




# HAZARDOUS LOCATION RATINGS

CLASSES	GROUPS	DIVISIONS	
		1	2
<p><b>CLASS I</b> Gases, vapors, and liquids</p> 	<p><b>A:</b> Acetylene</p> <p><b>B:</b> Hydrogen, etc.</p> <p><b>C:</b> Ether, etc.</p> <p><b>D:</b> Hydrocarbons, fuels, solvents, etc. (gasoline, acetone, alcohol)</p>	Normally explosive and hazardous	Not normally present in an explosive concentration (but may accidentally exist)
<p><b>CLASS II</b> Combustable Dusts</p> 	<p><b>E:</b> Metal dusts (conductive,* and explosive)</p> <p><b>F:</b> Carbon dusts Coal, Coke (some are conductive,* and all are explosive)</p> <p><b>G:</b> Flour, starch, grain, combustible plastic or chemical dust (explosive)</p>	Ignitable quantities of dust normally are or may be in suspension, or conductive dust may be present	Dust not normally suspended in an ignitable concentration (but may accidentally exist). Dust layers are present.
<p><b>CLASS III</b> Ignitable Fibers and filings</p> 	<p>Textiles, wood-working, etc. (easily ignitable, but not likely to be explosive)</p>	Handled or used in manufacturing	Stored or handled in storage (exclusive of manufacturing)

# PRINCETON TEC RATED LIGHTS

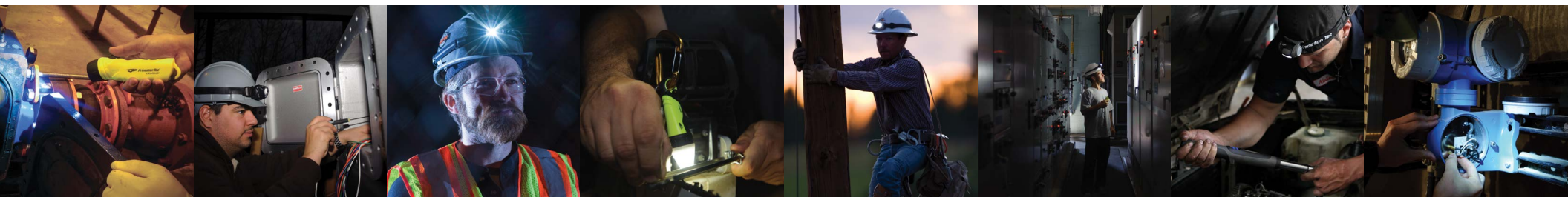
<b>League II</b>	ETL Rating Zone 0 CL 1,2,3 Div 1,2	Groups A-G	Temp code: T4
<b>Vizz II</b>	ETL Rating Zone 0 CL 1,2,3 Div 1,2	Groups A-G	Temp code: T4
<b>EOS II</b>	UL Rating: CL 1. DIV 1	Groups: A,B,C,D	Temp code: T4
<b>Quad II</b>	UL Rating: CL 1. DIV 1	Groups: A,B,C,D	Temp Code: T4
<b>EOS IND</b>	UL Rating: CL 1. DIV 2,	Groups: A,B,C,D CL 2. DIV 2	Group: F,G Temp code: T6
<b>Quad IND</b>	UL Rating: CL 1. DIV 2,	Groups: A,B,C,D CL 2. DIV 2	Groups: F,G Temp code: T6
<b>Apex</b>	UL Rating: CL 1. DIV 2,	Groups: A,B,C,D CL 2. DIV 2	Groups: F,G Temp code: T6
<b>Yukon HL</b>	UL Rating: CL 1. DIV 2,	Groups: A,B,C,D CL 2. DIV 2	Groups: F,G Temp code: T6
<b>Impact XL</b>	UL Rating: CL 1. DIV 2,	Groups: A,B,C,D CL 2. DIV 2	Groups: F,G Temp code: T6
<b>Torrent LED</b>	UL Rating: CL 1. DIV 2,	Groups: A,B,C,D CL 2. DIV 2	Groups: F,G Temp code: T6
<b>Sector 5</b>	UL Rating: CL 1. DIV 2,	Groups: A,B,C,D	Temp code: T6
<b>Impulse</b>	UL Rating: CL 1. DIV 2,	Groups: A,B,C,D CL 2. DIV 2	Groups: F,G Temp code: T6

Numerous locations exist where a specifically type of light is required for that kind of environment. Class and Division are highlighted.

Class I, II, and III are called out whereas Class I locations are hazardous areas by the presence of flammable vapors, liquids, or gasses. Class II is an area where combustible dusts are present and Class III is an area that contain fibers, flyings, or fibers which are easily ignitable.

Division designates that the likelihood of ignitable concentrations of materials that are flammable are present. They showcase two divisions of which Division 1 is an area where concentrations of flammable dusts, liquids, or vapors can exist some of the time or all of the time under normal conditions of operation or where easily ignitable flyings and fibers are used, manufactured, or handled. Division 2 are areas where ignitable concentrations are not likely to appear or exist under normal operating procedures or where Class III items are handled or kept in storage.

Princeton Tec has the above noted products that meet these strict safety ratings. Please consult our catalog for part numbers and complete specifications





● BLACK PN: EOS-II



Adjustable rubber strap secures easily to hard hats



## EOS® II *Intrinsically Safe*

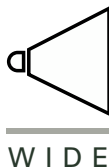
### SPECS

POWER: 105 Lumens  
 LAMP: 1 Maxbright LED (regulated)  
 BURN TIME: 121 Hours  
 BATTERIES: 3 AAA Alkaline (Included)  
 WEIGHT: 105g With Batteries  
 UL RATING Class I Division 1 Groups A, B, C & D  
 UL TEMP CODE: T4

### 4 MODES



● BLACK PN: QUAD-II



12° angled head for neutral wrist position

## QUAD® II *Intrinsically Safe*

### SPECS

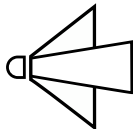
POWER: 78 Lumens  
 LAMP: 4 Ultrabright LEDs (regulated)  
 BURN TIME: 105 Hours  
 BATTERIES: 3 AAA Alkaline (Included)  
 WEIGHT: 96g With Batteries  
 UL RATING Class I Division 1 Groups A, B, C & D  
 UL TEMP CODE: T4

### 4 MODES





● BLACK PN: VIZZ-II



HYBRID



Adjustable rubber strap secures easily to hard hats



## VIZZ<sup>®</sup> II *Intrinsically Safe*

### SPECS

POWER	150 Lumens
LAMP	1 Maxbright LED (Regulated) 4 White Ultrabright LEDs
BURN TIME	72 Hours
BATTERIES	3 AAA Alkaline (Included) or Lithium
WEIGHT	105g With Batteries
ETL RATING	Intrinsically Safe Apparatus Princeton Tec Vizz II for use in hazardous locations only as to intrinsic safety classes I, II, III; Divisions 1&2; Groups A-G; Temp Code: -20c to 40c. (T4)

### 3 MODES

SPOT HIGH	95h Total
FLOOD HIGH	104h
FLOOD LOW	108h
DISTANCE (m)	0 10 36 70



● BLACK  
● NEON YELLOW

PN: LG2-BK  
PN: LG2-NY



12° angled head for neutral wrist position

## LEAGUE<sup>®</sup> II *Intrinsically Safe*

### SPECS

POWER	150 Lumens
LAMP	1 Maxbright LED
BURN TIME	10 Hours
BATTERIES	3 AA Alkaline (Included)
WEIGHT	203g With Batteries
ETL RATING	Intrinsically Safe Apparatus Princeton Tec League II for use in hazardous locations only as to intrinsic safety classes I, II, III; Divisions 1&2; Groups A-G; Temp Code: -20°c to 34°c. (T3)

### SINGLE MODE

HIGH	10h
DISTANCE (m)	0 65 130