
Effective Lumens:	602 lm
Wattage:	10W
Amp Draw:	0.83A @12V
Operating Voltage:	9-32V DC
Operating Temperature:	-40°C ~ 80°C
Polarity:	Reverse Polarity Protection
Lifespan:	50,000 hrs
Connector:	2 Pin Deutsch

CONSTRUCTION:	
Housing Material:	6061 Aluminum
Lens:	Polycarbonate
Finish:	Gloss Black

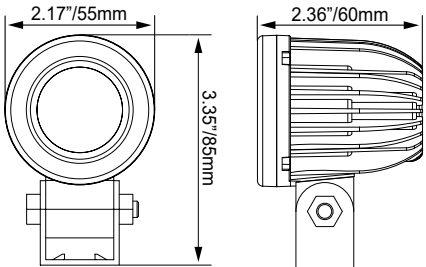
RATINGS:	
EMC Emission:	CISPR 25
Ingress Protection:	IP-68
Vibration Rating:	15.6 Grms
Warranty:	3 Years



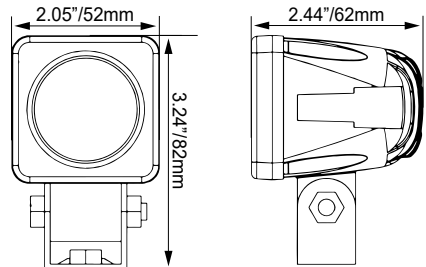
ITEM #:	PART#	MODEL	BEAM PATTERN
XIL-SP1110	4008830	Solstice Solo Prime	10°
XIL-SP120	4009882	Solstice Solo Prime	20°
XIL-SP140	4009899	Solstice Solo Prime	40°
XIL-S1110	9888156	Solstice Solo	10°
XIL-S1130	9888163	Solstice Solo	30°
XIL-S11E3065	9888187	Solstice Solo	30/65°
XIL-S1160	9888170	Solstice Solo	60°
XIL-MX110	9113531	Mini Solo	10°
XIL-MX140	9113715	Mini Solo	40°
XIL-MX160	9113807	Mini Solo	60°

### 2D DRAWING:

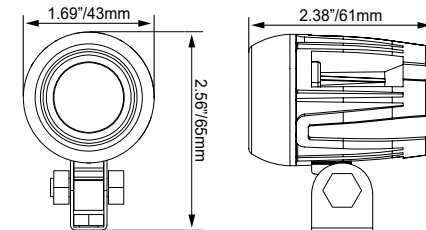
PRIME MODEL



SOLSTICE MODEL



MINI MODEL





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