NIGHT SCAN
LED UPGRADE KITS

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NFPA®
NFPA 1901-16 REQUIREMENTS

INNOVATION ELEVATED®

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

nightscan®

SPECTRA

X200

sirion

W·B WILL-BURT

WHELEN®

Pioneer Plus™
Spot / Flood

140

150

300

480

Legacy NS10 Retrofit with Will-Burt 300 LED lights

HOW-TO DETERMINE THE CORRECT LED UPGRADE KIT

1. Send us a photo of the RCP unit (box at top of mast where lights connect).

2. Send us the part number (begins with NS) and model (9 digit number) from the data plate located near the base of the mast.

   Model number: _____

   NS Part Number: _____

3. Determine maximum total width and maximum height from top of RCP available for new light package. Is the unit in a well? Are there other obstructions? LED light fixtures are often wider than halogen fixtures.

   Maximum width: _____

   Maximum height from top of RCP when stowed: _____

Submit Model number and NS part number

Determine maximum width and height from top of RCP

4. Call Will-Burt to review your options and place your order: 330-684-4000.

Send in a photo of the RCP unit

Maximum of 4 lights available for Powerlite models prior to 2013.

Available for do-it-yourself or Will-Burt Factory Service installation.

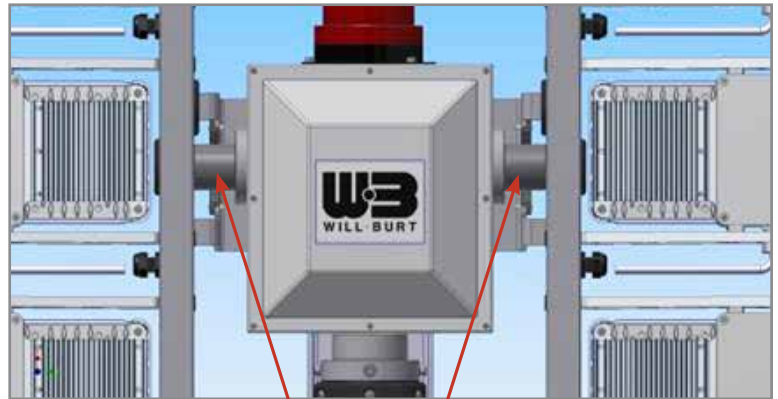*2 lights available for Chief models prior to 2010.*

FRC

nightscan®

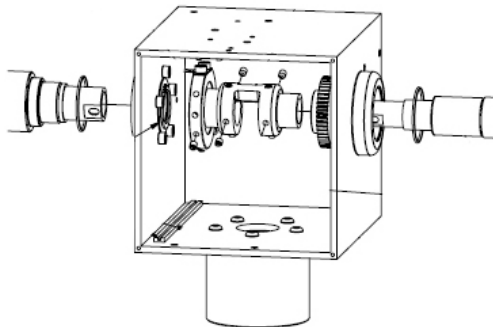**W3 WILL-BURT**

WHELEN®

LED LIGHTING UPGRADE KITS
SOLID SHAFT IDENTIFICATION
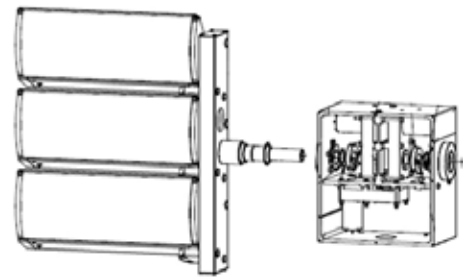
Look for:
- **Square, convex plastic covers**
- **Solid Shafts**

Shaft is connected internally - No visible screws

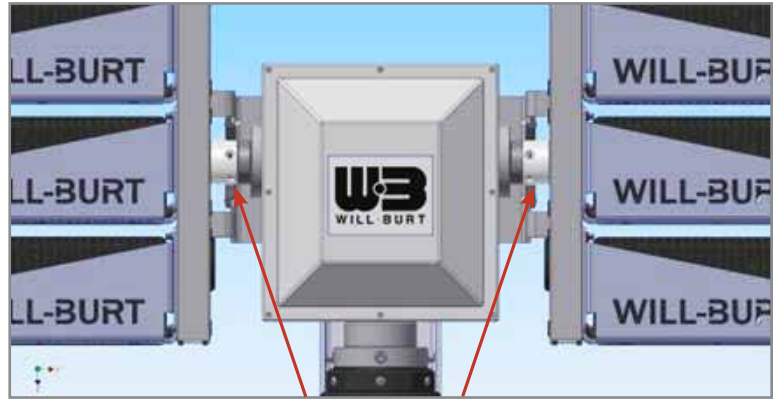**Solid Shaft - NS Chief**

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 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
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

LED LIGHTING UPGRADE KITS
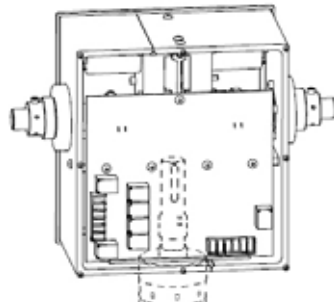## COLLAR SHAFT IDENTIFICATION

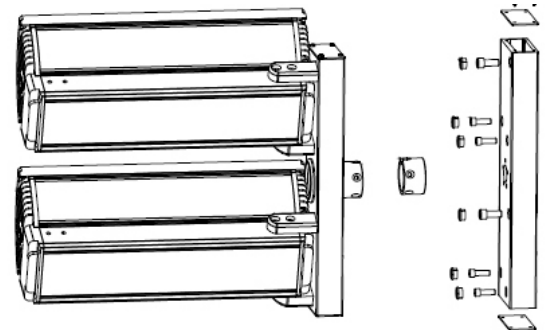**Look for:**
- Square, convex plastic covers
- Collar Shaft

Collar has screws
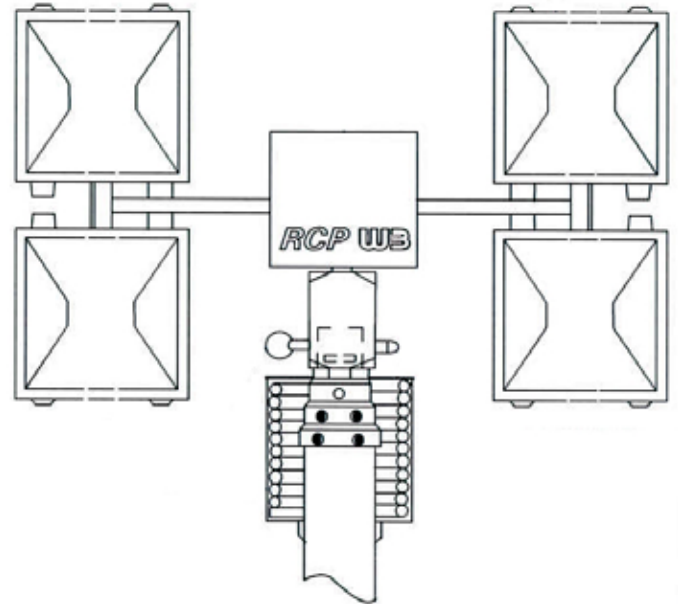

Collar Shaft - NS Chief

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
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
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

LED LIGHTING UPGRADE KITS
APPLETON SHAFT IDENTIFICATION

Look for:
- **Old Style flat RCP covers**
- **Solid Shafts**
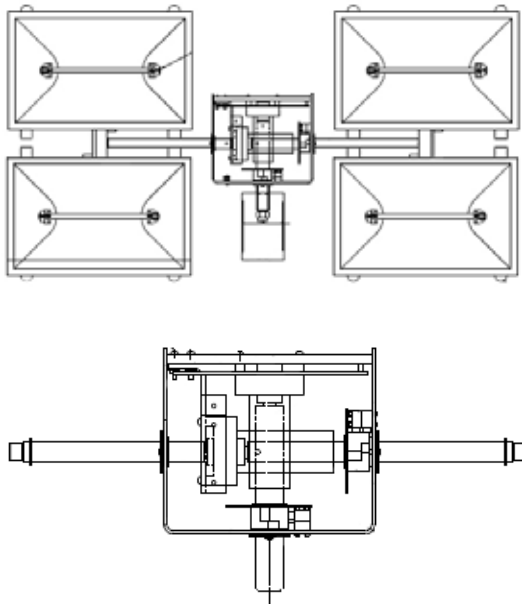
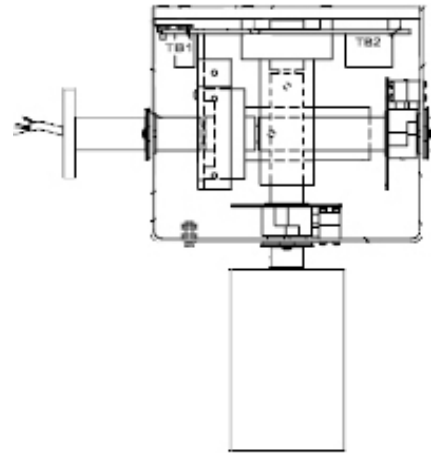| Brand	Model	Light Warranty	Volts	Number of Lights	Total Lumens	Total Watts	Chief 1.8	Chief 2.3	Powerlite	Vertical	RCP Style
Will-Burt	WB 150	2	120/240	2	45,000	300			x	x	Apple Shaft
Will-Burt	WB 300	2	120/240	2	90,000	600			x	x	Apple Shaft
F R C	SPECTRA	5	240	2	40,000	460			x	x	Apple Shaft
F R C	SPECTRA	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
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

LED LIGHTING UPGRADE KITS
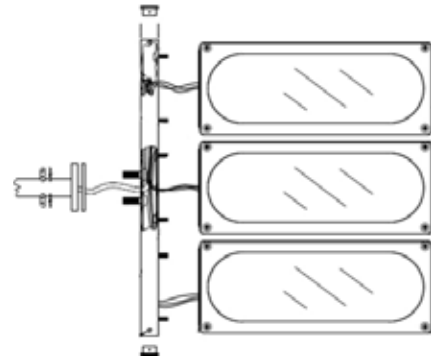## FLANGE SHAFT IDENTIFICATION

Look for:

- **Old Style flat RCP covers OR Skull Shaped RCP**
- **Flanged Shafts**
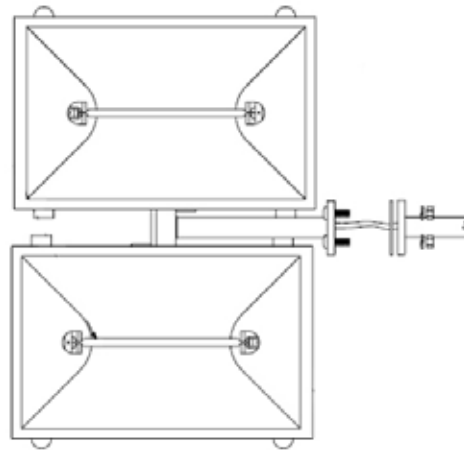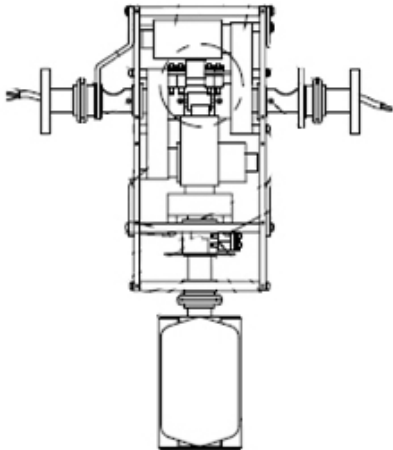
Brand	Model	Light Warranty	Volts	Number of Lights	Total Lumens	Total Watts	Chief 1.8	Chief 2.3	Powerlite	Vertical	RCP Style
Will-Burt	WB 150	2	120/240	2	45,000	300			x	x	Flange Shaft
Will-Burt	WB 300	2	120/240	2	90,000	600			x	x	Flange Shaft
F R C	SPECTRA	5	240	2	40,000	460			x	x	Flange Shaft
F R C	SPECTRA	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
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

CONTACT YOUR SALES REPRESENTATIVE TODAY
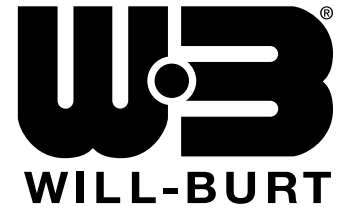
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The Will-Burt Company, headquartered in Orrville, Ohio, USA, is the world's premier manufacturer of mobile telescoping masts, towers and pan and tilt positioners. We offer virtually every mobile payload elevation and integration solution for defense, 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.