

AVAILABLE THROUGH

GRAINGER[®]

FOR THE ONES WHO GET IT DONE

GRAINGER.COM[®] | 1.800.GRAINGER

Princeton Tec Personal Lighting Products



**AN AMERICAN
MANUFACTURER**

— *Since 1975* —

FOR CUSTOMER INTERNAL USE ONLY

 **Princeton Tec**[®]

AVAILABLE THROUGH

GRAINGER®

FOR THE ONES WHO GET IT DONE

GRAINGER.COM® | 1.800.GRAINGER

 **MADE IN USA**
WITH DOMESTIC AND FOREIGN COMPONENTS



Multiuse Hardhat Light

Designed with both job performance and worker safety in mind, the EOS 360 is a hardhat mounted headlamp that offers be-seen lighting in addition to traditional task lighting. Users in industrial environments will be highly visible thanks to a durable, rubberized band fitted with LEDs and reflective strips that encircle their hardhat. Mounted on the front of the LED band is the top selling EOS Headlamp for focused hands-free illumination. Both the LED band and the EOS Headlamp offer a variety of modes and function independently from each other.

SPECS

POWER	165 Lumens
LAMP	1 Maxbright LED
BATTERIES	3 AAA Alkaline (included)
WEIGHT	163g / 5.75oz
WATERPROOF	IPX7 (1 meter)

PERFORMANCE

Mode	Burtime	Distance
EOS HEADLAMP ONLY		
High	21.5h	68m
Low	50h	34m
Strobe	51h	68m
EOS W/ BAND & CONSTANT		
High	4.1h	72m
Low	20h	29m
BAND ONLY		
Band Constant	33h	6m
Band Strobe	101h	3m
EOS W/ BAND & STROBE		
High	4.5h	72m
Low	34h	33m

Grainger Part# 494R23

Rubberized LED band provides 360° visibility

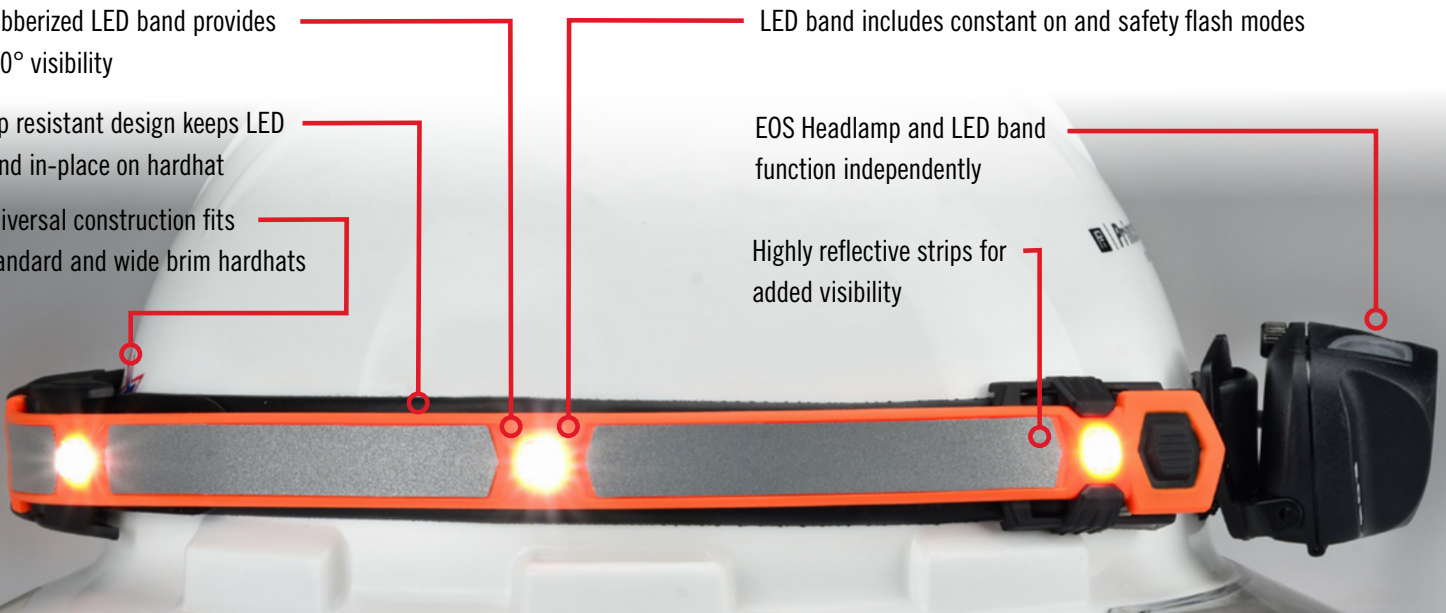
Slip resistant design keeps LED band in-place on hardhat

Universal construction fits standard and wide brim hardhats

LED band includes constant on and safety flash modes

EOS Headlamp and LED band function independently

Highly reflective strips for added visibility



AVAILABLE THROUGH

GRAINGER[®]

FOR THE ONES WHO GET IT DONE

GRAINGER.COM[®] | 1.800.GRAINGER

Grainger Part#	Princeton Tec Part#	Name	Lumens	Burn Time	Lamp	Batteries	Modes	Safety Rating
INTRINSICALLY SAFE HEADLAMPS								
5PVX9	EOS-II-BK	EOS II	130	100 h	1 MAXBRIGHT LED	(3) AAA	2	Class 1, Div 1 Groups A,B,C & D
5PVY0	QUAD-II-BK	QUAD II	78	64 h	4 ULTRABRIGHT LEDs	(3) AAA	2	Class 1, Div 1 Groups A,B,C & D
49XH38	VIZZ-II	VIZZ II	150	102 h	1 MAXBRIGHT LED 4 ULTRABRIGHT LEDs	(3) AAA	2	Class 1, Div 1 Groups A,B,C & D
INDUSTRIAL HEADLAMPS								
3KKZ3	EOS-IND	EOS INDUSTRIAL	170	36.2 h	1 MAXBRIGHT LED	(3) AAA	4	Class I, Div 2 Groups A,B,C & D Class II, Div 2 Groups F&G
3KKX4	QUAD-IND	QUAD INDUSTRIAL	78	130 h	4 ULTRABRIGHT LEDs	(3) AAA	4	Class I, Div 2 Groups A,B,C & D Class II, Div 2 Groups F&G
3KKZ1	EOSR-OR/GY	EOS	170	36.2 h	1 MAXBRIGHT LED	(3) AAA	4	Class I, Div 2 Groups A,B,C & D Class 2, Div 2 Groups F & G
3KKZ5	QUAD-BK	QUAD	78	130 h	4 ULTRABRIGHT LEDs	(3) AAA	4	Class I, Div 2 Groups A,B,C & D Class 2, Div 2 Groups F & G
189F23	VIZZ-IND	VIZZ INDUSTRIAL	420	100 h	1 MAXBRIGHT LED 4 ULTRABRIGHT LEDs	(3) AAA	3	—
453G33	LPHL-1	LOW PROFILE HEADLAMP	85	2.5 h	3 ULTRABRIGHT LEDs	(3) AAA	2	—
3KKW3	APX20-BK	APEX	650	12.2 h	1 MAXBRIGHT LED 4 ULTRABRIGHT LEDs	(4) AA	4	Class I, Div 2 Groups A,B,C & D Class II, Div 2 Groups F&G
3KKW5	APX20-RD	APEX	650	12.2 h	1 MAXBRIGHT LED 4 ULTRABRIGHT LEDs	(4) AA	4	Class I, Div 2 Groups A,B,C & D Class II, Div 2 Groups F&G
3YZV2	APX20-OD	APEX	650	12.2 h	1 MAXBRIGHT LED 4 ULTRABRIGHT LEDs	(4) AA	4	Class I, Div 2 Groups A,B,C & D Class II, Div 2 Groups F&G
24M997	APX450-RC-BK	APEX RECHARGEABLE	450	90 h	1 MAXBRIGHT LED, 4 ULTRABRIGHT LEDs	Rechargeable Lithium ION	5	—
494R22	SNAP-IND	SNAP INDUSTRIAL	300	155 h	1 MAXBRIGHT LED	(3) AAA	2	—

EOS II

UL certified CL1 DIV 1
Mounting options for hardats included



EOS INDUSTRIAL

Mounting options for hardats included



EOS

Rugged spot beam headlamp



VIZZ II

ETL certified CL1 DIV 1
Mounting options for hardats included



QUAD II

UL certified CL1 DIV 1
Mounting options for hardats included



QUAD INDUSTRIAL

Mounting options for hardats included



QUAD

Rugged wide beam headlamp



VIZZ INDUSTRIAL

Rugged Hybrid LED headlamp



LPHL-1

Fits behind face shields



APEX

Waterproof hybrid LED headlamp



APEX RECHARGEABLE Lithium Ion Rechargeable



SNAP INDUSTRIAL

Multi-Use Light



AVAILABLE THROUGH

GRAINGER

FOR THE ONES WHO GET IT DONE

GRAINGER.COM® | 1.800.GRAINGER

Grainger Part#	Princeton Tec Part#	Name	Lumens	Burn Time	Lamp	Batteries	Modes	Safety Rating
494R23	EOS360-BK	EOS 360	165	130 h	1 MAXBRIGHT LED 6 LED SOLID/STROBE BAND	(3) AAA	9	—
453G34	AX-OR	AXIS	250	102 h	2 MAXBRIGHT LED 2 RED ULTRABRIGHT LEDs	(3) AA	4	—
453G36	AX-IND	AXIS INDUSTRIAL	250	102 h	2 MAXBRIGHT LED 2 RED ULTRABRIGHT LEDs	(3) AA	4	—
453G35	AX-RC-GR	AXIS RECHARGEABLE	450	15 h	2 MAXBRIGHT LED 2 RED ULTRABRIGHT LEDs	Rechargeable Lithium ION (Built in)	4	—
453G37	AX-RC-IND	AXIS RECHARGEABLE INDUSTRIAL	450	15 h	2 MAXBRIGHT LED 2 RED ULTRABRIGHT LEDs	Rechargeable Lithium ION (Built in)	4	—
3KKX6	FUEL-BK	FUEL INDUSTRIAL	70	34 h	4 ULTRABRIGHT LEDs	(3) AAA	4	—
5PVY1	RMX300-B	REMIX	300	200 h	1 MAXBRIGHT, 2 ULTRABRIGHT	(3) AAA	4	—
3KLA2	YUKHL-BK	YUKON HL	170	24 h	1 MAXBRIGHT LED, 3 ULTRABRIGHT LEDs	(3) AA	2	—
494R24	WISE2A	WISELITE 2A	167	121 h	1 MAXBRIGHT LED	Rechargeable	2	MSHA
494R25	NWB-30	WISE2A CHARGER	N/A	N/A	N/A	N/A	N/A	—
24M993	HYB123-3-NOD-MC	REMIX PRO MPLS	150	17 h	1 MAXBRIGHT LED, 3 RED ULTRABRIGHT LEDs	(1) CR123 Lithium	4	—
MILITARY								
494R21	BYT-TAC-TN	BYTE TACTICAL	100	80 h	1 MAXBRIGHT LED 1 RED ULTRABRIGHT LEDs	(2) AAA	2	—
5PVY2	EOS-TAC-BK	EOS TACTICAL	60	36 h	1 MAXBRIGHT LED	(3) AAA	4	—
5PVY4	EOS-TAC-SD	EOS TACTICAL	60	36 h	1 MAXBRIGHT LED	(3) AAA	4	—
5PVY3	QUAD-TAC-BK	QUAD TACTICAL	78	73 h	4 ULTRABRIGHT LEDs	(3) AAA	4	—
5PVY5	QUAD-TAC-SD	QUAD TACTICAL	78	73 h	4 ULTRABRIGHT LEDs	(3) AAA	4	—
24M995	HYB123-RBI-NOD-MC	REMIX PRO MPLS	150	17 h	1 MAXBRIGHT LED, 1 RED ULTRABRIGHT LED, 1 BLUE ULTRABRIGHT LED, 1 IR ULTRABRIGHT LED	(1) CR123 Lithium	5	—

EOS 360
Multiuse Hardhat Light



AXIS
Hybrid LED headlamp



AXIS RECHARGEABLE
Rechargeable hybrid LED headlamp



FUEL
4 LED headlamp



REMIX
Hybrid LED headlamp



YUKON HL
Rugged hybrid LED headlamp



WISELITE 2A
Rechargeable Miner's Light MSHA



WISELITE 2A CHARGER



MPLS - REMIX PRO
Military helmet light or headlamp



BYTE TACTICAL
Lightweight Hybrid LED headlamp



EOS TACTICAL
Colored lenses to protect night adjusted vision



QUAD TACTICAL
Colored lenses to protect night adjusted vision



AVAILABLE THROUGH

GRAINGER[®]

FOR THE ONES WHO GET IT DONE

GRAINGER.COM[®] | 1.800.GRAINGER

Grainger Part#	Princeton Tec Part#	Name	Lumens	Bum Time	Lamp	Batteries	Modes	Safety Rating
MILITARY								
13J071	MPLS-II-3-SD	SWITCH	10	110 h	2 ULTRABRIGHT LEDs	(2) 2016 Lithium Coin Cell	2	—
5PVZ2	MPLS-ACC-BK	MPLS ACCESSORY PACK	—	—	—	—	—	—
5PVZ3	MPLS-ACC-OD	MPLS ACCESSORY PACK	—	—	—	—	—	—
5PVZ4	MPLS-ACC-SD	MPLS ACCESSORY PACK	—	—	—	—	—	—
24M992	C-RBI-TN	CHARGE MPLS	55	4.5 h	1 MAXBRIGHT LED, 1 RED ULTRABRIGHT LED, 1 BLUE ULTRABRIGHT LED, 1 IR ULTRABRIGHT LED	(1) AA Lithium	4	—
24M991	C-IR-TN	CHARGE MPLS	55	4.5 h	1 MAXBRIGHT LED, 3 IR ULTRABRIGHT LEDs	(1) AA Lithium	4	—
INTRINSICALLY SAFE HANDHELDS								
49XH37	LG2-BK	LEAGUE II	150	10 h	1 MAXBRIGHT LED	(3) AA	1	Class 1, Div 1 Groups A,B,C & D
49XH36	LG2-NY	LEAGUE II	150	10 h	1 MAXBRIGHT LED	(3) AA	1	Class 1, Div 1 Groups A,B,C & D
INDUSTRIAL HANDHELDS								
19YH52	AMP1LC-NY	AMP 1LC	90	72 h	1 MAXBRIGHT LED	(2)AAA	1	—
19YH53	AMP1LC-BK	AMP 1LC	90	72 h	1 MAXBRIGHT LED	(2)AAA	1	—
19YH50	LG4-BK	LEAGUE	420	3.5 h	1 MAXBRIGHT LED	(4) AA	1	—
19YH51	LG4-NY	LEAGUE	420	3.5 h	1 MAXBRIGHT LED	(4) AA	1	—
338RV49	S7-BK	SECTOR 7	700	30 h	1 MAXBRIGHT LED	(8) C Cell	1	—
38RV51	S7-NY	SECTOR 7	700	30 h	1 MAXBRIGHT LED	(8) C Cell	1	—
38RV50	SPOT-NY	SECTOR 5	550	24 h	1 MAXBRIGHT LED	(4) C Cell	1	Class 1 Div 2 Groups A,B,C,D
38RV45	SPOT-BK	SECTOR 5	550	24 h	1 MAXBRIGHT LED	(4) C Cell	1	Class 1 Div 2 Groups A,B,C,D
—	HEL-KIT	HARDHAT CLIP	—	—	—	—	—	—

MPLS - CHARGE
Helmet task light



MPLS - SWITCH
Helmet task light



LEAGUE II
ETL certified CL1 DIV 1



LEAGUE
Rugged 4 AA waterproof flashlight



AMP ILC
Waterproof Mini Flashlight and Marker Light



SECTOR 5
550 Lumen
Waterproof Spotlight



SECTOR 7
700 Lumen
Waterproof Spotlight



HARDHAT CLIPS
For handheld flashlights



AVAILABLE THROUGH

GRAINGER[®]

FOR THE ONES WHO GET IT DONE

GRAINGER.COM[®] | 1.800.GRAINGER

Princeton Tec Part#	Name	Lumens	Burn Time	Lamp	Batteries	Modes	Safety Rating
AVAILABLE THROUGH GRAINGER SOURCING							
SNRGB-MC*	SNAP RGB	300	155 h	1 WHITE MAXBRIGHT LED 1 TRI-COLOR RED, GREEN, BLUE LED	(3) AAA	5	—
BYT90-BK*	BYTE	100	7.5h	1 WHITE MAXBRIGHT LED 1 RED ULTRABRIGHT LED	(2) AAA	2	—
RF-GY*	REFUEL	200	75.5 h	4 ULTRABRIGHT LEDs	(3) AAA	1	—
HYB-UV-BK*	REMIX UV	300	103 h	1 MAXBRIGHT LED 3 UV ULTRABRIGHT LEDs	(3) AAA	2	—
VIZZ-II-MPLS*	VIZZ II MPLS	150	102 h	1 MAXBRIGHT LED 4 ULTRABRIGHT LEDs	(3) AAA	2	Class 1, Div 1 Groups A,B,C & D
VIZZ-MPLS-MC*	VIZZ MPLS	420	53.8	1 WHITE MAXBRIGHT LED 1 RED ULTRABRIGHT LED 1 GREEN ULTRABRIGHT LED 1 BLUE ULTRABRIGHT LED 1 IR ULTRABRIGHT LED	(3) AAA	5	—
EOS-II-MPLS-BK*	EOS II MPLS	130	100	MAXBRIGHT LED	(3) AAA	2	Class 1, Div 1 Groups A,B,C & D
HX1-BK*	HELIX BACKCOUNTRY	250	24	1 WHITE MAXBRIGHT LED 1 RED MAXBRIGHT LED	(3) AAA	2	—
HX2-BK*	HELIX BASECAMP	150	30	1 WHITE MAXBRIGHT LED 1 RED MAXBRIGHT LED	(3) AA	2	—

SNAP RGB

Multi-Use Light with tri-color red, blue, green LED.



BYTE

Lightweight hybrid LED headlamp



REFUEL

4 LED headlamp



REMIX UV

Hybrid led headlamp with ultraviolet LED



VIZZ II MPLS

ETL certified CL1 DIV 1 modular headlamp



VIZZ TACTICAL MPLS

Modular headlamp with white, red, green, blue and IR LEDs



EOS II MPLS

UL certified CL1 DIV 1 modular headlamp



HELIX BACKCOUNTRY

3 AAA lantern with white and red LEDs



HELIX BASECAMP

3 AA lantern with white and red LEDs



*Items available through Grainger Sourcing only



AVAILABLE THROUGH

GRAINGER[®]

FOR THE ONES WHO GET IT DONE

GRAINGER.COM[®] | 1.800.GRAINGER

Product	Grainger Part#	Rating	Temp Code
League II	49XH36	ETL Rating Zone 0 CL 1,2,3 Div 1,2 Groups A-G	T4
Vizz II	49XH38	ETL Rating Zone 0 CL 1,2,3 Div 1,2 Groups A-G	T4
EOS II	5PVX9	UL Rating: CL 1. DIV 1 Groups: A,B,C,D	T4
Quad II	5PVY0	UL Rating: CL 1. DIV 1 Groups: A,B,C,D	T4
EOS IND	3KK23	UL Rating: CL 1. DIV 2, Groups: A,B,C,D CL 2. DIV 2 Group: F,G	T6
Quad IND	3KKX4	UL Rating: CL 1. DIV 2, Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	T6
Apex	3KKW3	UL Rating: CL 1. DIV 2, Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	T6
Yukon HL	3KLA2	UL Rating: CL 1. DIV 2, Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	T6
Sector 5	38RV45	UL Rating: CL 1. DIV 2, Groups: A,B,C,D	T6
WISELITE 2A	94R24	MSHA	

Numerous locations exist where a specific 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.

AVAILABLE THROUGH



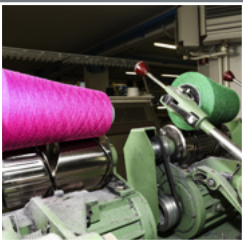
GRAINGER[®]

FOR THE ONES WHO GET IT DONE

GRAINGER.COM[®] | 1.800.GRAINGER

Hazardous Location Ratings

Princeton Tec Hands-Free Lighting Solutions

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