

PROVIX.NET
Now I CAN SEE!

“FORKVIEW” WIRELESS CAMERA SYSTEM

Wireless Mast Cam:

- Allows Operator to see in front of the forks and eliminate load damage
- Powered by interchangeable 3AH Li-Ion battery packs [runs for an 8 hour shift]

Optional :

- Rear View Cam:
- Allows Operator to reverse safely and more efficiently
- Camera guards
- Waterproof monitor
- Broadband backup alarms

Wireless “ForkView” Camera w/ Battery PACK



7 Inch Monitor Display



Wireless Mast Cam





Eliminate Noise Complaints NOW!

Increase Worker Safety

Keep Your Neighbors Happy!



BROADBAND WHITE SOUND BACK-UP ALARMS

INTRODUCING THE SMART, SELF-ADJUSTING BBS-TEK® BACK-UP ALARMS

WITH VOLUME RANGES FROM 77-97DB(A) AND 87-107DB(A)



MAKING THEM IDEAL FOR TRUCKS, BUSES, COACHES, FORKLIFTS, AIRPORT VEHICLES,



SA-BBS-97

CONSTRUCTION & MINING MACHINERY, AS WELL AS WORKING IN AREAS WHERE THE AMBIENT NOISE LEVEL MAY VARY SIGNIFICANTLY.



SA-BBS-107

PROVIDES GREATER SAFETY & LESS NOISE NUISANCE THAN ANY OTHER ALARM!

* This is particularly important for vehicles maneuvering in close proximity to each other or going from a noisy environment, such as a factory floor, to a quieter external location, such as a work yard, ensuring the warning is always heard.



KEY BENEFITS:

- 'Smart' self-adjusting sound level
- Ambient noise is monitored once every second
- Automatically adjusts the alarm volume 5-10dB above the sampled noise level
- Sound is instantly locatable so you can tell which vehicle is reversing
- Focuses warning sound in the danger zone behind the vehicle, so it doesn't annoy site neighbors or other people
- Unlike conventional alarms, the 'shh... shh...' sound of broadband sound (white sound) is easy on the ear and dissipates fast outside the danger area
- Tough, Durable, Waterproof (IP68)
- Conforms to SAE J994 environmental standards
- Solid state, spark-free electronics
- Epoxy sealed for protection against vibration, dust and moisture

| <u>SPECIFICATION:</u> | <u>97:</u> | <u>107:</u> |
|------------------------|---------------|---------------|
| POWER INPUT | 12-24Vdc | 12-24Vdc |
| POWER CONSUMPTION | 0.5 | 1.0 |
| SOUND LEVEL (DB(A)@1M) | 77-97 | 87-107 |
| SOUNDER UNIT | Speaker | Speaker |
| FREQUENCY | Multi | Multi |
| DIMENSIONS (IN.) | 5 x 2.5 x 3.6 | 7 x 3.7 x 3.1 |

CALL TOLL FREE: 1-888-434-0253 — CONTACT: SALES@PROVIX.NET — VISIT: WWW.PROVIX.NET

Proximity Detection System

VEHICLE TYPE: PORT APPLICATION

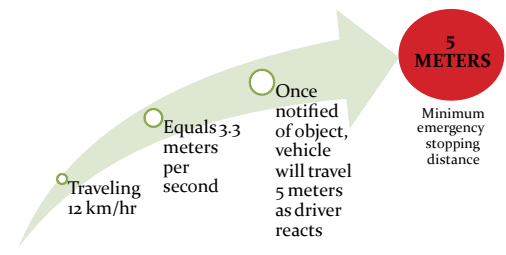
- ▶ Reduce Collisions
- ▶ Actively Detect Objects
- ▶ Reduce Damage Costs

The display unit provides an audible and visual warning to the operator when an object or pedestrian is in the detection zone.

Two Xtreme PreView® Sensors set at 8 meter detection range are mounted at the rear of the vehicle at a 10 degree angle.



BRAKING DISTANCE NEEDED WHEN DRIVING 12 KM/HOUR



| Driving speed versus emergency stopping distance | | | |
|---------------------------------------------------------|-----------|-------|--------|
| Speed (km/h) | 6 | 12 | 14 |
| Speed in metres per second | 1.7 | 3.3 | 3.9 |
| Distance travelled while driver reacts to emergency (m) | 2.5 | 5 | 5.8 |
| Minimum Theoretical Emergency Stopping Distance (m) | 2.8 | 6 | 7 |
| Minimum Actual Emergency Stopping Distance(m) | 2.9 - 3.2 | 7 - 8 | 8 - 10 |

| DIMENSIONS | SUGGESTED CONFIGURATION | SPECIFICATIONS |
|---------------------------------------------|--------------------------------------------|-----------------------------------------|
| Sensor Unit: 7.4" (h) x 7.6" (w) x 2.4" (d) | Two Xtreme PreView Sensors | Op. Temps: -40° – +185°F / -40° – +85°C |
| In-Cab Display: 2.3" (w) x 2" (d) x 1"(h) | Customized detection range set at 8 meters | Current Draw: < 1/2 AMP |

PROVIX.NET
NOW I CAN SEE!

Crane Camera System



Instant improvements in:

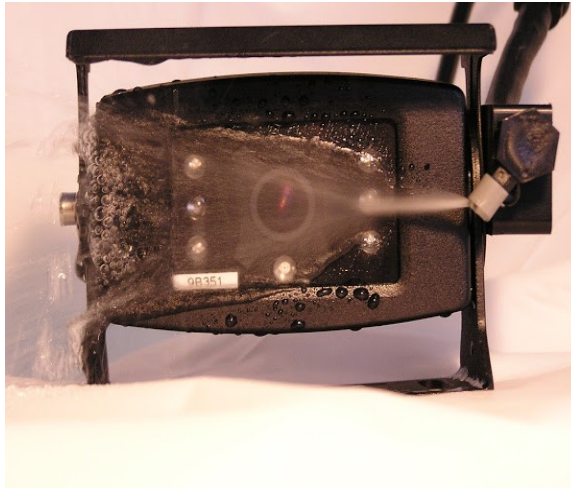
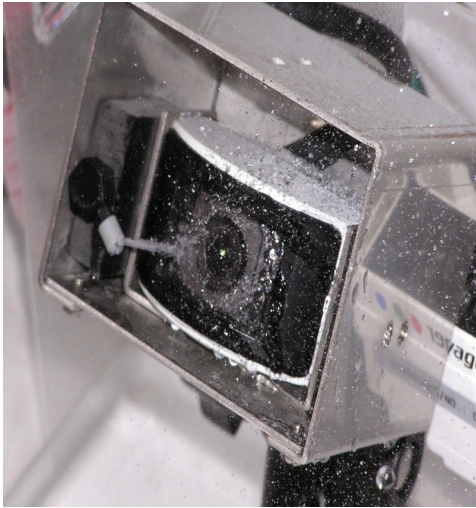
- Vision Enhancement
- Mobile Safety
- Increased productivity



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PROVIX CAMERA-WASH SYSTEM

PROVIX.NET
Now I CAN SEE!



Cleans the Camera lens of Dirt, Ice, Dust and Snow with the push of a button!

KEEP CAMERA LENS CLEAR TO ENHANCE MOBILE SAFETY

- USES WASHER FLUID FOR YEAR ROUND OPERATION.
- 12 VOLT HIGH PRESSURE PUMP
- 1 GALLON RESERVOIR WITH MOUNTING HARDWARE
- MOMENTARY ROCKER SWITCH
- 30 FOOT ELECTRIC HARNESS AND FLUID TUBING KIT. CUSTOM LENGTHS AVAILABLE.
- EASY TO INSTALL
- COMES AS A KIT WITH 30' HARNESS OR CUSTOM LENGTHS ARE AVAILABLE
- OPTIONAL NEMA BOX FOR EASE OF MOUNTING
- ADD UP TO FOUR OPTIONAL NOZZLES PER KIT
- ADD AN OPTIONAL TIMER FOR AUTOMATIC CLEANING.
- ADD A STAINLESS STEEL BOX FOR MOUNTING ON THE SIDE OF OR UNDER SIDE OF PLOW/DUMP TRUCKS.
- CUSTOM KITS AVAILABLE

1-888-434-0253

SALES@PROVIX.NET

WWW.PROVIX.NET

MATERIAL HANDLING

Material handling requires everything to be in its proper place – nothing should be lost on the way. In tight spaces you need to allow for roughness along the edges and the odd bump in the corners. Your clients want the correct goods – not someone else’s. Items need to be received and shipped out – no matter what time of the day. Helping to maintain high operational productivity and safety in tight work places and during dark hours is the main mission for our work lights. Good visibility is a key factor in getting the job done right.



Nordic Lights has long-standing experience in supplying specialized equipment with lighting solutions. Nordic Lights products are designed to work in the harshest and most demanding working environments around the world. The long-term proof of success of Nordic Lights products is based on their durability. Hence, our slogan: “Lights for Heavy Duty”. All our products undergo extensive test procedures before release. Nordic Lights patented dampening solutions are widely renowned for their anti-vibration and shock resistance characteristics. The durability of our lights also reduces any unscheduled maintenance of your equipment.



Whether your equipment is big or small, the lights are made for you. The state-of-the-art R&D facilities of Nordic Lights at our head office and factory have extensive experience in developing lights for different equipment. The extensive EMC development in our lights also ensures that the work light does not interfere with the other electronic systems or safety equipment of applications.

While halogen lights have been the affordable solution and HID (Xenon) lights have stood for the superior illumination, the LED lights are emerging as the new trend taking over within the material handling sector. The long lifespan, high-intensity light output and maintenance-free operations are becoming increasingly more accessible as the components get more attainable and the Lumens/Watt efficacy improves.



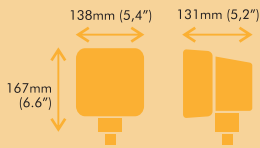
The use of Nordic Lights products ensures that darkness, vibration, shock, dust and humidity will not affect visibility when the results of your work and safety depend on effective lighting. Because each task and working environment are different Nordic Lights offer a range of lamps with different colour temperatures and light patterns. With your specific assignment in mind you can choose the technology that best suits you – whether it is auxiliary Xenon driving lights, LED, HID or halogen lights. We also develop customer specific lighting solutions and recognize the vast and sometimes conflicting site requirements.

N460 LED

Features

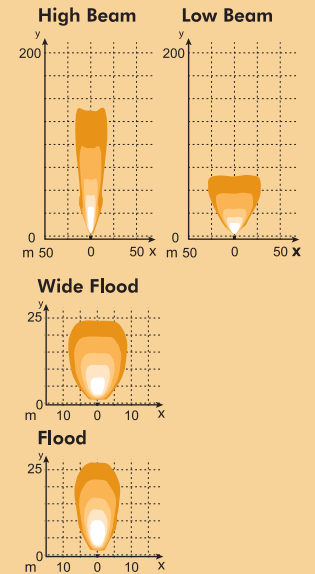
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------|----------------------------------|
| Theoretical Lumens Output : | 4300lm |
| Operating Lumens Output : | 2600lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 24V |
| Input Voltage Range DC : | 18-32V |
| Power Consumption : | 60W |
| Nominal Current at 24V : | 2.5A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 20Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 2.9kg |
| IP Rating : | IP68, IP6K9K |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2 |
| Operating Temperature : | -40°C ... +85°C |
| (Overheat protected) | |

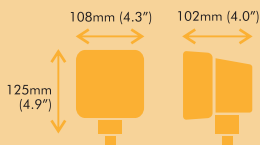


N46 LED

Features

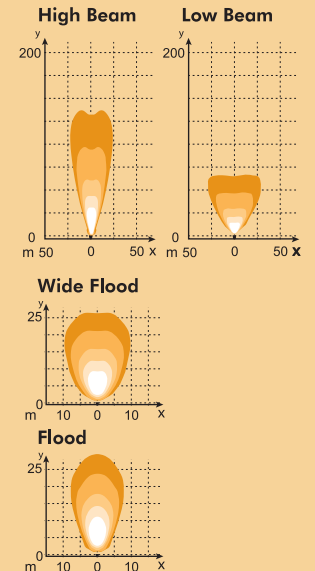
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------|--------------------------------------|
| Theoretical Lumens Output : | 5300lm |
| Operating Lumens Output : | 3300lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 50W |
| Nominal Current at 12V : | 4.2A |
| Nominal Current at 24V : | 2.1A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 1.5kg |
| IP Rating : | IP68, IP6K9K |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |

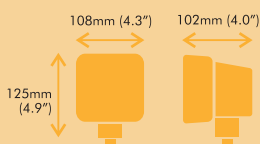


N44 LED G2

Features

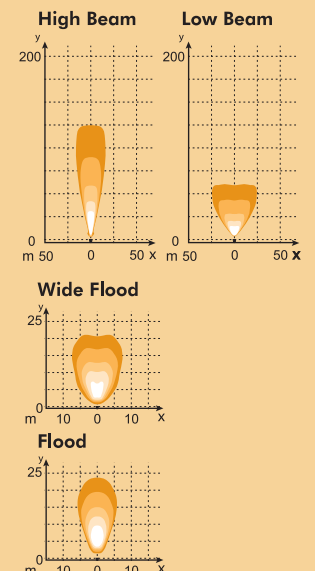
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------|--------------------------------------|
| Theoretical Lumens Output : | 2900lm |
| Operating Lumens Output : | 1900lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 35W |
| Nominal Current at 12V : | 3.0A |
| Nominal Current at 24V : | 1.5A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 20Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 1.5kg |
| IP Rating : | IP68, IP6K9K |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |

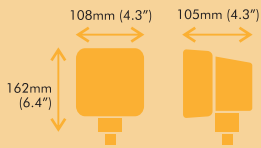


N44 LED HD

Features

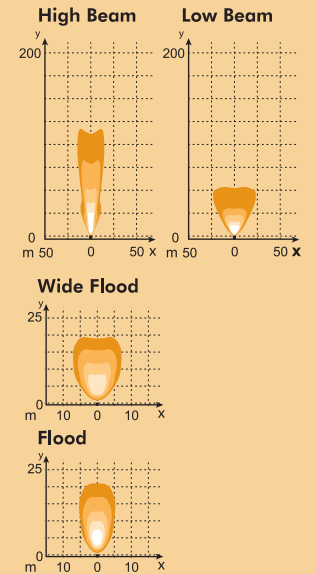
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------|--------------------------------------|
| Theoretical Lumens Output : | 2700lm |
| Operating Lumens Output : | 1700lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12 - 24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 40W |
| Nominal Current at 12V : | 3.3A |
| Nominal Current at 24V : | 1.7A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 15/20Grms 24-2000Hz (Undamp/Damp) |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 1.6kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |

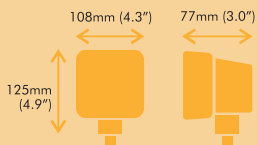


N42 LED

Features

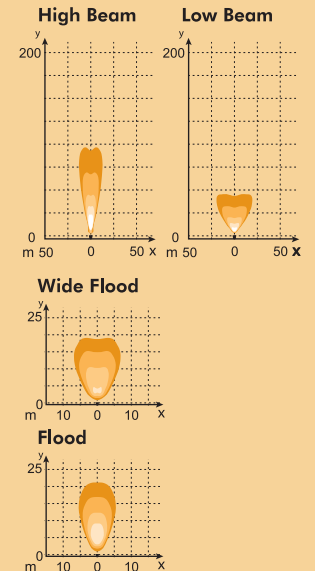
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------|----------------------------------------------------|
| Theoretical Lumens Output : | 1600lm |
| Operating Lumens Output : | 1000lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 25W |
| Nominal Current at 12V : | 2.0A |
| Nominal Current at 24V : | 1.0A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 1.6kg |
| IP Rating : | IP68, IP6K9K, SAE J1455 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2, CISPR 25 class 3 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |

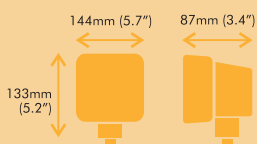


N33 LED

Features

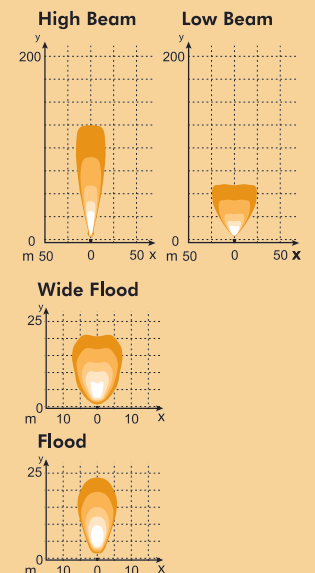
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------|--------------------------------------|
| Theoretical Lumens Output : | 2900lm |
| Operating Lumens Output : | 1900lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 35W |
| Nominal Current at 12V : | 3.0A |
| Nominal Current at 24V : | 1.5A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 20Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 1.5kg |
| IP Rating : | IP68, IP6K9K |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |

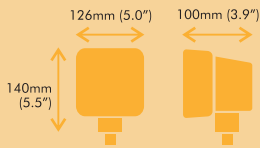


N31 LED

Features

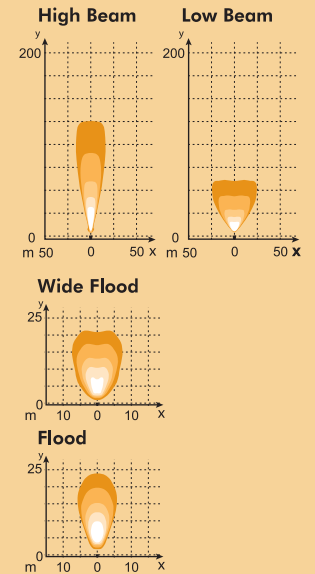
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------|-------------------------------------|
| Theoretical Lumens Output : | 2900lm |
| Operating Lumens Output : | 1900lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12-24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 35W |
| Nominal Current at 12V : | 3.0A |
| Nominal Current at 24V : | 1.5A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 20Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 1.5kg |
| IP Rating : | IP68, IP6K9K |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2 |
| Operating Temperature : | -40°C ... 85°C (Overheat protected) |

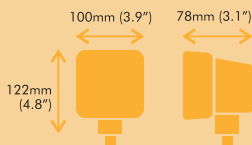


N25 LED X

Features

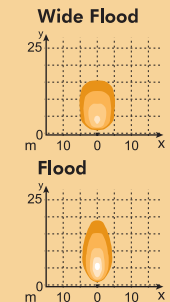
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------------------------------------|--------------------------------------------|
| Theoretical Lumens Output : | 1200lm |
| Operating Lumens Output :N25 LED X non-colour vers. 750lm | |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12 - 80V |
| Input Voltage Range DC : | 9-110V |
| Power Consumption : | 17W |
| Nominal Current at 12V : | 1.5A |
| Nominal Current at 24V : | 0.7A |
| Nominal Current at 48V : | 0.35A |
| Nominal Current at 80V : | 0.22A |
| Electronics : | Integrated – Encapsulated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock/Vibration : | 60G/8Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 1.0kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2, EN 12895 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |

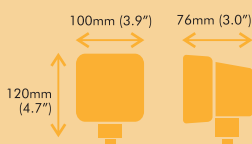


N24 LED

Features

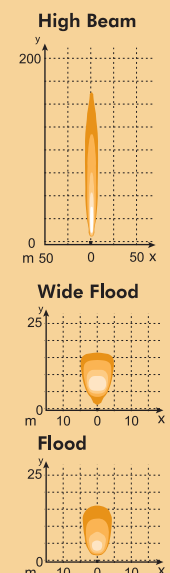
Specifications

Light Patterns



-  Long lifetime.
-  Low maintenance.
-  Waterproof.
-  Heavy Duty construction.
-  Reverse Voltage Protected.
-  EMC.

| | |
|-----------------------------|--------------------------------------------|
| Theoretical Lumens Output : | 900lm |
| Operating Lumens Output : | 570lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12 - 24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 17W |
| Nominal Current at 12V : | 1.4A |
| Nominal Current at 24V : | 0.7A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Built-in AMP |
| Shock/Vibration : | 60G/8Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 0.8kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2, EN 12895 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |



N24 LED HS

Features

Specifications

Light Patterns



Featuring
Handle & Switch

100mm (3.9") 76mm (3.0")



Long lifetime.



Low maintenance.



Waterproof.



Heavy Duty construction.



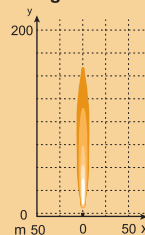
Reverse Voltage Protected.



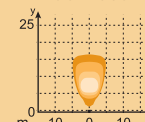
EMC.

| | |
|-----------------------------|--------------------------------------------|
| Theoretical Lumens Output : | 900lm |
| Operating Lumens Output : | 570lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12 - 24V |
| Input Voltage Range DC : | 9-32V |
| Power Consumption : | 17W |
| Nominal Current at 12V : | 1.4A |
| Nominal Current at 24V : | 0.7A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 8Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 0.8kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2, EN 12895 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |

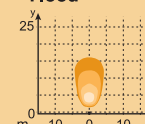
High Beam



Wide Flood



Flood



N10 LED HD

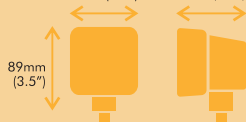
Features

Specifications

Light Patterns



60mm (2.3") 74mm (2.9")



Long lifetime.



Low maintenance.



Waterproof.



Heavy Duty construction.



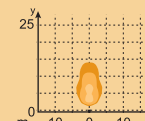
Reverse Voltage Protected.



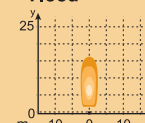
EMC.

| | |
|-----------------------------|--------------------------------------------|
| Theoretical Lumens Output : | 500lm |
| Operating Lumens Output : | 300lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12 - 48V |
| Input Voltage Range DC : | 9-68V |
| Power Consumption : | 6W |
| Nominal Current at 12V : | 0.5A |
| Nominal Current at 24V : | 0.25A |
| Nominal Current at 48V : | 0.13A |
| Electronics : | Integrated – Coated Seal |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock/Vibration : | 60G/15.3 Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 0.4kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2, EN 12895 |
| Operating Temperature : | -40°C... +85°C (Overheat protected) |

Wide Flood



Flood



N10 LED

Features

Specifications

Light Patterns



60mm (2.3") 74mm (2.9")



Long lifetime.



Low maintenance.



Waterproof.



Heavy Duty construction.



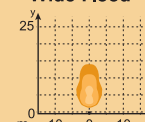
Reverse Voltage Protected.



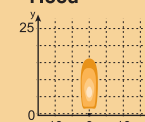
EMC.

| | |
|-----------------------------|--------------------------------------------|
| Theoretical Lumens Output : | 500lm |
| Operating Lumens Output : | 300lm |
| Colour Temperature : | 6000K |
| Nominal Voltage DC : | 12 - 48V |
| Input Voltage Range DC : | 9-68V |
| Power Consumption : | 6W |
| Nominal Current at 12V : | 0.5A |
| Nominal Current at 24V : | 0.25A |
| Nominal Current at 48V : | 0.13A |
| Electronics : | Integrated – Coated Seal |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock/Vibration : | 60G/8 Grms 24-2000Hz |
| Lens : | PC |
| Body : | Aluminium |
| Weight : | 0.4kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2, EN 12895 |
| Operating Temperature : | -40°C... +85°C (Overheat protected) |

Wide Flood




Flood



N70 LED


Features



 Long lifetime.

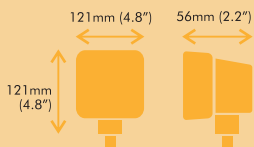
 Low maintenance.

 Waterproof.

 Heavy Duty construction.

 Reverse Voltage Protected.

 EMC.



Specifications

| | |
|--------------------------|--------------------------------------------|
| Approval : | ECE E4 6R & 7R |
| Nominal Voltage DC : | 12 or 24V |
| Input Voltage Range DC : | 8-16V or 18-32V |
| Power Consumption : | Tail 0.4W |
| | Brake 1.4W |
| | Indicator 1.4W |
| Nominal Current at 12V : | Tail 34mA |
| | Brake 116mA |
| | Indicator 116mA |
| Nominal Current at 24V : | Tail 17mA |
| | Brake 58mA |
| | Indicator 58mA |
| Electronics : | Integrated – Epoxy Encapsulated |
| Connector : | 4 Pin Male Terminal 6.3 x 0.8 |
| Mount : | M6x25 2pcs |
| Shock/Vibratio : | 60G/20Grms 24-2000Hz |
| Lens : | PC |
| Body : | Polyamide |
| Weight : | 0.4kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766, ISO 14982, ISO 7637-2, EN 12895 |
| Operating Temperature : | -40°C ... +85°C (Overheat protected) |

Light Patterns


N400 HID BOOSTER

Features



 High Light Output.

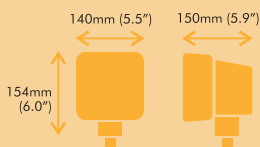
 Gore™ membrane vent installed.

 Different versions for mounting on any required axes.

 Interchangeable Light Unit.

 Waterproof.

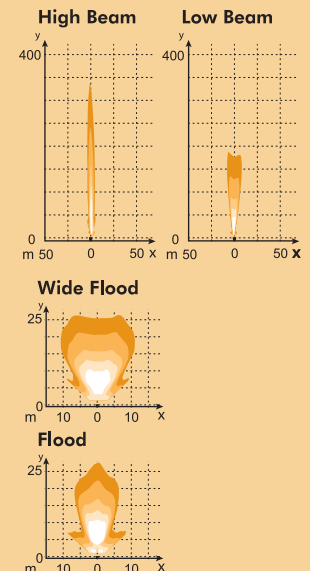
 Heavy Duty Dampening, anti-vibration up to 15.3G & shock resistance up to 50G.



Specifications

| | |
|-----------------------------|----------------------------------|
| Theoretical Lumens Output : | 5200lm |
| Operating Lumens Output : | 3500lm |
| Colour Temperature : | 4250K |
| Nominal Voltage DC : | 12 or 24V |
| Input Voltage Range DC : | 8-16 or 16-32V |
| Bulb : | 35W D1S |
| Nominal Current at 12V : | 4.1A |
| Nominal Current at 24V : | 2.0A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 50G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | Hardened Glass |
| Body : | Glass Fibre Reinforced Polyamide |
| Weight : | 1.3kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| Operating Temperature : | -40°C ... +85°C |

Light Patterns




N400 HID

Features



 High Light Output.

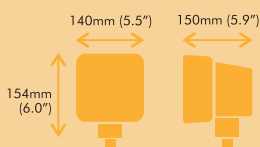
 Gore™ membrane vent installed.

 Different versions for mounting on any required axes.

 Interchangeable Light Unit.

 Waterproof.

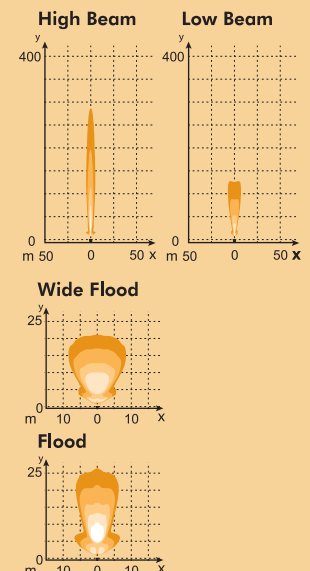
 Heavy Duty Dampening, anti-vibration up to 15.3G & shock resistance up to 50G.



Specifications

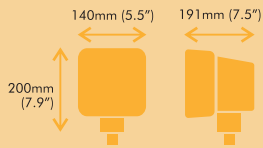
| | |
|-----------------------------|----------------------------------|
| Theoretical Lumens Output : | 3200lm |
| Operating Lumens Output : | 2500lm |
| Colour Temperature : | 4250K |
| Nominal Voltage DC : | 12 or 24V |
| Input Voltage Range DC : | 8-16 or 16-32V |
| Bulb : | 35W D1S |
| Nominal Current at 12V : | 3.0A |
| Nominal Current at 24V : | 1.5A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 50G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | Hardened Glass |
| Body : | Glass Fibre Reinforced Polyamide |
| Weight : | 1.3kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| Operating Temperature : | -40°C ... +85°C |




Light Patterns



N200 HID

Features

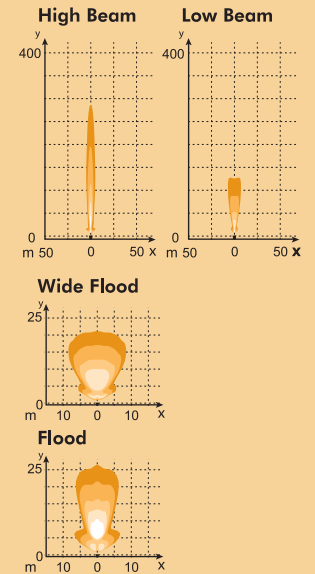


-  High Light Output.
-  Gore™ membrane vent installed.
-  Different versions for mounting on any required axes.
-  Interchangeable Light Unit.
-  Waterproof.
-  Extreme Heavy Duty Dampening, antivibrati-on up to 20G & shock resistance up to 60G.

Specifications

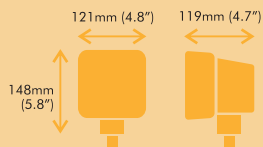
| | |
|-----------------------------|---------------------------------|
| Theoretical Lumens Output : | 3200lm |
| Operating Lumens Output : | 2500lm |
| Colour Temperature : | 4250K |
| Nominal Voltage DC : | 12 or 24V |
| Input Voltage Range DC : | 8-16 or 16-32V |
| Bulb : | 35W D2S |
| Nominal Current at 12V : | 3.4A |
| Nominal Current at 24V : | 1.7A |
| Electronics : | Integrated – Epoxy Encapsulated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 60G |
| Vibration : | 20Grms 24-2000Hz |
| Lens : | Hardened Glass |
| Body : | Aluminium |
| Weight : | 2,4kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO13766 |
| Operating Temperature : | -40°C ... +85°C |







Light Patterns



N45 HID BOOSTER HD

Features

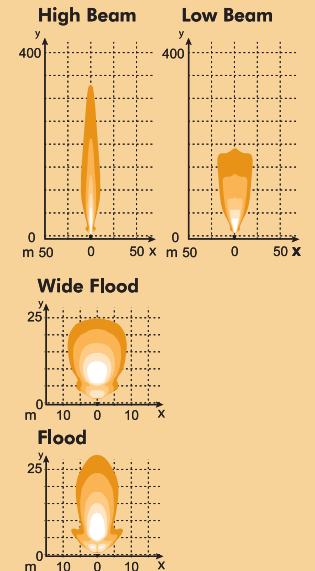


-  High Light Output.
-  Gore™ membrane vent installed.
-  Different versions for mounting on any required axes.
-  Interchangeable Light Unit.
-  Waterproof.
-  Heavy Duty Dampening, anti-vibration up to 15.3G & shock resistance up to 50G.

Specifications

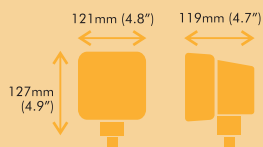
| | |
|-----------------------------|--------------------|
| Theoretical Lumens Output : | 5200lm |
| Operating Lumens Output : | 3500lm |
| Colour Temperature : | 4250K |
| Nominal Voltage DC : | 12 or 24V |
| Input Voltage Range DC : | 8-16 or 16-32V |
| Bulb : | 35W D1S |
| Nominal Current at 12V : | 4.1A |
| Nominal Current at 24V : | 2.0A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 50G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | Hardened glass |
| Body : | Aluminium |
| Weight : | 1.2kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| Operating Temperature : | -40°C ... +85°C |

Light Patterns



N45 HID

Features

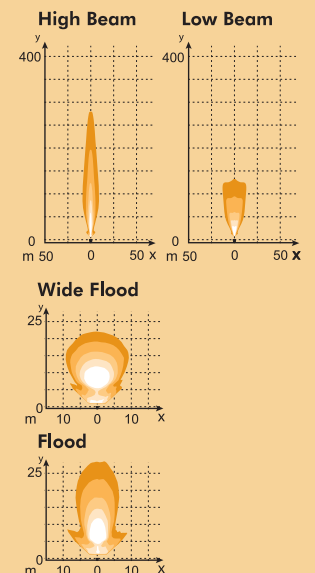


-  High Light Output.
-  Gore™ membrane vent installed.
-  Different versions for mounting on any required axes.
-  Interchangeable Light Unit.
-  Waterproof.
-  Heavy Duty Dampening, anti-vibration up to 15.3G & shock resistance up to 50G.

Specifications

| | |
|-----------------------------|--------------------|
| Theoretical Lumens Output : | 3200lm |
| Operating Lumens Output : | 2500lm |
| Colour Temperature : | 4250K |
| Nominal Voltage DC : | 12 or 24V |
| Input Voltage Range DC : | 8-16 or 16-32V |
| Bulb : | 35W D1S |
| Nominal Current at 12V : | 3.0A |
| Nominal Current at 24V : | 1.5A |
| Electronics : | Integrated |
| Connector : | Built-in Deutsch |
| Mount : | Single Bolt M10 |
| Shock : | 50G |
| Vibration : | 15.3Grms 24-2000Hz |
| Lens : | Hardened glass |
| Body : | Aluminium |
| Weight : | 1.1kg |
| IP Rating : | IP68 |
| Salt Mist : | ISO 9227 240H |
| EMC : | ISO 13766 |
| Operating Temperature : | -40°C ... +85°C |

Light Patterns



Real Time GPS Fleet Tracking and Asset Recovery Solutions



GSM-TAG

Battery Operated GSM Asset Tracking Tag

- GSM-TAG provides quick “Slap and Map” deployment without need for power, antenna or wiring.
- Long lasting, field replaceable battery included.
- Cost effective solution for both fixed and mobile assets such as inter-modal shipping containers, trailers, machinery, motorcycles, buoys, boats and barges.
- Internal accelerometer sensor detects when asset is in motion.
- Compact size for installation on almost any container or asset.



GSM-FLEET

Wire-In Advanced Featured Vehicle Tracking Device

- GSM-FLEET is an ideal solution for fleet management, automotive insurance, stolen vehicle, auto rental, leasing and other vehicle tracking applications.
- Easily installed virtually anywhere in the vehicle.
- Superior GPS & cellular network performance; built-in 3-axis accelerometer for motion/tilt sense
- Advanced features include trip reports with miles/km driven, excessive engine idle alerts, panic alerts, remote door unlock, engine disable.



GSM-OBD

Plug-n-Play Advanced Featured Vehicle Tracking Device

- GSM-OBD is a simple, plug-n-play Real-Time GPS Tracking System plugs into virtually any vehicle's OBD-II port.
- No wiring or antennas required
- Compact, lightweight, low profile design.
- Easily configurable alerts including geofence zone violation, engine stops, excessive idle time, speed.
- Customized, exportable reports per group or device with stop, idle, speed and trips with miles driven

All Satellite and GSM tracking devices require an active service plan to work.

IPX360 Solutions Inc offers a variety of basic and customized plans suited to most needs. Our technology partner is one of the world's largest machine-to-machine (M2M) solutions and service providers for enterprise and government.

IPX360 Tracking Service plans include easy asset management from virtually any Internet connected computer or mobile device with user configurable geofencing, over-speed alerts and other exception notifications, ensuring that assets are where they should be as well as safe at all times

