



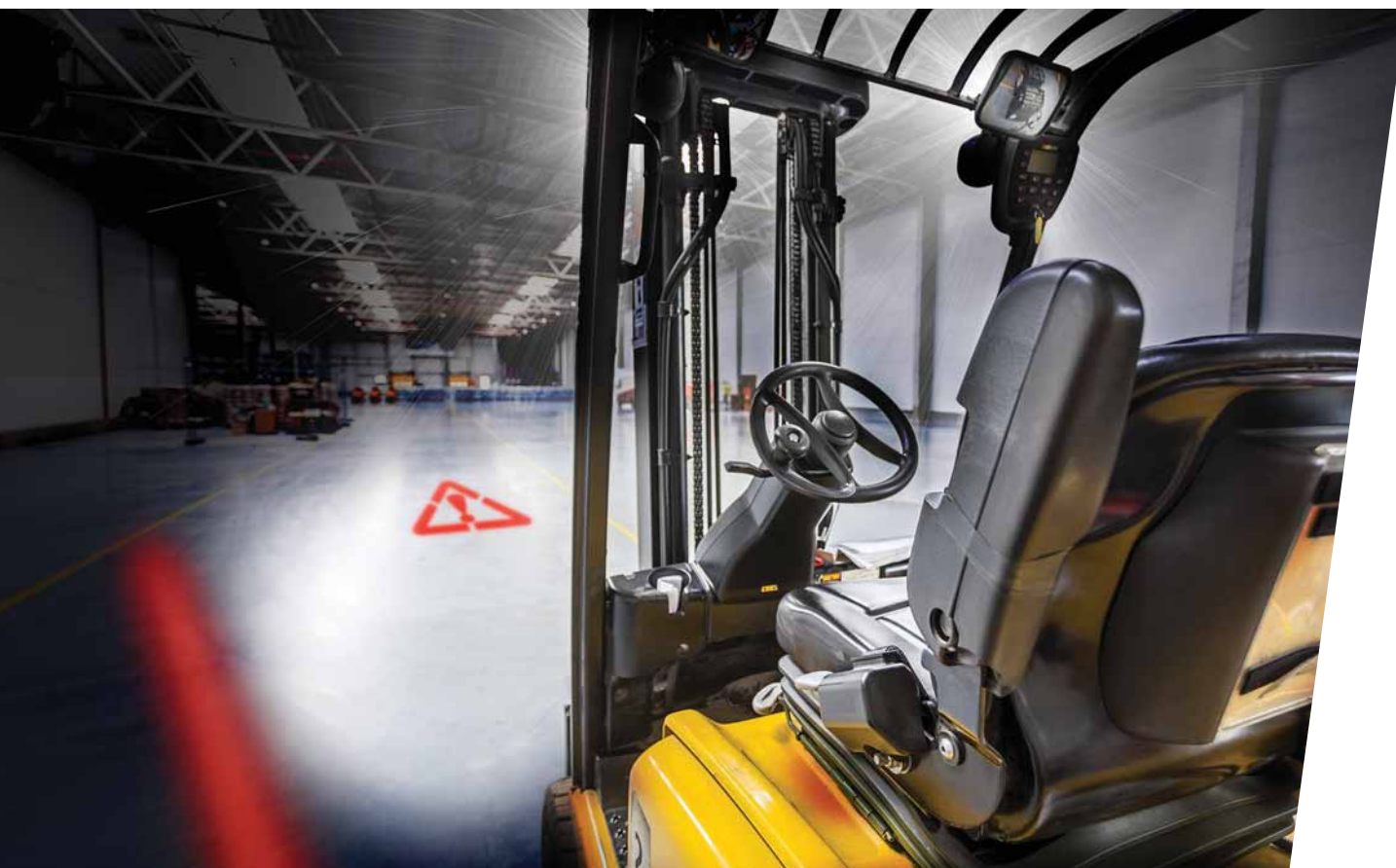
MATERIALS HANDLING

CATALOGUE

2nd Edition

LED Lighting

Headlights //
Worklights //
Emergency
Lighting //
Signal Lighting //
Zone Lighting //





CATALOGUE CONTENTS

LED Headlights



OEM BOBCAT
Bobcat Headlight Replacement
Page 4



MODEL 9900LP
3¼" x 13" Snow Plow Headlights
Page 5

LED Worklights



MODEL 4415
3½" Worklights
Page 6



MODEL 4415
3½" Worklights - Mirror Mount Kit
Page 7



MODEL 792
4" x 3" Worklights
Page 8



MODEL 892
4" x 4" Worklights
Page 9



MODEL 893
8" x 3" Worklight
Page 10

LED Emergency Lighting



MODEL 146
65mm Amber Warning Light
Page 11



MODEL 406
5" Strobe Lights - Class 2
Page 12



MODEL 407
5" Strobe Lights - Class 1
Page 13



MODEL 210
Solar Flasher & Warning Lights
Page 14



MODEL 6048
5" x 2" Four Colour Warning Light
Page 15

LED Signal Lighting



MODEL 281
9" x 2" Multi-Function Lights
Page 16



MODEL 283
9" x 2" Multi-Function Light
Page 17

LED Zone Lighting



MODEL 770
5" x 3" Zone Lights - Dot
Page 18 - 19



MODEL 4415
3½" Zone Lights - Dot
Page 20 - 21



MODEL 793
6" x 2" Zone Lights - Line
Page 22 - 23



MODEL 529
19" x 2½" Zone Lights - Line
Page 24 - 25



MODEL 527
10" x 5" Zone Lights - Area
Page 26 - 27



MODEL 777 GEN 2
4" Zone Lights - Arc
Page 28 - 29



MODEL 560
6" x 4½" Zone Lights - Pattern
Page 30 - 31

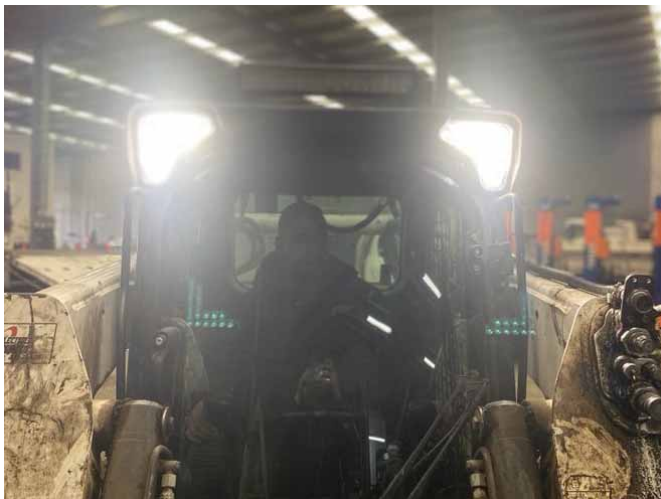
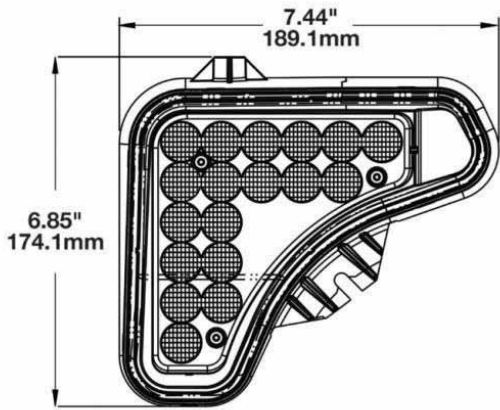
OEM BOBCAT

LED HEADLIGHT REPLACEMENT KIT

PART NO:
0557613

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 1728 Effective: 1050
Input Voltage:	12V DC
Current Draw:	1.50A @ 12V DC
Lens Material:	Polycarbonate
Body Material:	Nylon
Connector:	OEM Bobcat Connection (PE 12124819)
OEM Headlight Replacement:	Left Side: 7251341, 7138041 & 7399583 Right Side: 7251340, 7138040 & 7399582
Standards:	Sealed to IP67
Weight:	530 grams per light
Pack Qty:	Twin (Left & Right)



MODEL 9900LP

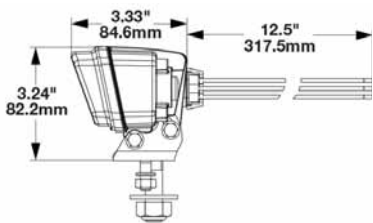
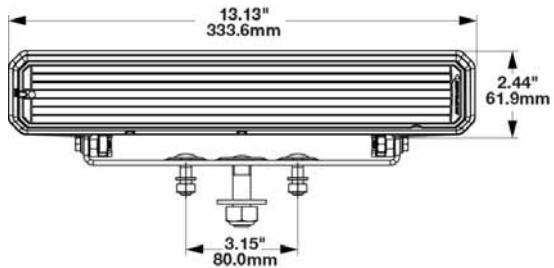
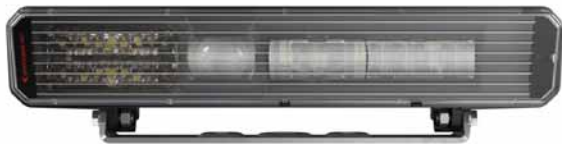
3¼" x 13" SNOW PLOW HEADLIGHTS

Low Beam | High Beam | Turn | Park | DRL
WITH HEATED LENS

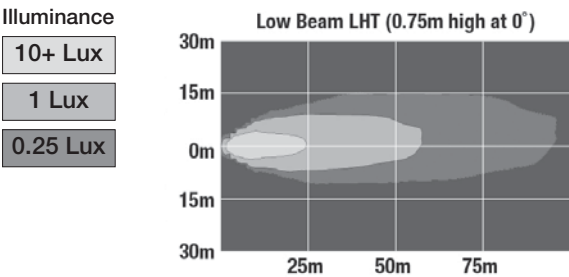
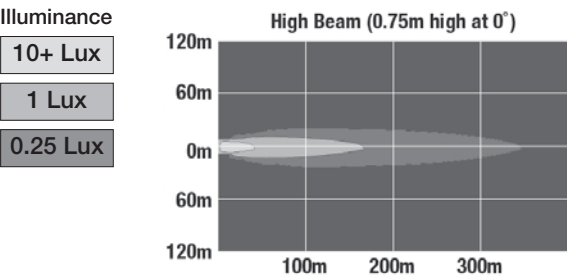
PART NO:
0556383

PRODUCT SPECIFICATIONS

Colour Temp:	White 5000K
Lumen Output:	Raw: 4,300 (High); 2,370 (Low) Effective: 1,060 (High); 587 (Low)
Input Voltage:	12V - 24V DC
Maximum Current Draw:	5.00A @ 12V DC
Bezel:	Black
Lens Material:	Polycarbonate with SmartHeat technology
Body Material:	Aluminium
Mounting:	Universal Pedestal Mount
Connector:	6-Pin Delphi (#12052848)
Wiring:	Black Wire: Ground Yellow Wire: Low Beam White Wire: High Beam Red Wire: Park (Front Position) Blue Wire: Daytime Running Light Orange: Turn
Standards:	Sealed to IP67 ECE Reg 10 (Radiated Emissions Only) ECE Reg 6, 7, 87 & 112
Weight:	1.26kg per light
Pack Qty:	Twin (Left & Right)



EFFECTIVE LUMENS ISOLUX CHARTS

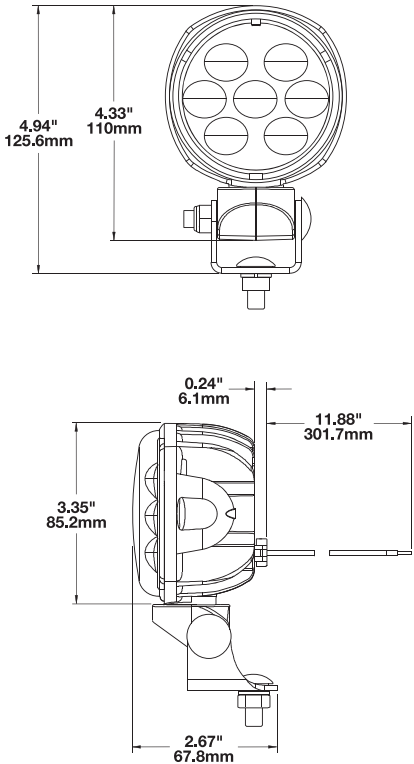
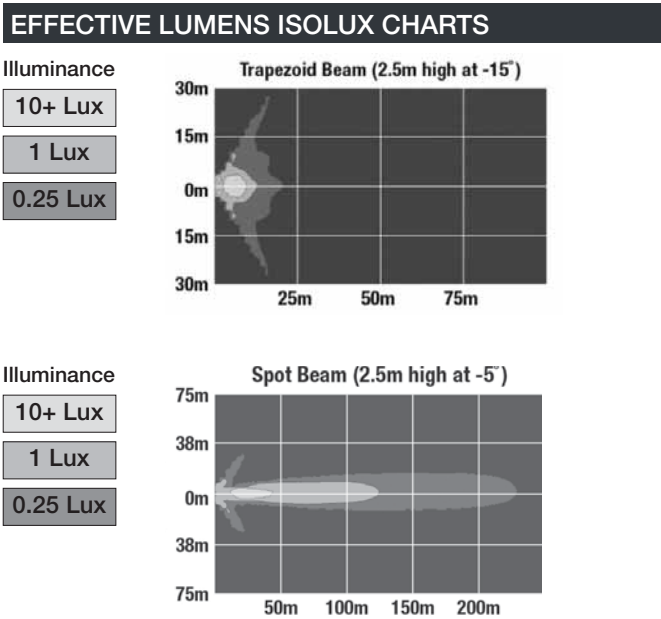


MODEL 4415

3½" ROUND WORKLIGHTS

PART NO:	BEAM:
0549841	Trap
0551001	Spot

PRODUCT SPECIFICATIONS	
Colour Temp:	White 5000K
Lumen Output:	Raw: 2,450 Effective: 1,350
Input Voltage:	12V - 24V DC
Current Draw:	2.20A @ 12V DC 1.10A @ 24V DC
Bezel:	Black or Chrome
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Pedestal w/ swivel bracket
Connector:	Packard# 12084167
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67
Weight:	410 grams (0549841 & 0551001) 450 grams per light (0551753)
Pack Qty:	Single (0549841 & 0551001) Twin (Left & Right - 0551753)



WITH SIDE VIEW MIRROR MOUNT

PART NO:	BEAM:
0551753	Spot

The Model 4415 with side view mirror mount is a compact & lightweight LED work light set.

Designed specifically for truck or heavy vehicle side mirrors, the pre-installed shrouds provide glare protection for the drivers when looking rearward through their mirrors.



MODEL 792

4" x 3" RECTANGLE WORKLIGHTS

12V - 24V

PART NO:	BEAM:
1603921	Pedestal
1603951	Panel

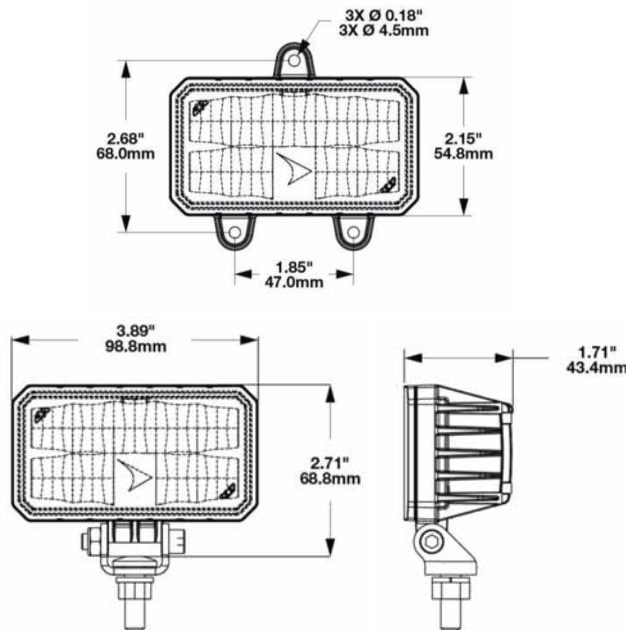
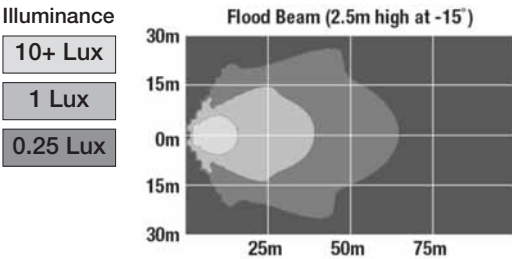
36V - 90V

PART NO:	BEAM:
1603931	Pedestal

PRODUCT SPECIFICATIONS

Colour Temp:	White 5050K	
Lumen Output:	Raw: 3,630	Effective: 2,000
Input Voltage:	12V - 24V or 36V - 90V DC	
Maximum	12V - 24V	36V - 90V
Current Draw:	2.2A @ 12V DC	0.75A @ 36V DC
Lens Material:	Polycarbonate	
Body Material:	Aluminium	
Mounting:	Panel or Pedestal with (x1) 5/16"-18 x 1.00" Mounting Bolt Bracket	
Connector:	JAE Connector MX19A003S51 harness included with flying leads	
Wiring:	Red Wire: Positive Black Wire: Negative	
Standards:	Sealed to IP67 & IP69K	
Weight:	180 grams	
Pack Qty:	Single	

EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 892

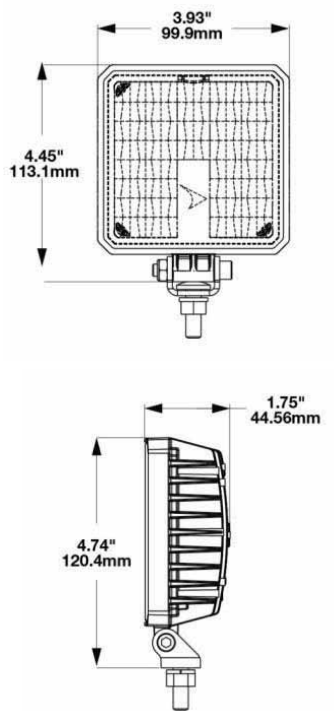
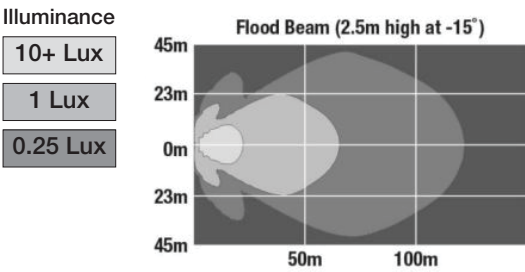
4" x 4" RECTANGLE WORKLIGHT

PART NO:
1603961

PRODUCT SPECIFICATIONS

Colour Temp:	White 5050K	
Lumen Output:	Raw: 6,372	Effective: 3,800
Input Voltage:	12V - 24V DC	
Current Draw:	4.38A @ 12V DC 1.84A @ 24V DC	
Lens Material:	Polycarbonate	
Body Material:	Aluminium	
Mounting:	Universal Pedestal Mount (x1) 5/16"-18 x 1.00" Mounting Bolt Bracket	
Connector:	Deutsch DT06-2S-E003	
Wiring:	Red Wire: Positive Black Wire: Negative	
Standards:	Sealed to IP67 & IP69K ECE Reg 10	
Weight:	410 grams	
Pack Qty:	Single	

EFFECTIVE LUMENS ISOLUX CHARTS



MODEL 893

8" x 3" RECTANGLE WORKLIGHT

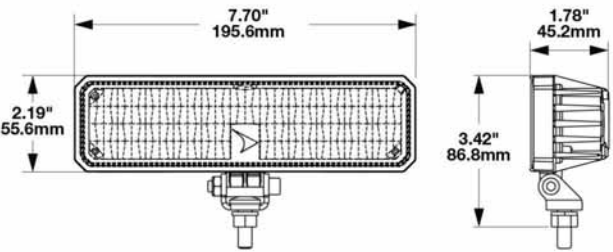
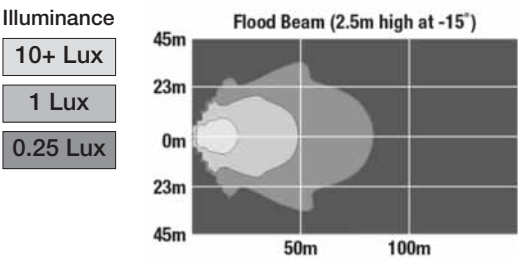
PART NO:
1300671

PRODUCT SPECIFICATIONS

Colour Temp:	White 5050K
Lumen Output:	Raw: 7,120 Effective: 3,700
Input Voltage:	12V - 24V DC
Current Draw:	4.5A @ 12V DC 1.8A @ 24V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Pedestal with (x1) 5/16"-18 x 1.00" Mounting Bolt Bracket
Connector:	Deutsch DT06-2S-E003
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67 & IP69K
Weight:	460 grams
Pack Qty:	Single



EFFECTIVE LUMENS ISOLUX CHART



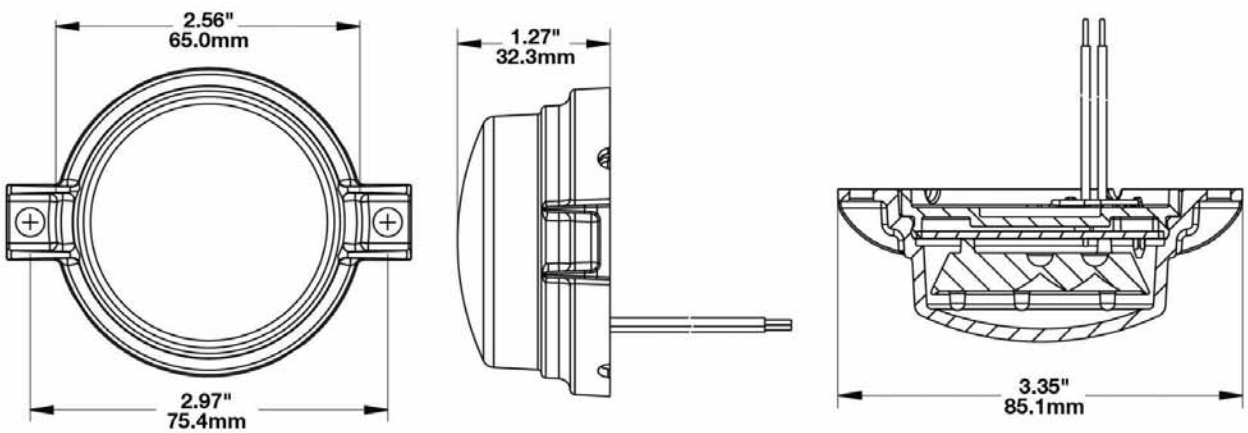
MODEL 146

65mm AMBER WARNING LIGHT

PART NO:
0646321

PRODUCT SPECIFICATIONS

Colour Temp:	Amber
Input Voltage:	12V - 48V DC
Current Draw:	0.100A @ 12V DC 0.050A @ 24V DC 0.035A @ 36V DC 0.030A @ 48V DC
Lens Material:	Polycarbonate
Body Material:	Polycarbonate
Mounting:	Low Profile - Two Point Mount
Connector:	6" Leads
Wiring:	Red Wire: Positive Black Wire: Negative
Modes:	1: Warning Flashing
Standards:	Sealed to IP67
Weight:	110 grams
Pack Qty:	Single



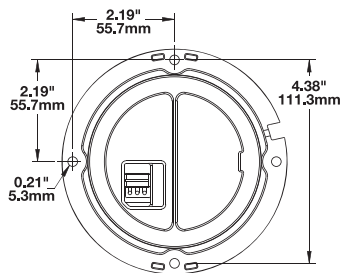
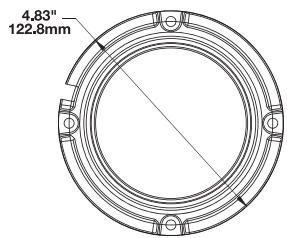
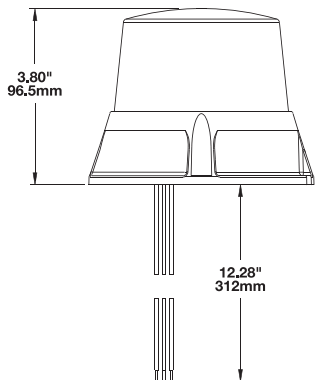
MODEL 406

5" ROUND STROBE LIGHTS - CLASS 2

PART NO:	COLOUR:
0646501	Amber
0646541	Red

PRODUCT SPECIFICATIONS

Colour Temp:	Amber & Red
Candela Output:	280
Input Voltage:	12V - 80V DC
Current Draw:	0.345A @ 12V DC 0.225A @ 24V DC 0.163A @ 36V DC 0.131A @ 48V DC 0.100A @ 72V DC
Lens Material:	Polycarbonate
Body Material:	Polycarbonate
Mounting:	Four Point Mount with (x4) #8-16 x 3/4 Screw or Pole Mount (8200213)
Connector:	12" Leads
Wiring:	Red Wire: Positive Black Wire: Negative Yellow Wire: Mode Change
Modes:	1: Beacon 2: Quadruple 480 3: Fast 540 4: Double 240 5: Burst 300 6: Steady Flash 60
Standards:	Sealed to IP69K SAEJ845 ECE Reg 10
Weight:	590 grams
Pack Qty:	Single



406 & 407
Pole Mount Accessory



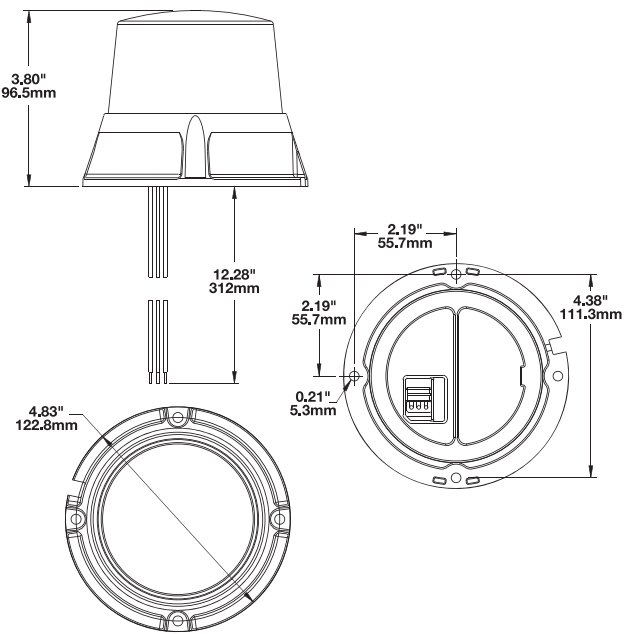
MODEL 407

5" ROUND STROBE LIGHTS - CLASS 1

PART NO:	COLOUR:
0646491	Amber
0646551	Blue
0646561	Red
0646571	Green

PRODUCT SPECIFICATIONS

Colour Temp:	Amber, Blue, Red & Green
Candela Output:	560
Input Voltage:	12V - 80V DC
Current Draw:	0.915A @ 12V DC 0.500A @ 24V DC 0.340A @ 36V DC 0.265A @ 48V DC 0.190A @ 72V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Four Point Mount with (x4) #8-16 x 3/4 Screw or Pole Mount (8200213)
Connector:	12" Leads
Wiring:	Red Wire: Positive Black Wire: Negative Yellow Wire: Mode Change
Modes:	1: Beacon 2: Quadruple 480 3: Fast 540 4: Double 240 5: Burst 300 6: Steady Flash 60
Standards:	Sealed to IP69K SAEJ845 ECE Reg 10 & 65
Weight:	880 grams
Pack Qty:	Single



406 & 407
Pole Mount Accessory



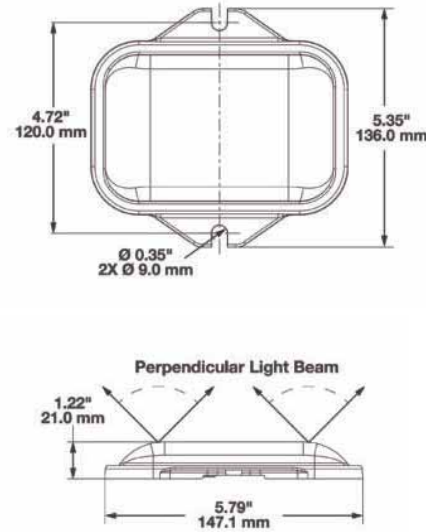
MODEL 210

147mm x 136mm
SOLAR FLASHER & WARNING LIGHTS

PART NO:	COLOUR:
0647031	Amber
0647041	Red

PRODUCT SPECIFICATIONS

Colour Temp:	Amber or Red
Candela Output:	11
Battery Run:	120 hours
Battery Charge:	6 hours
Lens Material:	Acrylic
Body Material:	Polycarbonate
Standards:	Sealed to IP69K
Weight:	180 grams
Pack Qty:	Single



CLICK
BOND



210 Mounting Options

Part No.	Description	Pack Qty
8200491	210 Clickbond Mounting Kit M8-15mm	Single



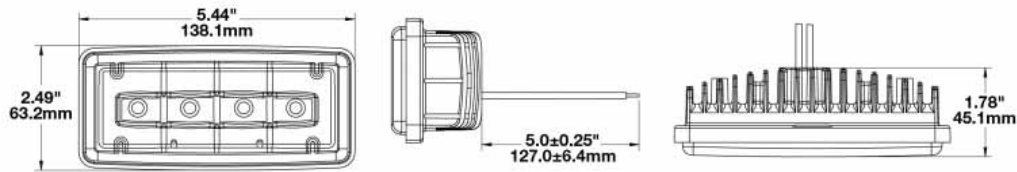
MODEL 6048

5" x 2" AUXILIARY WARNING LIGHT
4 COLOUR - RED | BLUE | AMBER | GREEN

PART NO:
0647101

PRODUCT SPECIFICATIONS

Colour Temp:	Red, Blue, Amber & Green
Input Voltage:	12V - 24V DC
Current Draw:	0.60A @ 12V DC 0.30A @ 24V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Universal Pedestal Mount
Connector:	3" Cable with Integrated Connector
Wiring / Modes:	Black Wire: Negative / Ground Red Wire: Red Mode Blue Wire: Blue Mode Yellow Wire: Amber Mode Green Wire: Green Mode White Wire: Blue Mode
Standards:	Sealed to IP69K
Weight:	270 grams
Pack Qty:	Single



MODEL 281

9" x 2" MULTI-FUNCTION SIGNAL LIGHTS

Stop | Tail | Turn | Reverse

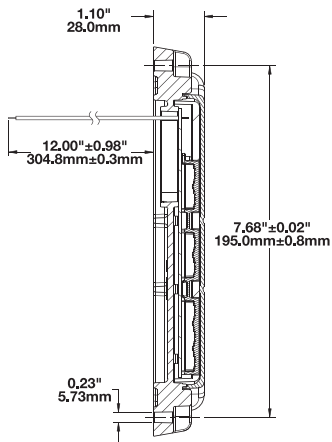
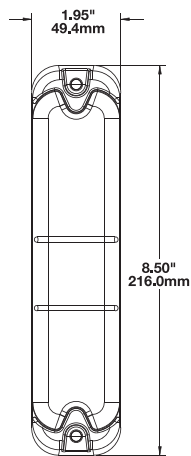
PART NO:	VOLTAGE:
0338061	12V
0338091	24V - 36V
0339011	48V

PRODUCT SPECIFICATIONS

Input Voltage:	12V, 24 - 36V & 48V DC
Maximum Current Draw:	0.40A across all products
Lens Material:	Polycarbonate
Body Material:	ABS
Mounting:	Low Profile Mount
Connector:	12" Bare Leads
Wiring:	White Wire: Reverse Yellow Wire: Turn Red Wire: Stop White/Red Wire: Tail Black Wire: Ground
Standards:	Sealed to IP67
Weight:	290 grams
Pack Qty:	Single



ADR
APPROVED



MODEL 283

9" x 2" MULTI-FUNCTION SIGNAL LIGHT

Stop | Tail | Turn

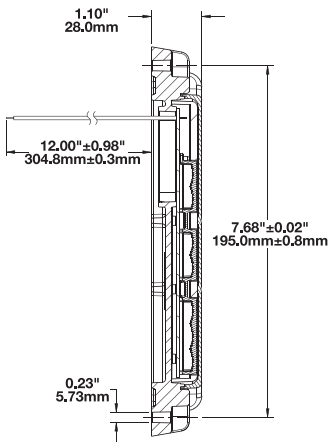
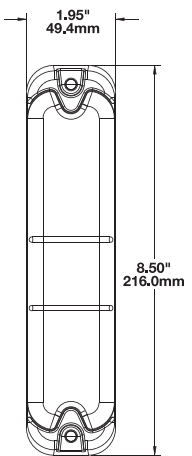
PART NO:	VOLTAGE:
0339921	12V - 24V

PRODUCT SPECIFICATIONS

Input Voltage:	12V - 48V DC
Maximum Current Draw:	0.161A @ 12V DC (Turn)
Lens Material:	Polycarbonate
Body Material:	ABS
Mounting:	Low Profile Mount
Connector:	12" Bare Leads
Wiring:	Red Wire: Stop White Wire: Tail Green Wire: Turn Black Wire: Ground
Standards:	Sealed to IP67 ECE Reg 6 & 7
Weight:	290 grams
Pack Qty:	Single



ADR
APPROVED



MODEL 770

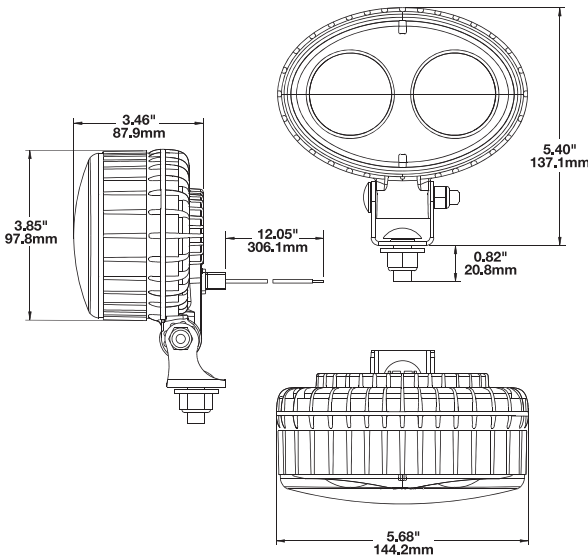
5" x 3" OVAL SAFETY ZONE LIGHTS

Sharp Spot Beam Pattern

PART NO:	COLOUR:
1706441	Red
1706311	Blue

PRODUCT SPECIFICATIONS

Colour Temp:	Red or Blue
Input Voltage:	12V - 110V
Maximum Current Draw:	1706441 - Red 0.19A @ 12V DC 1706311 - Blue 0.50A @ 12V DC
Lens Material:	Polycarbonate
Body Material:	Polycarbonate
Mounting:	Universal Pedestal Mount (x1) M10-1.5 x 25mm Bolt
Connector:	Integrated 2-Pin Deutsch Weather-Proof Socket (DT04-2P)
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP69K SAEJ1455 Tested to ECE Reg 10 (Radiated Emissions Only)
Weight:	590 grams
Pack Qty:	Single



MODEL 4415

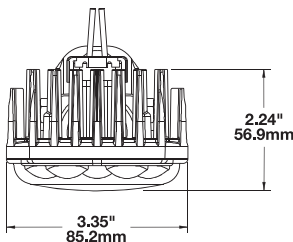
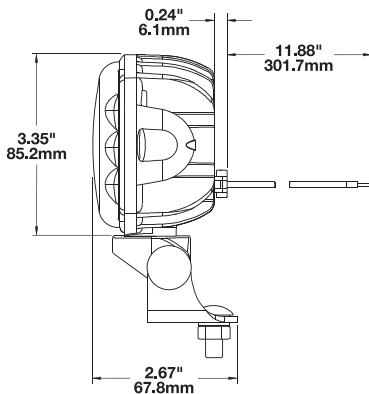
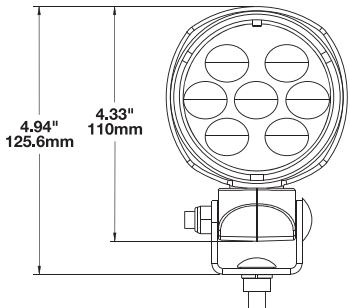
3½" ROUND SAFETY ZONE LIGHTS

Sharp Spot Beam Pattern

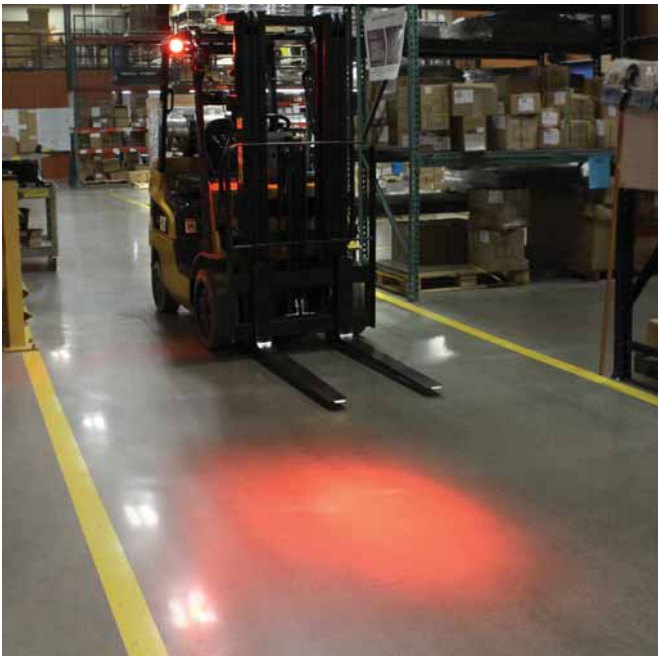
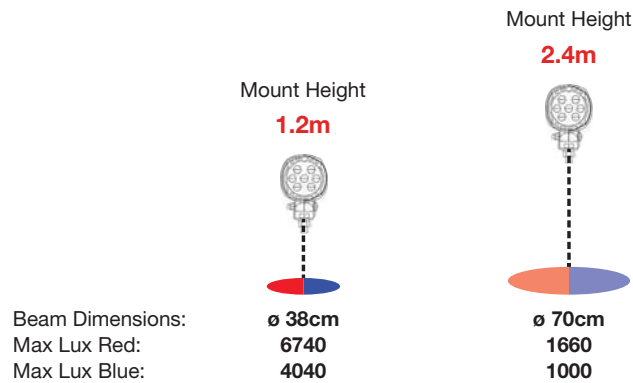
PART NO:	COLOUR:
0552981	Red
0552991	Blue

PRODUCT SPECIFICATIONS

Colour Temp:	Red or Blue
Candela Output:	9,920
Input Voltage:	12V - 110V DC
Current Draw:	1.910A @ 12V DC 0.810A @ 24V DC 0.405A @ 48V DC 0.180A @ 110V DC
Lens Material:	Polycarbonate
Body Material:	Aluminium
Mounting:	Pedestal w/ swivel bracket (x1) M8-20 x 1.25 Mounting Bolt Black ZP
Connector:	Packard# 12084167
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67
Weight:	410 grams
Pack Qty:	Single



MOUNTING HEIGHT & BEAM PERFORMANCE



Additional application example: Agricultural boom spray light



MODEL 793

6" x 2" RECTANGLE SAFETY ZONE LIGHTS

12V - 36V

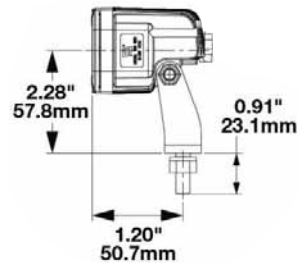
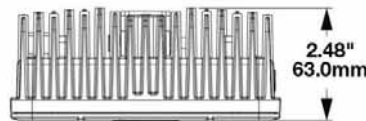
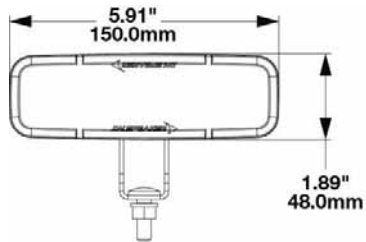
PART NO:	COLOUR:
1603761	Red
1603771	Blue
1603781	Amber

48V - 110V

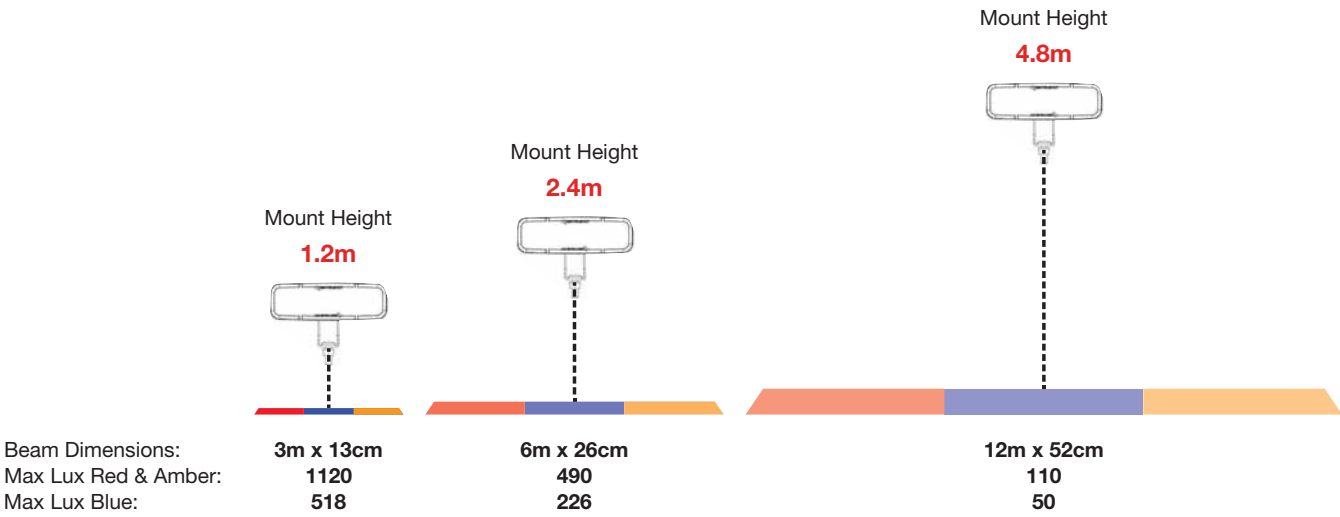
PART NO:	COLOUR:
1603871	Red
1603881	Blue
1603891	Amber

PRODUCT SPECIFICATIONS

Colour Temp:	Red or Blue	
Lumen Output:	Raw: 496 Effective: 110	
Input Voltage:	12V - 36V or 48V - 110V	
Maximum	12V - 36V	48V - 110V
Current Draw:	1.6A @ 12V DC	0.35A @ 48V DC
Lens Material:	Polycarbonate	
Body Material:	Aluminium	
Mounting:	Long Pedestal Bracket (x2) 5/16-18 x 1.00" Mounting Bolt	
Connector:	Deutsch DT04-2P & Deutsch DT06-2S (Harness included with flying leads)	
Wiring:	Red Wire: Positive Black Wire: Negative	
Standards:	Sealed to IP69K, UL Recognised & Tested to ECE Reg. 10 (Radiated Emissions Only)	
Weight:	390 grams	
Pack Qty:	Single	



MOUNTING HEIGHT & BEAM PERFORMANCE



MODEL 529

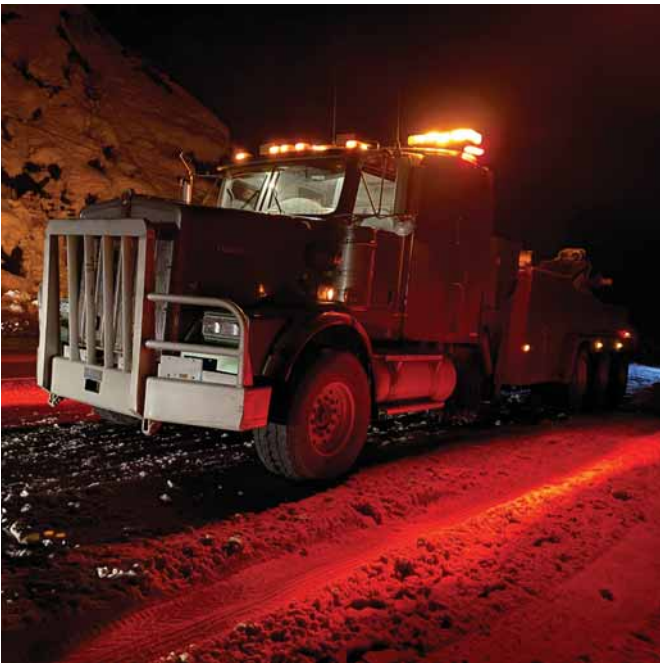
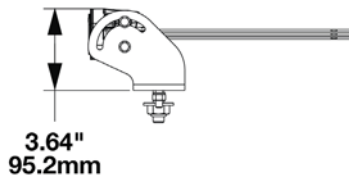
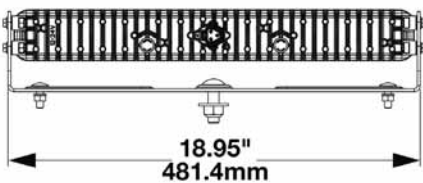
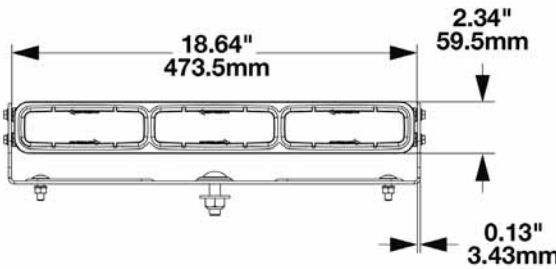
19" x 21½" RECTANGLE SAFETY ZONE LIGHTS



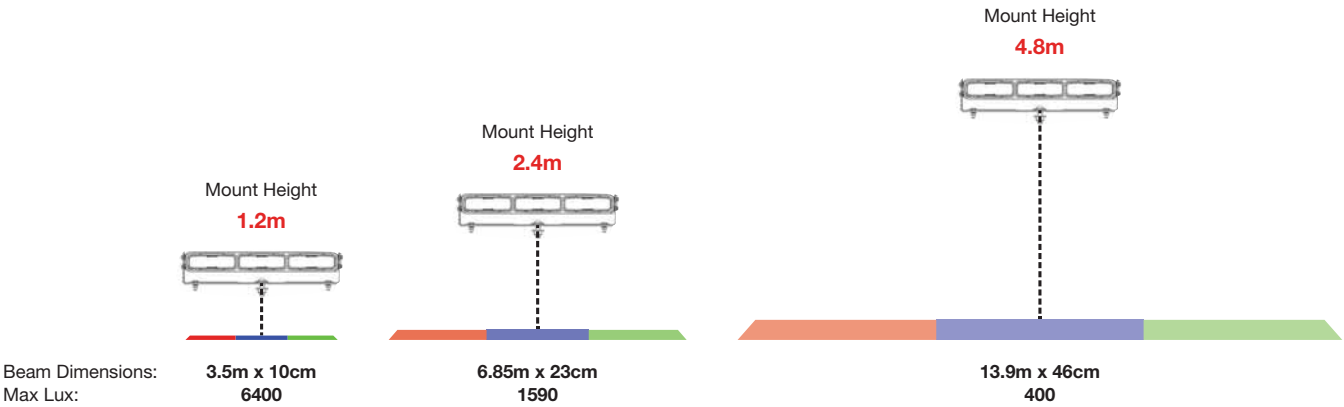
PRODUCT SPECIFICATIONS

Colour Temp:	Red, Blue or Green	
Lumen Output:	Raw: 3,350 Effective: 886	
Candela Output:	8,530	
Input Voltage:	12V - 24V DC	
Maximum Current Draw:	Red 3.7A @ 12V DC	Blue 3.9A @ 12V DC
	Green 3.3A @ 12V DC	
Lens Material:	Polycarbonate	
Body Material:	Aluminium	
Mounting:	Universal Pedestal Mount (x1) M8-1.25 x 25mm SS Carriage Bolt	
Connector:	3-pin Deutsch (DT04-3P)	
Wiring:	Yellow Wire: Continuous On White Wire: Flash On (connected to Ground) Black Wire: Ground	
Standards:	Sealed to IP69K	
Weight:	1.29kg	
Pack Qty:	Single	

PART NO:	COLOUR:
1300561	Red
1300651	Blue
1300681	Green



MOUNTING HEIGHT & BEAM PERFORMANCE



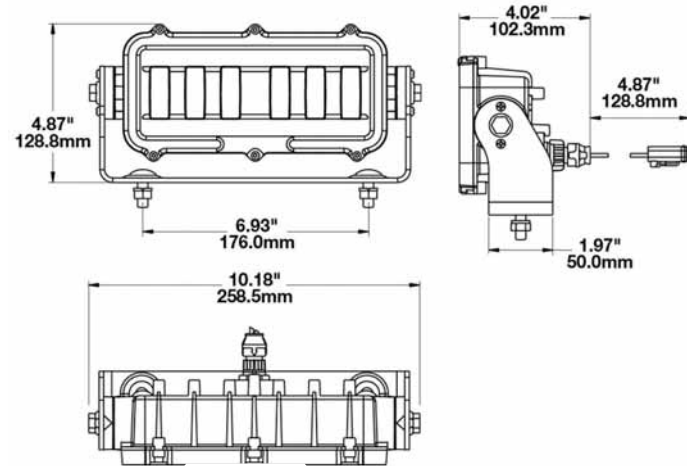
MODEL 527

10" x 5" RECTANGLE SAFETY ZONE LIGHTS

PART NO:	COLOUR:
0549271	Red
0551271	Green
0551281	Amber
0551261	White

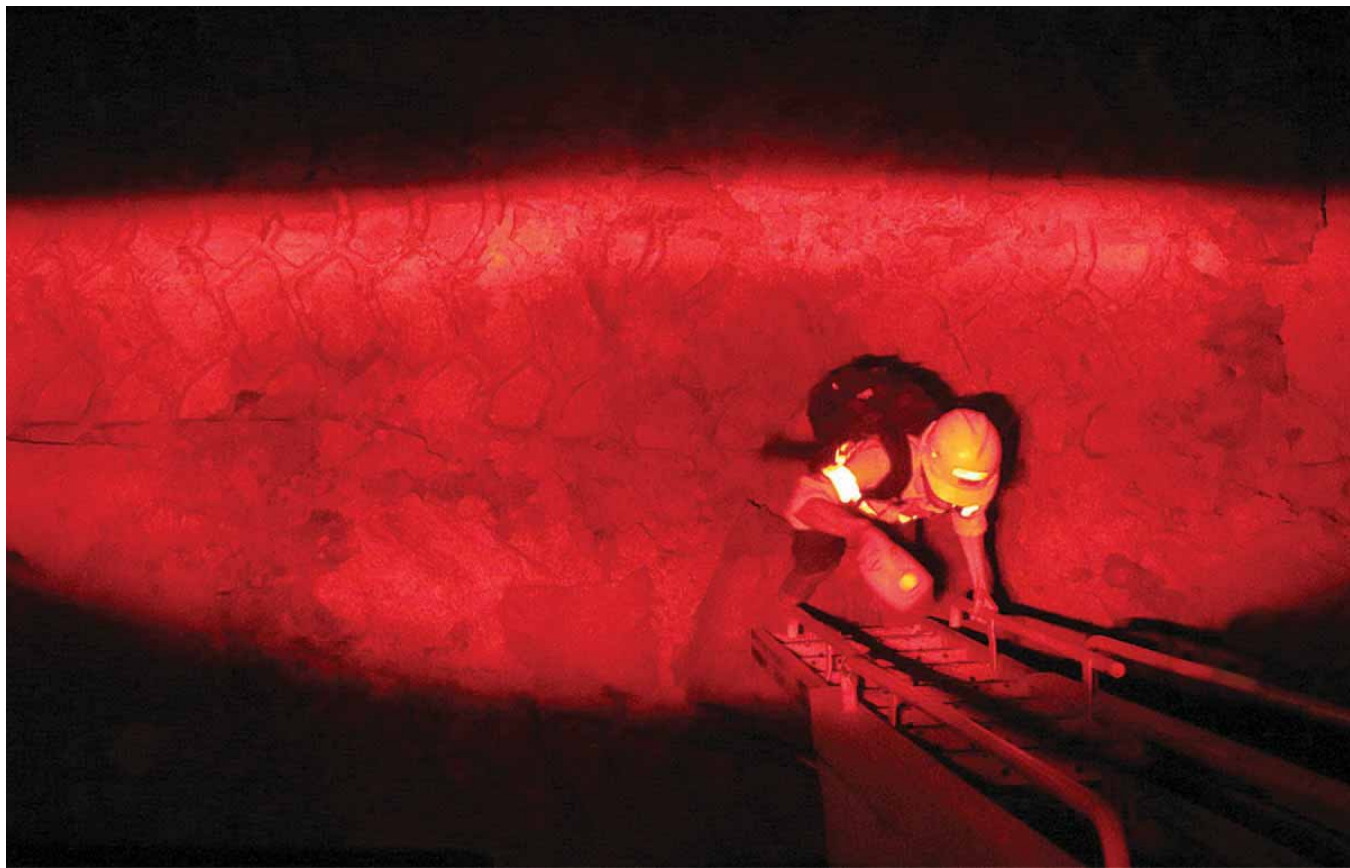
PRODUCT SPECIFICATIONS

Colour Temp:	Red, Green, Amber or White	
Lumen Output:	Red	Amber
	Raw: 720	Raw: 960
	Effective: 670	Effective: 400
	Green	White
	Raw: 1,500	Raw: 1,500
	Effective: 590	Effective: 640
Input Voltage:	12V - 24V DC	
Maximum Current Draw:	Red	
	1.6A @ 12V DC	
	Green, Amber & White	
	1.2A @ 12V DC	
Lens Material:	Glass	
Body Material:	Xenoy	
Mounting:	Universal Pedestal Mount (x2) M8-1.25 Mounting Bolt	
Connector:	Integrated 2-Pin Deutsch Weather-Proof Socket (DT04-2P)	
Wiring:	Red Wire: Positive Black Wire: Negative	
Standards:	Sealed to IP69K	
Weight:	1.18kg	
Pack Qty:	Single	

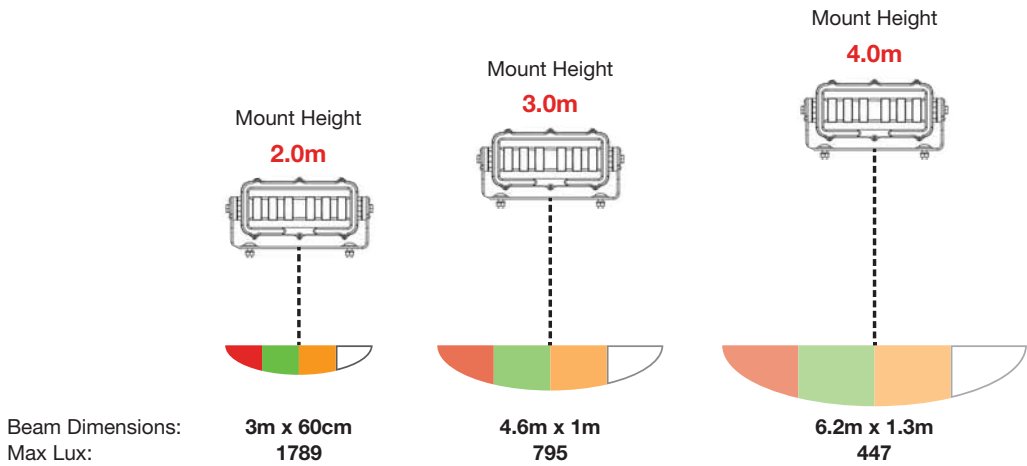


527 Product Accessories - (Page 85)

Part No.	Description	Pack Qty
8200151	527 - Protective Rock Guard Kit	Single



MOUNTING HEIGHT & BEAM PERFORMANCE



MODEL 777 GEN 2

4" ROUND SAFETY ZONE LIGHTS

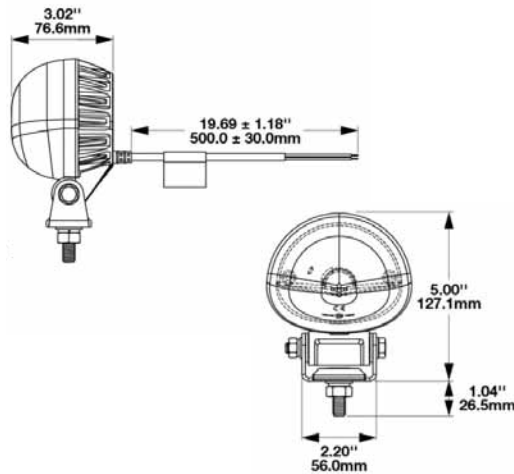
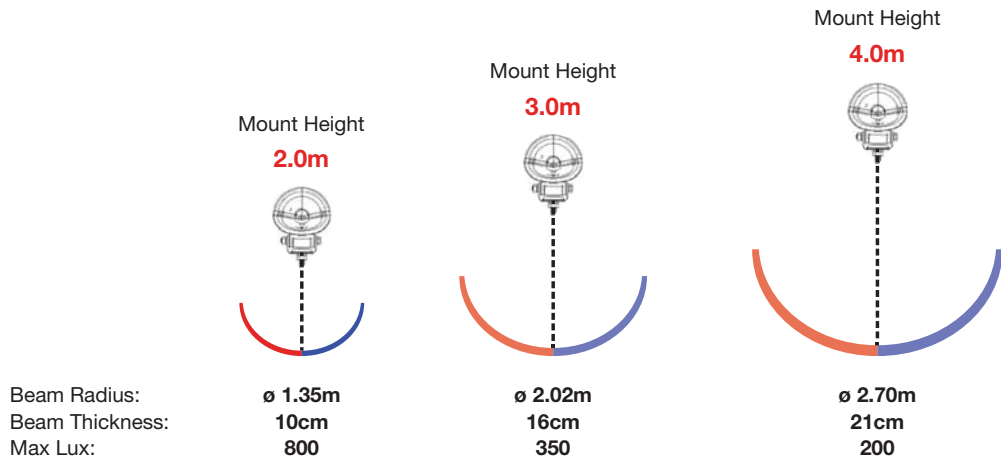
Arc Beam Pattern

PART NO:	COLOUR:
1403601	Red
1403611	Blue

PRODUCT SPECIFICATIONS

Colour Temp:	Red or Blue
Candela Output:	3,200
Input Voltage:	12V - 72V DC
Maximum Current Draw:	Red 1.08A @ 12V DC Blue 1.09A @ 12V DC
Lens Material:	Polycarbonate
Body Material:	Die-Cast Aluminium
Mounting:	Universal Pedestal Mount M10-30mm M10 Stainless Steel Bolt
Connector:	19.5" Bare Leads (tinned)
Wiring:	Red Wire: Positive Black Wire: Negative
Standards:	Sealed to IP67 & IP69K ECE Reg 10 (Radiated Emissions Only) CISPR 22
Weight:	680 grams
Pack Qty:	Single

MOUNTING HEIGHT & BEAM PERFORMANCE

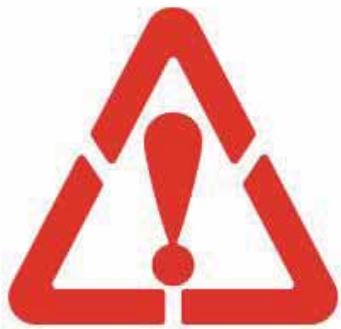


MODEL 560

6" x 4½" RECTANGLE SAFETY ZONE LIGHT

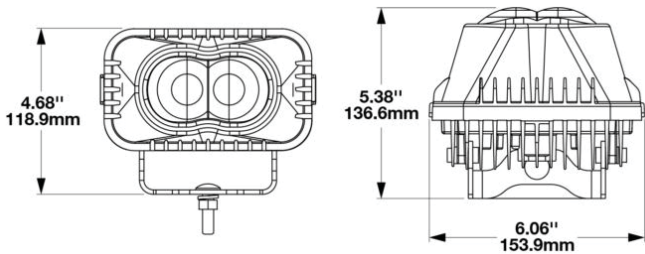
Universal Warning Beam Pattern

PART NO: COLOUR:
1300661 Red



PRODUCT SPECIFICATIONS

Colour Temp:	Red
Input Voltage:	12V - 72V DC
Maximum Current Draw:	3.6A @ 12V DC (Steady On Mode)
Lens Material:	Acrylic
Body Material:	Aluminium
Mounting:	Adjustable Pedestal Mount with Single Carriage Bolt
Connector:	PE 12110293
Wiring:	Red Wire: Positive White Wire: Negative Black Wire: Mode Selection
Standards:	Sealed to IP69K
Weight:	670 grams
Pack Qty:	Single



Mode Selection:

Select desired mode by touching the **BLACK** wire to **RED** wire for 1-2 seconds. The light's mode will switch to next state per the below table. Once the desired state is set, the **BLACK** wire can be removed or capped off. The lamp will remain in selected mode.

Modes:

Mode 0: Outer LED: Steady On	Inner LED: Steady On
Mode 1: Outer LED: Flash 60 per min (1Hz)	Inner LED: Flash 60 per min (1Hz)
Mode 2: Outer LED: Triple flash 60 per min (1Hz),	Inner LED: Triple flash 60 per min (1Hz)
Mode 3: Outer LED: Flash 60 per min (1Hz),	Inner LED: Triple flash 60 per min (1Hz)
Mode 4: Outer LED: Flash 200 per min (2Hz),	Inner LED: Flash 200 per min (2Hz)
Mode 5: Outer LED: Flash 60 per min (1Hz),	Inner LED: Steady On





For further details about the J.W. Speaker range contact Invision Sales.
Invision Sales are the Asia Pacific distributors for J.W. Speaker Corporation.
Edition 2. Release date March 2024

INVISION
lighting technology

www.invisionsales.com
enquiries@invisionsales.com
Ph: 03 9336 2066

J.W. SPEAKER 
Engineered. Lighting. Solutions.