



DELTEK® Quasar Specifications

A Class I LED Warning Beacon Built to Last



Ultra low 1.5 amp current draw at 12 VDC

Compare this to conventional comparably intense strobes with a current draw of 2-8 amps at 12 VDC. The actual amount of current draw is flash pattern dependent. Vehicles can run the Deltek Quasar for weeks longer than outdated xenon or halogen technologies without worry or dead batteries.

12-24 VDC supply voltage range

Strobe self-adjusts to the input voltage automatically

Battery Monitor

This is a user selectable feature. When engaged, the strobe will alert the user of the equipment power supply dropping below normal operating voltage levels by flashing a warning code consisting in 2 short flashes then 2 long flashes, drawing extremely low current and virtually eliminating dead equipment batteries when left on. Monitors both 12 and 24 volt batteries.

Safer to Operate

Very low operating temperature and low circuitry voltage make this, one of the safest strobes to operate on the market today. On the other hand, both xenon flash tubes and halogen lamps have significant shock and/or explosion hazards.

Auto Reverse Indicator

This feature is a quantum leap in technology for strobe lighting. When the setting is chosen a very distinctive flash pattern initiates when the vehicle is put in to reverse. This feature provides an added degree of safety by activating a visual warning along with the normal audio warning when the vehicle is backing up.

Photocell

Another user selectable feature. This allows the user to operate the Deltek Quasar at full intensity (Class II) at night.

Outstanding Color Rendering

True color clarity throughout the viewing distance of the warning beacon. As opposed to xenon strobes which lose their color over distance.

SAE J845 Certification

The first LED warning beacon to meet SAE Class I in red and amber. It exceeds SAE J1318 specifications.

Multiple Flash Patterns with Each Strobe

This feature is a quantum leap in technology lighting. The flash pattern may be selected and changed throughout the life of the strobe by simply removing the lens and changing the positions of dip switches located internally. This feature along with many other features make the Deltek Quasar the most operationally flexible mobile equipment strobe on the market today. Users may select from the following alternatives.

- Double
- Quad
- Action
- Random

Reverse Popularity & Short Circuit Protected

If cross wired or short circuited, the strobe will simply not function. Once the fault condition is corrected, the strobe is back in operation. This protection is unlike most xenon flash tube strobes.

Warranty

5 years against all manufacturing defects.

Design Life of 50,000 Hours plus

Over 5 years at continuous 24/7 duty. Older technologies often burn out in months.

No GPS, Radio or Laser Interference

Unlike xenon flash tubes, Deltek Smart strobes do not introduce interference into communication radio, CB radio, GPS or cellular phone transmissions. Additionally, laser leveling equipment and auto darkening welding shields are not affected by the Deltek Quasar.

Tremendous Vibration & Impact Intolerance

The solid state design along with potted electronics means this warning beacon will withstand phenomenal impact. It has been independently tested to withstand a 200 G impact 10, 000 times.

Clear Lexan Lens

In addition to providing terrific shock and impact intolerance, the clear Lexan lens enhances the color rendering of the LED's. The clear appearance when not illuminated is an advantage in complying with local regulations regarding amber, red or blue strobes in public roadways when the strobe is turned off.

Daylight Intensity

The full 360° high intensity allows for protection during daylight hours.

Easy Access to User Settings

The user settings are quickly accessible by removing four screws and the lens.

Aluminum Base

Extremely durable powder coated epoxy painted base will provide years of durable protection for the electronics.

Water Resistant

Independently tested to withstand the most abusive operation conditions and environments.

Direct, Magnetic or Pipe Mount

May be ordered as a direct mount or as a magnetic base with a 12' lighter plug cord. Optional 3/4" NPT pipe mount kit.

Dimensions

7.375" diameter and 6" tall
Direct Mount – 3.0 lbs.
Magnetic Mount – 3.5 lbs.

Ordering Information

QUASAR*DIR – Direct Mount
QUASAR*MAG – Magnetic Mount
QUASARPIPE – 3/4" NPT pipe mount kit

*Insert color in part # in place of this symbol

A–Amber R–Red B–Blue
G–Green W–White

TECHNOLOGY	CURRENT DRAW AT 12 VD	TYPICAL LAMP LIFE	SCHEDULED MAINTENANCE OVER A 5 YR PERIOD OPERATION 24/7	SHOCK OR EXPLOSION HAZARD	VIBRATION TOLERANCE	SAE CERTIFICATION	FLASH PATTERNS	COMPLETE WARRANTY
DELTEK Quasar	Less than 1.5 amp pulsed	50,000 hours plus	None	No	Very High	Class I	Multiple – Adjustable	Yes
Typical Xenon	2 – 5 amps – Continuous	500 – 2,000 hrs.	Every 5 – 14 Months	Yes	Minimal	Class II	Single – Fixed	No
Typical Rotating Halogen	4 – 8 amps – Continuous	200 – 1,000 hrs.	Every 8 – 165 days	Yes	Poor	Class II	Single – Fixed	No



DELTEK[®] Excel Specifications



The Best Warning Beacon Value on the Market!

Ultra low 1.5 amp current draw at 12 VDC

Compare this to conventional, comparably intense strobes with a current draw of 2-8 amps at 12 VDC. Vehicles can run the Deltek Excel for weeks longer than outdated xenon or halogen technologies without worry or dead batteries.

Reverse Polarity & Short Circuit Protected

If cross wired or short circuited, the strobe will simply not function. Once the fault condition is corrected, the beacon is back in operation. This protection is unlike most xenon flash tube strobes.

Safer to Operate

Very low operating temperature and low circuitry voltage make this, one of the safest strobes to operate on the market today. On the other hand, both xenon flash tubes and halogen lamps have significant shock and/or explosion hazards.

Independently Tested for:

- *Photo Metrics
- *Durability
- *Corrosion
- *Water Resistance
- *High level shock tested
- *Moisture
- *Dust
- *Extreme Temperatures

Daylight Intensity

The full 360° high intensity allows for protection during daylight hours.

Outstanding Color Rendering

True color clarity throughout the viewing distance of the warning beacon. As opposed to xenon strobes which lose their color over distance.

SAE J845 Certification

SAE Class II in amber and SAE Class I in Red. Exceeds SAE J1318 classifications.

Clear Lexan Lens

In addition to providing terrific shock and impact tolerance, the clear Lexan lens enhances the color rendering of the LED's. The clear appearance when not illuminated is an advantage in complying with local regulations regarding amber, red or blue strobe lights on public roadways when the strobe is turned off.

Water Resistance

The case is designed with the most abusive operating conditions and environments in mind.

Warranty

5 years against all manufacturing defects.

Design Life of 50,000 Hours plus

Over 5 years at continuous 24/7 duty. On the other hand older technologies often burn out in months.

No Radio, Laser or GPS Interference

Unlike xenon flash tubes, Deltek Smart strobes do not introduce interference into communication radio, CB radio, GPS or cellular phone transmissions. Additionally, laser leveling equipment and auto darkening welding shields are not affected by the Deltek Excel.

Tremendous Vibration & Impact Intolerance

The solid state design along with potted electronics means this warning beacon will withstand phenomenal impact. It has been independently tested to withstand a 200 G impact 10,000 times.

Rust and Corrosion Resistant

The case is a composite material which eliminates rust and corrosion.

12 – 24 VDC Supply Voltage Range

Strobe self-adjusts to the input voltage automatically.

6/6 Nylon Fiberglass Composite Base

This tough, UV stabilized base will provide years of durable protection for the electronics.

Direct, Magnetic or Pipe Mount

May be ordered as a direct mount or as a magnetic base with a 12' lighter plug cord. Optional 3/4" NPT pipe mount kit.

Compact Dimensions

5.25 inch width x 4.5 inch height

Weight

Direct Mount – 1.5 lbs.
Magnetic Mount – 2.0 lbs.

Ordering Information

EXCEL*DIR – Direct Mount
EXCEL*MAG – Magnetic Mount
EXCELPIPE – 3/4" NPT pipe mount kit

*Insert color in part # in place of this symbol

A–Amber R–Red B–Blue
G–Green W–White

TECHNOLOGY	CURRENT DRAW AT 12 VD	TYPICAL LAMP LIFE	SCHEDULED MAINTENANCE OVER A 5 YR PERIOD OPERATION 24/7	SHOCK OR EXPLOSION HAZARD	VIBRATION TOLERANCE	COMPLETE WARRANTY	FLASH PATTERNS	COMPLETE WARRANTY
DELTEK Excel	Less than 1 amp - pulsed	50,000 hours plus	None	No	Very High	Yes	Multiple – Adjustable	Yes
Typical Xenon	2 – 5 amps – Continuous	4,000 – 10,000 hrs.	Every 5 – 14 Months	Yes	Minimal	No	Single – Fixed	No
Typical Rotating Halogen	4 – 8 amps – Continuous	200 – 4,000 hrs.	Every 8 – 165 days	Yes	Poor	No	Single – Fixed	No



DELTEK® 360 Specifications



This Revolutionary LED Beacon will change the way you look at Strobe Lights

Ultra low 1.5 amp current draw at 12 VDC

Compare this to conventional, comparably intense strobes with a current draw of 2-8 amps at 12 VDC. Vehicles can run the Deltek 360 for weeks longer than outdated xenon or halogen technologies without worry or dead batteries.

12 – 24 VDC Supply Voltage Range

Strobe self-adjusts to the input voltage automatically.

Battery Monitor

This is a user selectable feature. When engaged, the strobe will alert the user of the equipment power supply dropping below normal operating voltage levels by flashing a warning code consisting of 2 shorts flashes then 2 long flashes, drawing extremely low current and virtually eliminating dead equipment batteries when left on.

Reverse Polarity & Short Circuit Protected

If cross wired or short circuited, the strobe will simply not function. Once the fault condition is corrected, the beacon is back in operation. This protection is unlike most xenon flash tube strobes.

Safer to Operate

Very low operating temperature and low circuitry voltage make this, one of the safest strobes to operate on the market today. On the other hand, both xenon flash tubes and halogen lamps have significant shock and/or explosion hazards.

Daylight Intensity

The full 360° high intensity allows for protection during daylight hours as well as darkness.

Photocell

Another user selectable feature, when engaged, the strobe will either automatically decrease the intensity to 50% under darker conditions, or shut off during the day and run only at night.

Outstanding Color Rendering

True color clarity throughout the viewing distance of the warning beacon. As opposed to xenon strobes which lose their color over distance.

Multiple Flash Patterns with EACH Strobe

This feature offers greater flexibility and added safety by changing the pattern. The flash pattern may be selected and changed throughout the life of the strobe by simply removing the lens and changing the positions of dip switches located internally. This feature, along with many other features makes the Deltek 360 the most operationally flexible mobile equipment strobe on the market today. Users may select from the following sixteen alternatives:

- *Single
- *Double #1
- *Double #2
- *Triple
- *Quad #1
- *Quad #2
- *Random #1
- *Random #2
- *Random #3
- *Action #1
- *Action #2
- *Ramp Up/Down
- *Rotating Slow
- *Rotating Medium
- *Rotating Fast
- *Rotating Sweeping

Warranty

5 years against all manufacturing defects.

Design life of 50,000 hours plus

Over 5 years at continuous, 24/7 duty. On the other hand, older technologies often burnout in months.

No Radio, Laser or GPS Interference

Unlike xenon flash tubes, Deltek Smart strobes do not introduce interference into communication radio, CB radio, GPS or cellular phone transmissions. Additionally, laser leveling equipment is not affected by the Deltek 360.

Tremendous Vibration & Impact Intolerance

The solid state design along with potted electronics means this warning beacon will withstand phenomenal impact. It has been independently tested to withstand a 200 G impact 10, 000 times.

Clear Lexan Lens

In addition to providing terrific shock and impact tolerance, the clear Lexan lens enhances the color rendering of the LED's. The clear appearance when not illuminated is an advantage in complying with local regulations regarding amber, red or blue strobes on public roadways when the strobe is turned off.

SAE J845 Certification

Amber is SAE Class 2 and Red is SAE Class 1. The D360 exceeds SAE J1318 classification.

Easy Access to User Settings

The use settings are quickly accessible by removing three screws and the lens.

6/6 Nylon Fiberglass Composite Base

This tough, UV stabilized base will provide years of durable protection for the electronics.

Water Resistance

The case is designed with the most abusive operating conditions and environments in mind.

Rust and Corrosion Resistant

The case is a composite material which eliminates rust and corrosion.

Direct, Magnetic or Pipe Mount

May be ordered as a direct mount or as a magnetic base with a 12' lighter plug cord. Optional 3/4" NPT pipe mount kit.

Weight and Dimensions

5.25 inch width x 4.5 inch height. Direct mount weighs 1.5 lbs. Magnetic weighs 2.0 lbs. and Battery pack weighs 10 lbs.

Ordering Information

EXCEL*DIR – Direct Mount
EXCEL*MAG – Magnetic Mount
EXCELPIPE – 3/4" NPT pipe mount kit

*Insert color in part # in place of this symbol

A-Amber R-Red B-Blue
G-Green W-White

TECHNOLOGY	CURRENT DRAW AT 12 VD	TYPICAL LAMP LIFE	SCHEDULED MAINTENANCE OVER A 5 YR PERIOD OPERATION 24/7	SHOCK OR EXPLOSION HAZARD	VIBRATION TOLERANCE	FLASH PATTERNS	COMPLETE WARRANTY
DELTEK 360	Less than 1 amp - pulsed	50,000 hours plus	None	No	Very High	Multiple - Adjustable	Yes
Typical Xenon	2 – 5 amps – Continuous	4,000 – 10,000 hrs.	Every 5 – 14 Months	Yes	Minimal	Single - Fixed	No
Typical Rotating Halogen	4 – 8 amps – Continuous	200 – 4,000 hrs.	Every 8 – 165 days	Yes	Poor	Single - Fixed	No

DELTEK® 180 Specifications



This Directional LED Strobe Light is packed with Outstanding Features



Ultra low 1.5 amp current draw at 12 VDC

Compare this to conventional, comparably intense strobes with a current draw of 2-8 amps at 12 VDC. The actual amount of current draw is the flash pattern dependent. Vehicles can run the Deltek 180 for weeks longer than outdated xenon or halogen technologies without worry or dead batteries.

12 – 24 VDC Supply Voltage Range

Strobe self-adjusts to the input voltage automatically.

Battery Monitor

This is a user selectable feature. When engaged, the strobe will alert the user of the equipment power supply dropping below normal operating voltage levels by flashing a warning code consisting of 2 shorts flashes then 2 long flashes, drawing extremely low current and virtually eliminating dead equipment batteries when left on.

Reverse Polarity & Short Circuit Protected

If cross wired or short circuited, the strobe will simply not function. Once the fault condition is corrected, the beacon is back in operation. This protection is unlike most xenon flash tube strobes.

Independently Tested for:

- *Photometrics
- *High level shock
- *Durability
- *Moisture
- *Corrosion
- *Dust
- *Water Resistant
- *Extreme Temperatures

Warranty

5 years against all manufacturing defects.

Photocell

Another user selectable feature, when engaged, the strobe will either automatically decrease the intensity to 50% under darker conditions, or shut off during the day and run only at night.

Outstanding Color Rendering

True color clarity throughout the viewing distance of the warning beacon. As opposed to xenon strobes which lose their color over distance.

Auto Reverse Indicator

This feature is a quantum leap in technology for warning beacons. When the setting is chosen a very distinctive flash pattern initiates when the vehicle is put into reverse. This feature provides an added degree of safety by activating a visual warning along with the normal audio warning when the vehicle is backing up.

Triangular Shape

Gives superior strength and allows rock and other debris to be deflected virtually eliminating cracked or broken lenses.

Multiple Flash Patterns with EACH Strobe

The flash pattern may be selected and changed throughout the life of the strobe by simply removing the lens and changing the positions of dip switches located internally. This feature, along with many other features makes the Deltek 180 the most operationally flexible mobile equipment strobe on the market today. Users may select from the following alternatives:

- *Single
- *Double
- *Quad
- *Random

Design life of 50,000 hours plus

Over 5 years at continuous, 24/7 duty. On the other hand, older technologies often burnout in months.

No Laser or GPS Interference

Unlike xenon flash tubes, Deltek Smart strobes do not introduce interference into CB radio, GPS or cellular phone transmissions. Additionally, laser leveling equipment is not affected by the Deltek 180.

Tremendous Vibration & Impact Intolerance

The solid state design with no moving parts or filaments, along with the Lexan lens, composite base and triangular shape result in a strobe that can take abuse. The Deltek 180 will withstand phenomenal impact. This was independently tested at 200 Gs 10,000 times.

Clear Lexan Lens

In addition to providing terrific shock and impact tolerance, the clear Lexan lens enhances the color rendering of the LED's.

Safer to Operate

Very low operating temperature and low circuitry voltage make this, one of the safest strobes to operate on the market today. On the other hand, both xenon flash tubes and halogen lamps have significant shock and/or explosion hazards.

Easy Access to User Settings

The use settings are quickly accessible by removing four screws and the lens.

6/6 Nylon Fiberglass Composite Base

This tough, UV stabilized base will provide years of durable protection for the electronics.

Water Resistance

The case is designed with the most abusive operating conditions and environments in mind.

Daylight Intensity

The full 360° high intensity allows for protection during daylight hours as well as darkness.

Rust and Corrosion Resistant

The case is a composite material which eliminates rust and corrosion.

Direct, Magnetic or Pipe Mount

May be ordered as a direct mount or as a magnetic base with a 12' lighter plug cord or self-sustaining on it's own power source.

Weights and Dimensions

Direct Mount – 1.0 lbs.
Magnetic Mount – 1.5 lbs.
Battery Pack – 10.5 lbs.
Battery Pack with Magnet – 11 lbs.
6.375x5.5x5.375 inches.

Ordering Information

D180*DIR – Direct Mount
D180*MAG – Magnetic Mount
D180*BP – Battery Pack
D180*BP MAG – Battery Pack with Magnet

*Insert color in part # in place of this symbol

A-Amber R-Red B-Blue
G-Green W-White



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