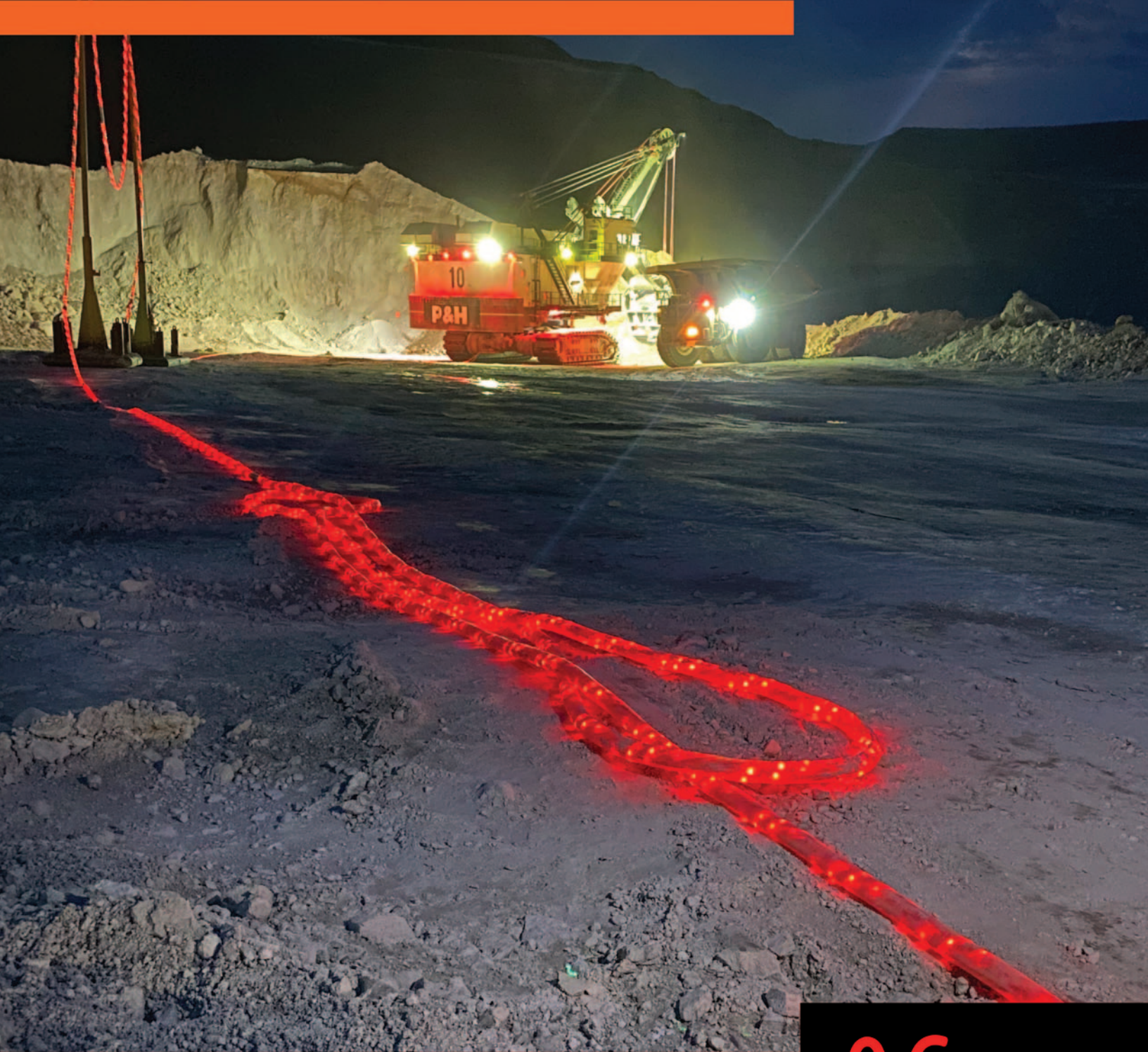


ACTIV'LIGHT™

TIGER® BRAND SHD-GC
TRAILING CABLES





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ACTIV'LIGHT JACKET OVERVIEW

- ACTIV'LIGHT's clear TPU jacket is designed for extremely abrasive environments. Compared to Tiger® Brand CPE jackets, TPU offers:
 - **5X** more abrasion resistance
 - **2X** more tear resistance and tensile strength
 - Up to **8% less** jacket weight
- Heavy-duty high-voltage portable power cable for use in circuits not exceeding the rated voltage.
- Recommended maximum continuous conductor temperature 90°C.
- Available in 2kV - 25kV.



Made in America

Tiger® Brand is a registered trademark of AmerCable Incorporated



The High Visibility of ACTIV'LIGHT Helps Prevent Runover Incidents



Available with White (standard), RED, Green or Blue LED Lights



36-502/14

ACTIV'LIGHT 2KV - 5KV • TYPE SHD-GC



LED Assembly

Shielded single with energy harvesting tape for illumination, and fillers as required. White LED lights are standard.

Fillers

Assembly

Mylar taped core with clear TPU fillers

Ground Wires (2)

Flexible tinned copper

Ground Check Conductor

Flexible tinned copper with yellow polypropylene insulation

Conductors (3)

- Flexible tinned copper
- Non-conducting tape
- Insulation: 90°C ethylene-propylene rubber (EPR)
- Separator tape
- Insulation shielding composed of tinned copper and color-coded nylon braid.

Jacket¹

Clear Thermoplastic Polyurethane (TPU) Jacket. Cable identification via permanent marking.

APPLICATION

Heavy duty portable power cable for use in circuits not to exceed recommended voltage. Designed for applications such as shovels and powerfeeders where grounding conductors, a ground check conductor and metallic shielding are required.

ACTIV'LIGHT uses induced voltage to light up the cable during mining activity. This higher level of visibility helps prevent runovers and costly downtime.

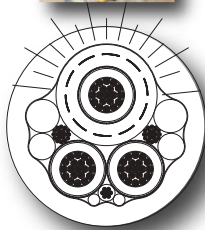
Recommended maximum continuous conductor temperature is 90°C.

Tiger® Brand cables meet or exceed ICEA Standard S-75-381/NEMA WC-58.

RATINGS & APPROVALS

ACTIV'LIGHT LED lighting is an add-on to Tiger® Brand mining cables, which are compliant to:

- Mine Safety & Health Administration 184-MSHA
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381/NEMA WC-58. Design standard for mining cables.



Available in White (standard), Red, Green or Blue LEDs.

2000 VOLT 36-502 SHD-GC

| 36-502- | Power Conductors | | Grounds | Jacket Thickness in. | Ground Check Conductor Size AWG | Nominal Outside Dimensions in. | Approx. Weight lbs. per 1,000 ft. | Ampacity* |
|-----------|-------------------|--------------------------|----------|----------------------|---------------------------------|--------------------------------|-----------------------------------|-----------|
| | Size AWG or kcmil | Insulation Thickness in. | Size AWG | | | | | |
| 250Lights | 250 | .095 | 1/0 | .235 | 6 | 2.800 | 5588 | 355 |
| 350Lights | 350 | .095 | 2/0 | .265 | 6 | 3.130 | 7336 | 435 |
| 500Lights | 500 | .095 | 4/0 | .280 | 6 | 3.445 | 9637 | 536 |

5000 VOLT 36-514 SHD-GC

| 36-514- | Power Conductors | | Grounds | Jacket Thickness in. | Ground Check Conductor Size AWG | Nominal Outside Dimensions in. | Approx. Weight lbs. per 1,000 ft. | Ampacity* |
|-----------|-------------------|--------------------------|----------|----------------------|---------------------------------|--------------------------------|-----------------------------------|-----------|
| | Size AWG or kcmil | Insulation Thickness in. | Size AWG | | | | | |
| 020Lights | 2/0 | .110 | 3 | .235 | 8 | 2.575 | 4024 | 243 |
| 030Lights | 3/0 | .110 | 2 | .235 | 8 | 2.725 | 4660 | 279 |
| 040Lights | 4/0 | .110 | 1 | .250 | 6 | 2.875 | 5444 | 321 |
| 250Lights | 250 | .120 | 1/0 | .250 | 6 | 2.983 | 6112 | 355 |
| 350Lights | 350 | .120 | 2/0 | .265 | 6 | 3.328 | 7810 | 435 |
| 500Lights | 500 | .120 | 4/0 | .280 | 6 | 3.603 | 10022 | 536 |

¹ All cables have clear TPU jacket. *Ampacity – Based on continuous duty at 90°C conductor temperature and 40°C ambient.



36-518/21

ACTIV'LIGHT 8KV - 15KV • TYPE SHD-GC

Fillers

LED Assembly

Shielded single with energy harvesting tape for illumination, and fillers as required. White LED lights are standard.

Assembly

Mylar taped core with clear TPU fillers

Ground Wires (2)

Flexible tinned copper

Ground Check Conductor

Flexible tinned copper with yellow polypropylene insulation

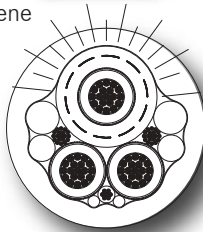


Conductors (3)

- Flexible tinned copper
- Strand shield: semi-conducting layer
- Insulation: 90°C ethylene-propylene rubber (EPR)
- Insulation shielding: semi-conducting tape
- Tinned copper and color-coded nylon braid

Jacket¹

Clear Thermoplastic Polyurethane (TPU) Jacket. Cable identification via permanent marking.



Available in White (standard), Red, Green or Blue LEDs.

APPLICATION

Heavy duty portable power cable for use in circuits not to exceed recommended voltage. Designed for applications such as shovels and powerfeeders where grounding conductors, a ground check conductor and metallic shielding are required.

ACTIV'LIGHT uses induced voltage to light up the cable during mining activity. This higher level of visibility helps prevent runovers and costly downtime.

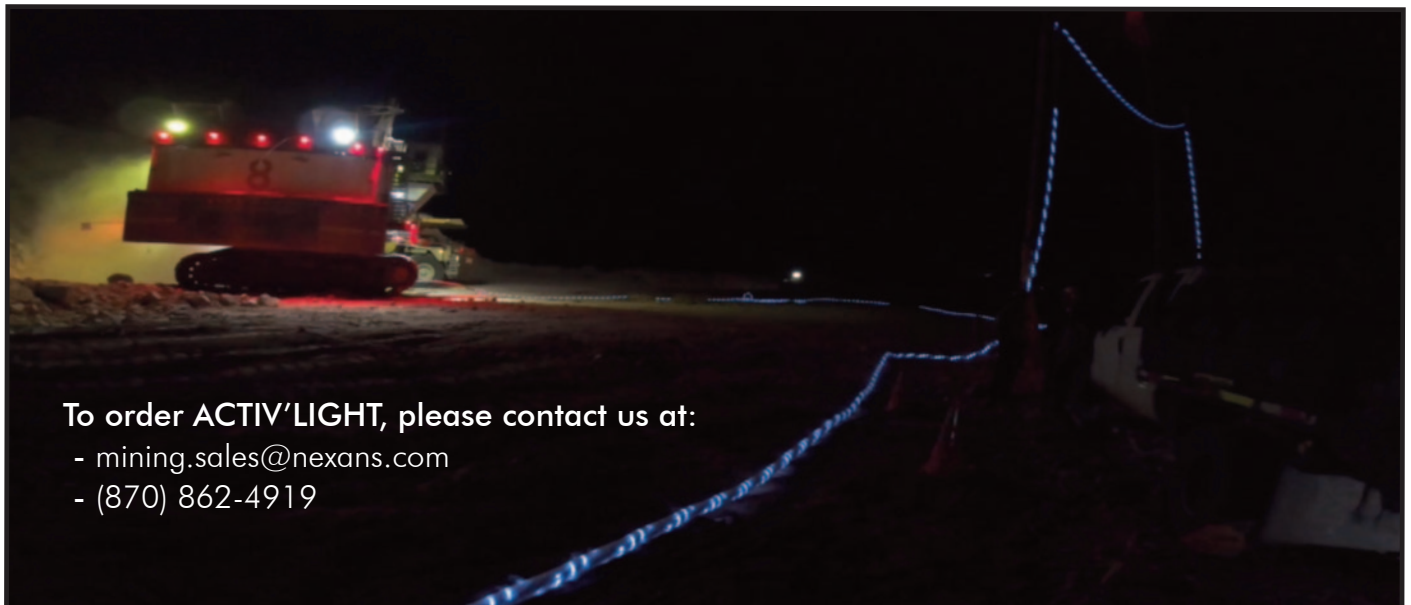
Recommended maximum continuous conductor temperature is 90°C.

Tiger® Brand cables meet or exceed ICEA Standard S-75-381/NEMA WC-58.

RATINGS & APPROVALS

ACTIV'LIGHT LED lighting is an add-on to Tiger® Brand mining cables, which are compliant to:

- Mine Safety & Health Administration 184-MSHA
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381/NEMA WC-58. Design standard for mining cables.



To order ACTIV'LIGHT, please contact us at:

- mining.sales@nexans.com
- (870) 862-4919

8000 VOLT
36-518 SHD-GC

| 36-518- | Power Conductors | | Grounds | Jacket Thickness in. | Ground Check Conductor Size AWG | Nominal Outside Dimensions in. | Approx. Weight lbs. per 1,000 ft. | Ampacity* |
|-----------|-------------------|--------------------------|----------|----------------------|---------------------------------|--------------------------------|-----------------------------------|-----------|
| | Size AWG or kcmil | Insulation Thickness in. | Size AWG | | | | | |
| 020Lights | 2/0 | .150 | 3 | .235 | 8 | 2.775 | 4324 | 243 |
| 030Lights | 3/0 | .150 | 2 | .250 | 8 | 2.930 | 5077 | 279 |
| 040Lights | 4/0 | .150 | 1 | .250 | 6 | 3.045 | 5748 | 321 |
| 250Lights | 250 | .150 | 1/0 | .265 | 6 | 3.190 | 6596 | 355 |
| 350Lights | 350 | .150 | 2/0 | .280 | 6 | 3.480 | 8258 | 435 |
| 500Lights | 500 | .150 | 4/0 | .295 | 6 | 3.835 | 10791 | 536 |

15000 VOLT
36-521 SHD-GC

| 36-521- | Power Conductors | | Grounds | Jacket Thickness in. | Ground Check Conductor Size AWG | Nominal Outside Dimensions in. | Approx. Weight lbs. per 1,000 ft. | Ampacity* |
|-----------|-------------------|--------------------------|----------|----------------------|---------------------------------|--------------------------------|-----------------------------------|-----------|
| | Size AWG or kcmil | Insulation Thickness in. | Size AWG | | | | | |
| 001Lights | 1 | .210 | 5 | .250 | 8 | 2.860 | 4247 | 187 |
| 010Lights | 1/0 | .210 | 4 | .250 | 8 | 2.975 | 4721 | 215 |
| 020Lights | 2/0 | .210 | 3 | .250 | 8 | 3.010 | 4767 | 246 |
| 030Lights | 3/0 | .210 | 2 | .265 | 8 | 3.230 | 5913 | 283 |
| 040Lights | 4/0 | .210 | 1 | .265 | 6 | 3.405 | 6792 | 325 |
| 250Lights | 250 | .210 | 1/0 | .280 | 6 | 3.530 | 7616 | 359 |
| 350Lights | 350 | .210 | 2/0 | .295 | 6 | 3.775 | 9097 | 437 |
| 500Lights | 500 | .210 | 4/0 | .295 | 6 | 4.040 | 11384 | 534 |

¹ All cables have clear TPU jacket.

* Ampacity – Based on continuous duty at 90°C conductor temperature and 40°C ambient.

To order ACTIV'LIGHT, please contact us at:

- mining.sales@nexans.com
- (870) 862-4919



**Higher Visibility
at Night Helps
Prevent Runovers**



36-526

ACTIV'LIGHT 25KV • TYPE SHD-GC

Fillers

LED Assembly

Shielded single with energy harvesting tape for illumination, and fillers as required. White LED lights are standard.

Assembly

Mylar taped core with clear TPU fillers

Ground Wires (2)

Flexible tinned copper

Ground Check Conductor

Flexible tinned copper with yellow polypropylene insulation



Conductors (3)

- Flexible tinned copper
- Strand shield: semi-conducting layer
- Insulation: 90°C ethylene-propylene rubber (EPR)
- Insulation shielding: semi-conducting rubber and semi-conducting tape
- Tinned copper and color-coded nylon braid

Jacket¹

Clear Thermoplastic Polyurethane (TPU) Jacket. Cable identification via permanent marking.

APPLICATION

Heavy duty portable power cable for use in circuits not to exceed recommended voltage. Designed for applications such as shovels and powerfeeders where grounding conductors, a ground check conductor and metallic shielding are required.

ACTIV'LIGHT uses induced voltage to light up the cable during mining activity. This higher level of visibility helps prevent runovers and costly downtime.

Recommended maximum continuous conductor temperature is 90°C.

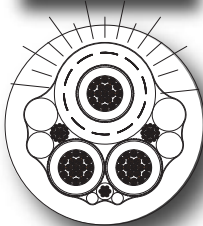
Tiger® Brand cables meet or exceed ICEA Standard S-75-381/NEMA WC-58.

RATINGS & APPROVALS

ACTIV'LIGHT LED lighting is an add-on to Tiger® Brand mining cables, which are compliant to:

- Mine Safety & Health Administration 184-MSHA
- Pennsylvania Department of Environmental Protection P-184.
- Insulated Cable Engineers Association S-75-381/NEMA WC-58. Design standard for mining cables.

Available in White (standard), Red, Green or Blue LEDs.



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- (870) 862-4919

25000 VOLT 36-521 SHD-GC

| 36-526- | Power Conductors | | Grounds | Jacket Thickness in. | Ground Check Conductor Size AWG | Nominal Outside Dimensions in. | Approx. Weight lbs. per 1,000 ft. | Ampacity* |
|-----------|-------------------|--------------------------|----------|----------------------|---------------------------------|--------------------------------|-----------------------------------|-----------|
| | Size AWG or kcmil | Insulation Thickness in. | Size AWG | | | | | |
| 001Lights | 1 | .260 | 5 | .265 | 8 | 3.275 | 5167 | 191 |
| 010Lights | 1/0 | .260 | 4 | .280 | 8 | 3.420 | 5739 | 218 |
| 020Lights | 2/0 | .260 | 3 | .280 | 8 | 3.520 | 6312 | 249 |
| 030Lights | 3/0 | .260 | 2 | .280 | 8 | 3.630 | 6901 | 286 |
| 040Lights | 4/0 | .260 | 1 | .295 | 6 | 3.815 | 7856 | 327 |
| 250Lights | 250 | .260 | 1/0 | .295 | 6 | 3.925 | 8564 | 360 |
| 350Lights | 350 | .260 | 2/0 | .310 | 6 | 4.190 | 10297 | 439 |

¹ All cables have clear TPU jacket.

*Ampacity – Based on continuous duty at 90°C conductor temperature and 40°C ambient.

FACTORY INSTALLED CABLE ASSEMBLIES



- Lower Overall Cost
- Enhanced Reliability
- Reduced Installation Time

Your cable assembly, built to your exact specifications, arrives ready for immediate use. Reduced prep, handling and installation time and no need to maintain an expensive connector inventory.

TRAINING, EDUCATION & SUPPORT



Our mine-experienced field engineers are available 24/7 for on-site evaluation and productivity solutions. They also conduct education and training sessions that address safety, splicing and cable handling practices.

No other cable manufacturer offers this high level of value and solutions!

ACTIV'LIGHT™

TIGER® BRAND SHD-GC TRAILING CABLES



Since the electrification of mines, our company's core business has been powering mine equipment.

Surface or underground – Nexans AmerCable has a cable productivity solution for you. Our innovatively engineered and manufactured Tiger® Brand cable line is designed for your toughest conditions.

ACTIV'LIGHT is the latest in a long line of cable innovations designed to enhance mine safety and productivity.

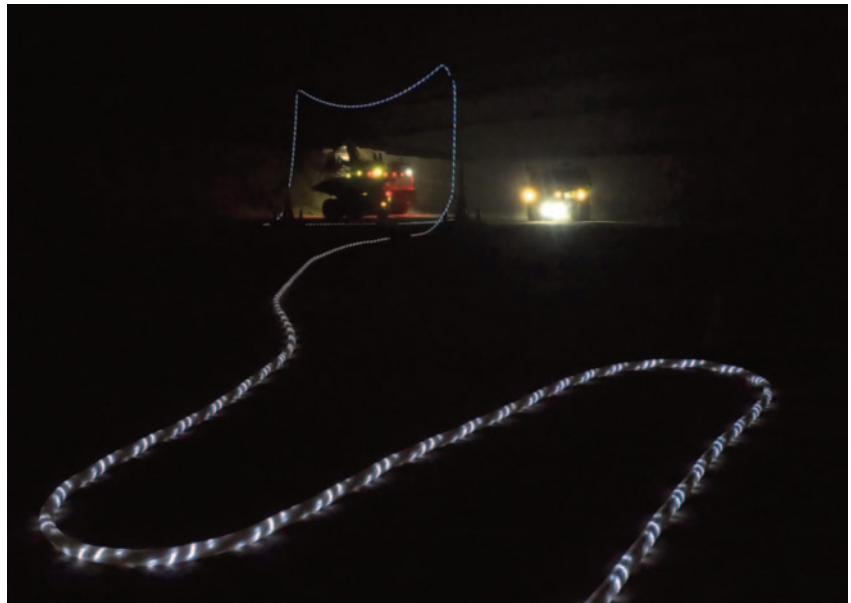
OPERATING EXCELLENCE

- Best at On-Time delivery
- Strategically located inventories throughout the major mining regions
- ISO-9001 certified manufacturer



To order ACTIV'LIGHT, please contact us at:

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Nexans AmerCable

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