NIGHT SCAN
LED UPGRADE KITS

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MEETS OR EXCEEDS ALL
NFPA®
NFPA 1901-16 REQUIREMENTS

NIGHT SCAN LED SCENE LIGHT UPGRADE KITS

nightscan®
by Will-Burt

New life for your trusted Night Scan light tower

Your apparatus's Night Scan light tower has been there through thick and thin, providing light on the darkest nights and most challenging scenes. You rely on it for your crew's safety and to get the job done right. But those quartz halogen lights.....

We get it, you can no longer trust those halogen bulbs, they just do not last as long as they used to. You want the latest Night Scan with all of its modern tech and those LED lights that are so bright and seem to last forever, but it's just not in the budget right now.

We have just the thing to get extra life and LIGHT out of your Night Scan, an LED Scene Light Upgrade Kit. We have an upgrade kit for nearly every Night Scan we have ever made.
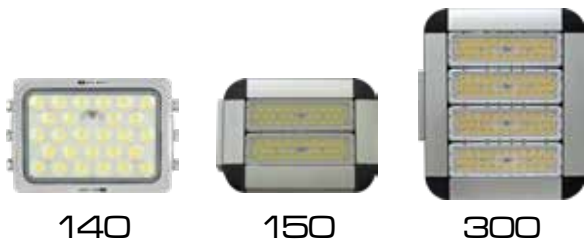
Give us a call and we can help you through the simple process of upgrading your Night Scan.

The following pages offer guides to identify which type of LED Upgrade Kit will be compatible with your Night Scan. Available for Do-It-Yourself or Will-Burt Factory Service installation.

NEW

OLD

NIGHT SCAN LIGHT PACKAGE OPTIONS

The most popular light brands are available from FRC, Night Scan, Will-Burt, and Whelen. Experience the benefits of LED scene lighting – longer life, low power consumption and rugged reliability.
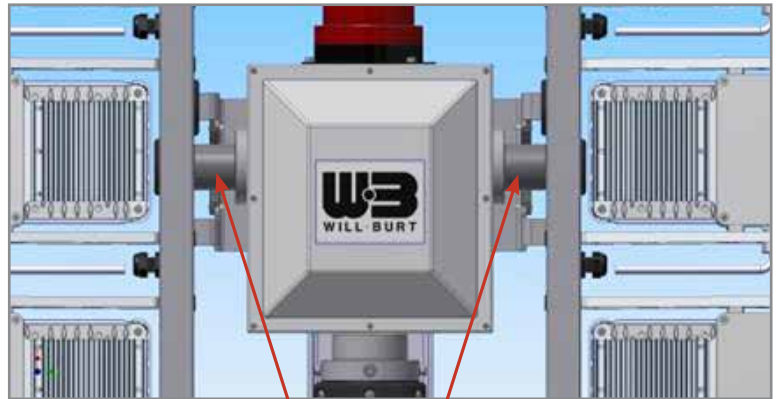
FRC

SPECTRA

SPECTRA MAX-S

nightscan®

XL 200

X 200

sirion

WB WILL-BURT

WHELEN®

140

150

300

Pioneer Plus™

Spot / Flood

Legacy NS10 Retrofit with Will-Burt 300 LED lights
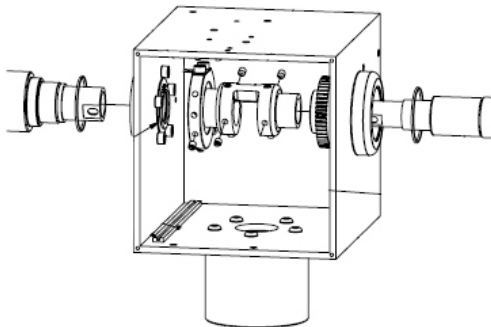
LED LIGHTING UPGRADE KITS
SOLID SHAFT IDENTIFICATION
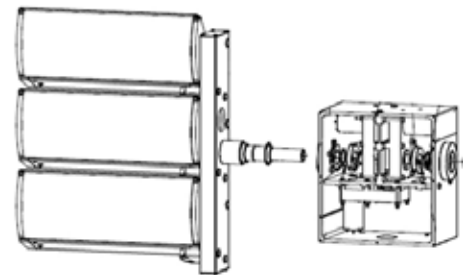
Look for:
- **Square, convex plastic covers**
- **Solid Shafts**

Shaft is connected internally - No visible screws

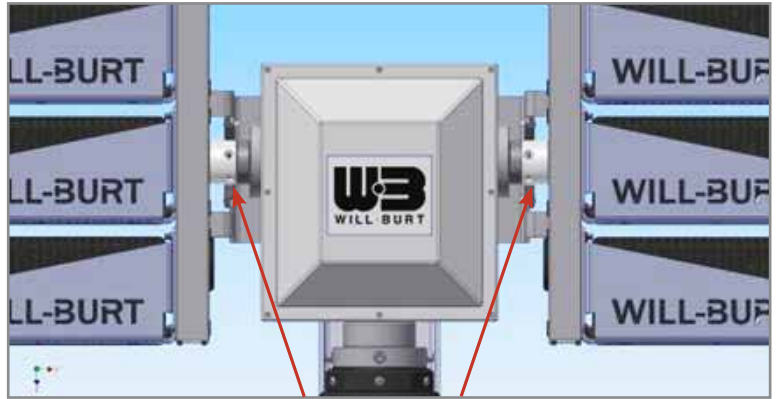**Solid Shaft - NS Chief**

Solid Shaft - NS Powerlite

Brand	Model	Light Warranty	Volts	Number of Lights	Total Lumens	Total Watts	Chief 1.8	Chief 2.3	*Powerlite	*Vertical	RCP Style
Will-Burt	Will-Burt WB 300	2	120/240	2	90,000	600			x	x	Shaft
Will-Burt	Will-Burt WB 480	2	120/240	2	144,000	960			x	x	Shaft
Will-Burt	WB 140	5	12/24	2	28,000	100	x	x			Shaft
Will-Burt	WB 140	5	12/24	4	56,000	200	x	x			Shaft
Will-Burt	WB 140	5	12/24	4	56,000	200	x	x	x	x	Shaft
Will-Burt	Night Scan X 200	Lifetime	12/24	2	40,000	250	x	x			Shaft
Will-Burt	Night Scan X 200	Lifetime	12/24	4	80,000	500	x	x			Shaft
Will-Burt	Night Scan X 200	Lifetime	12/24	4	80,000	500	x	x	x	x	Shaft
Will-Burt	Night Scan X 200	Lifetime	12/24	6	120,000	750			x	x	Shaft
Will-Burt	Night Scan XL 200	Lifetime	12/24	2	40,000	250	x	x			Shaft
Will-Burt	Night Scan XL 200	Lifetime	12/24	4	80,000	500	x	x			Shaft
Will-Burt	Night Scan XL 200	Lifetime	12/24	4	80,000	500	x	x	x	x	Shaft
Will-Burt	Night Scan XL 200	Lifetime	12/24	6	120,000	750			x	x	Shaft
Will-Burt	Night Scan Sirion	Lifetime	120/240	2	220,000	1200			x	x	Shaft
F R C	SPECTRA	5	120	6	120,000	1380			x	x	Shaft
F R C	SPECTRA Max	5	120	4	112,000	1344			x	x	Shaft
F R C	SPECTRA Max	5	120	6	168,000	2016			x	x	Shaft
F R C	SPECTRA Max-S	5	120	4	112,000	1344			x	x	Shaft
F R C	SPECTRA Max-S	5	120	6	168,000	2016			x	x	Shaft
Whelen	Pioneer Plus Spot/Flood	Lifetime	120	4	82,456	600	x	x	x	x	Shaft
Whelen	Pioneer Plus Spot/Flood	Lifetime	120	6	123,684	900			x	x	Shaft
F R C	SPECTRA	5	240	4	80,000	920		x	x		Shaft
F R C	SPECTRA	5	240	6	120,000	1380			x	x	Shaft
F R C	SPECTRA Max	5	240	4	112,000	1344			x	x	Shaft
F R C	SPECTRA Max	5	240	6	168,000	2016			x	x	Shaft
F R C	SPECTRA Max-S	5	240	4	112,000	1344			x	x	Shaft
F R C	SPECTRA Max-S	5	240	6	168,000	2016			x	x	Shaft

LED LIGHTING UPGRADE KITS
COLLAR SHAFT IDENTIFICATION
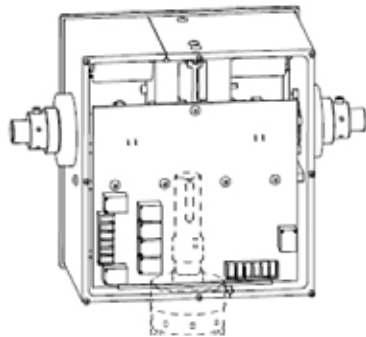
Look for:
- **Square, convex plastic covers**
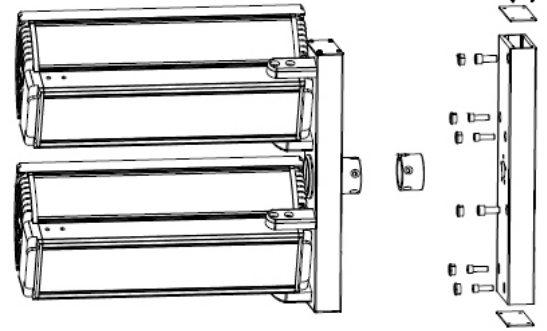- **Collar Shaft**

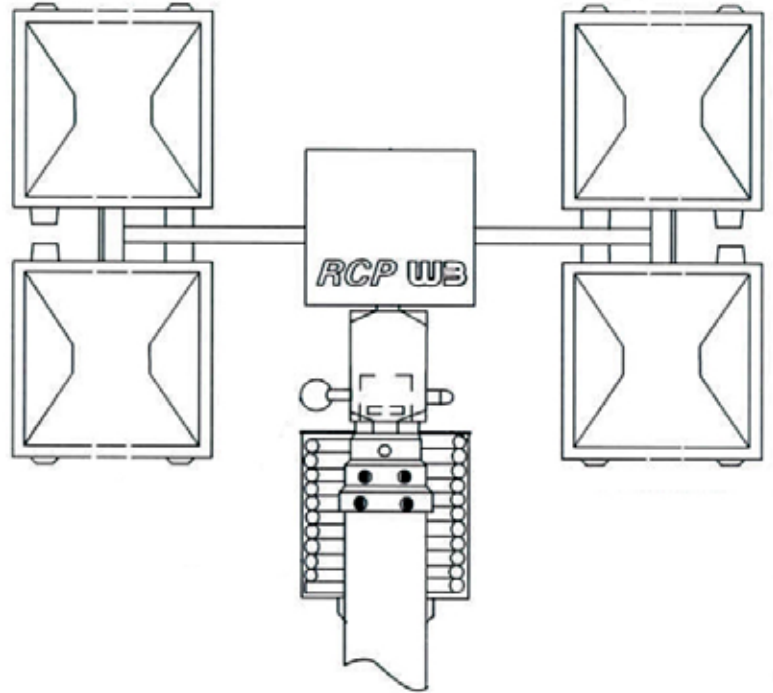**Collar has screws**

Collar Shaft - NS Chief

Collar Shaft - NS Powerlite

Brand	Model	Light Warranty	Volts	Number of Lights	Total Lumens	Total Watts	Chief 1.8	Chief 2.3	*Powerlite	*Vertical	RCP Style
F R C	SPECTRA	5	12	2	40,000	460	x	x			Collar
Whelen	Pioneer Plus Spot/Flood	Lifetime	12	2	40,522	300	x	x			Collar
Whelen	Pioneer Plus Spot/Flood	Lifetime	12	4	81,044	600	x	x			Collar
Will-Burt	WB 140	5	12/24	2	28,000	100	x	x			Collar
Will-Burt	WB 140	5	12/24	4	56,000	200	x	x	x	x	Collar
Will-Burt	Night Scan X 200	Lifetime	12/24	2	40,000	250	x	x			Collar
Will-Burt	Night Scan X 200	Lifetime	12/24	4	80,000	500	x	x	x	x	Collar
Will-Burt	Night Scan XL 200	Lifetime	12/24	2	40,000	250	x	x			Collar
Will-Burt	Night Scan XL 200	Lifetime	12/24	4	80,000	500	x	x	x	x	Collar
F R C	SPECTRA	5	24	4	80,000	920		x			Collar
Whelen	Pioneer Plus Spot/Flood	Lifetime	24	2	40,522	300	x	x			Collar
Whelen	Pioneer Plus Spot/Flood	Lifetime	24	4	81,044	600	x	x	x	x	Collar
F R C	SPECTRA	5	120	2	40,000	460	x	x			Collar
F R C	SPECTRA	5	120	4	80,000	920		x	x	x	Collar
F R C	SPECTRA Max	5	120	4	112,000	1344			x	x	Collar
F R C	SPECTRA Max-S	5	120	4	112,000	1344			x	x	Collar
Whelen	Pioneer Plus Spot/Flood	Lifetime	120	2	41,228	300	x	x			Collar
Whelen	Pioneer Plus Spot/Flood	Lifetime	120	4	82,456	600	x	x	x	x	Collar
F R C	SPECTRA	5	240	2	40,000	460	x	x			Collar
F R C	SPECTRA	5	240	4	80,000	920		x	x	x	Collar
F R C	SPECTRA Max	5	240	2	56,000	672	x	x			Collar
F R C	SPECTRA Max	5	240	4	112,000	1344			x	x	Collar
F R C	SPECTRA Max-S	5	240	4	112,000	1344			x	x	Collar

LED LIGHTING UPGRADE KITS
APPLETON SHAFT IDENTIFICATION

Look for:
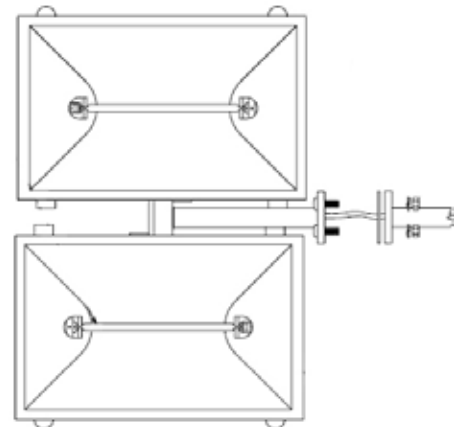- **Old Style flat RCP covers**
- **Solid Shafts**
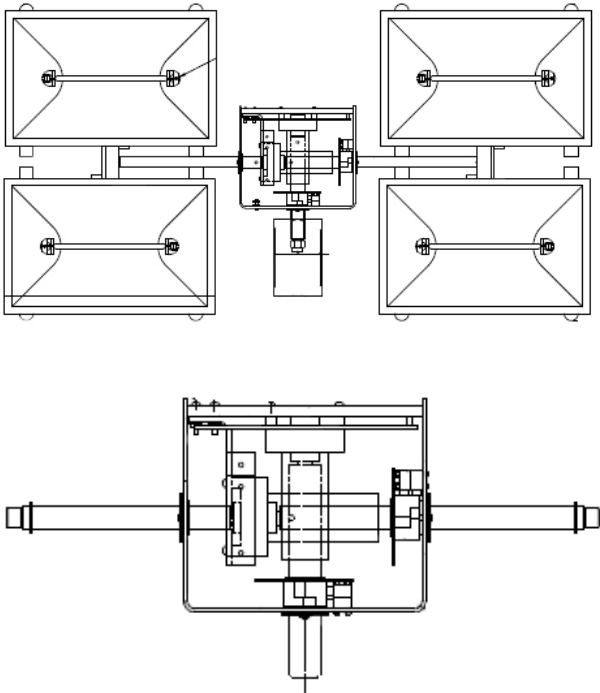
Brand	Model	Light Warranty	Volts	Number of Lights	Total Lumens	Total Watts	Chief 1.8	Chief 2.3	Powerlite	Vertical	RCP Style
Will-Burt	WB 150	2	120/240	2	45,000	300			x	x	Apple Shaft
Will-Burt	WB 300	2	120/240	2	90,000	600			x	x	Apple Shaft
F R C	SPECTRA	5	240	2	40,000	460			x	x	Apple Shaft
F R C	SPECTRA	5	240	4	80,000	920			x	x	Apple Shaft
F R C	SPECTRA Max	5	240	2	56,000	672			x	x	Apple Shaft
F R C	SPECTRA Max	5	240	4	112,000	1344			x	x	Apple Shaft
F R C	SPECTRA Max-S	5	240	2	56,000	672			x	x	Apple Shaft
F R C	SPECTRA Max-S	5	240	4	112,000	1344			x	x	Apple Shaft
Will-Burt	WB 140	5	12/24	2	28,000	100			x	x	Apple Shaft
Will-Burt	WB 140	5	12/24	4	56,000	200			x	x	Apple Shaft
Will-Burt	Night Scan X 200	Lifetime	12/24	2	40,000	250			x	x	Apple Shaft
Will-Burt	Night Scan X 200	Lifetime	12/24	4	80,000	500			x	x	Apple Shaft
Will-Burt	Night Scan XL 200	Lifetime	120/240	2	40,000	250			x	x	Apple Shaft
Will-Burt	Night Scan XL 200	Lifetime	120/240	4	80,000	500			x	x	Apple Shaft

LED LIGHTING UPGRADE KITS
FLANGE SHAFT IDENTIFICATION

Look for:
- **Old Style flat RCP covers OR Skull Shaped RCP**
- **Flanged Shafts**
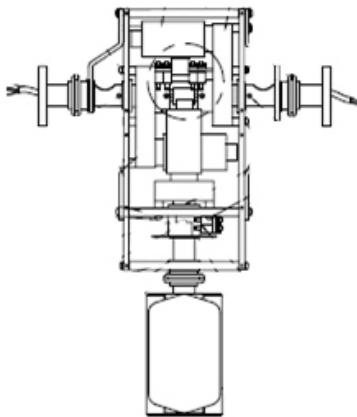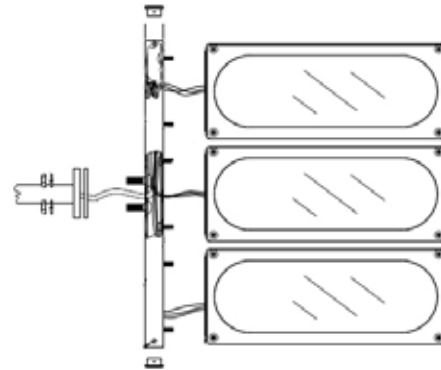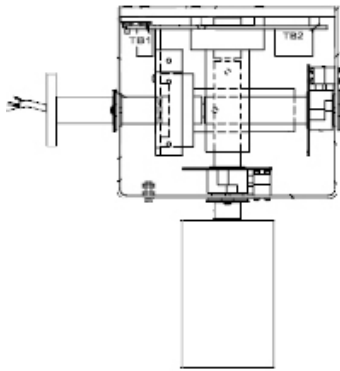
Brand	Model	Light Warranty	Volts	Number of Lights	Total Lumens	Total Watts	Chief 1.8	Chief 2.3	Powerlite	Vertical	RCP Style
Will-Burt	WB 150	2	120/240	2	45,000	300			x	x	Flange Shaft
Will-Burt	WB 300	2	120/240	2	90,000	600			x	x	Flange Shaft
F R C	SPECTRA	5	240	2	40,000	460			x	x	Flange Shaft
F R C	SPECTRA	5	240	4	80,000	920			x	x	Flange Shaft
F R C	SPECTRA Max	5	240	2	56,000	672			x	x	Flange Shaft
F R C	SPECTRA Max	5	240	4	112,000	1344			x	x	Flange Shaft
F R C	SPECTRA Max-S	5	240	2	56,000	672			x	x	Flange Shaft
F R C	SPECTRA Max-S	5	240	4	112,000	1344			x	x	Flange Shaft
Whelen	Pioneer Plus Spot/Flood	Lifetime	120	4	82,456	600			x	x	Flange Shaft
Will-Burt	WB 140	5	12/24	2	28,000	100			x	x	Flange Shaft
Will-Burt	WB 140	5	12/24	4	56,000	200			x	x	Flange Shaft
Will-Burt	Night Scan X 200	Lifetime	12/24	2	40,000	250			x	x	Flange Shaft
Will-Burt	Night Scan X 200	Lifetime	12/24	4	80,000	500			x	x	Flange Shaft
Will-Burt	Night Scan XL 200	Lifetime	120/240	2	40,000	250			x	x	Flange Shaft
Will-Burt	Night Scan XL 200	Lifetime	120/240	4	80,000	500					Flange Shaft

NIGHT SCAN® LED LIGHT TOWERS

Will-Burt's mobile LED light towers improve the productivity and safety of nighttime operations by lighting the entire scene from above. Delivering up to 220,000 lumens, Night Scan's latest in mobile LED technology is ideal for emergency recovery operations, towing sites, and other job sites where maximum light is required.

ESSENTIAL FEATURES

- Turn night into day in under 14 seconds.
- Get more than ½ acre of well-lit coverage area.
- Maximize illumination with more than 220,000 lumens of light.
- Deliver light at the height of your emergency up to 30 ft.
- Deliver 360° lighting to your scene. Opposable light fixtures give equal scene lighting forward and backward.
- Wired controllers, panel-mount controllers and wireless controllers available
- Use auto-deploy and auto-stow to extend and retract towers with a push of a button.
- Mobile video surveillance with full pan and tilt capabilities.

**Night Scan®
Chief**

**Night Scan®
Vertical**

**Night Scan®
Profiler**

**Night Scan®
Powerlite**
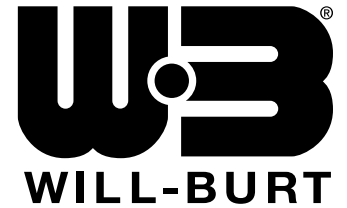
Handheld Wireless Controller

Wired Controller

Night Scan IQ

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The Will-Burt Company, headquartered in Orrville, Ohio, USA, is the world's premier manufacturer of mobile telescoping masts, towers and pan and tilt positioners. We offer virtually every mobile payload elevation and integration solution for defense, government, first responders, cellular and mobile, broadcast, energy production and other markets. Will-Burt also offers contract manufacturing, metal fabrication, powder-coating, and rapid prototyping services. Will-Burt is an international company with offices and manufacturing in the USA, England, and Germany along with offices in Singapore and a joint venture in Turkey. All Will-Burt Company manufacturing locations are backed by a certified ISO 9001:2015 Quality Management System. Incorporated in 1918, Will-Burt is 100% employee-owned and is classified as a small business.