

# VANDALPROOF LIGHTS



Ideal for high abuse areas in public buildings, schools, garages and parks.

Available in Bronze and White

Both Vandalproof Center Pin Torx and slotted Phillips head screws supplied

Die cast aluminum housing

Tough polycarbonate refractor

Vertical HID Lamp

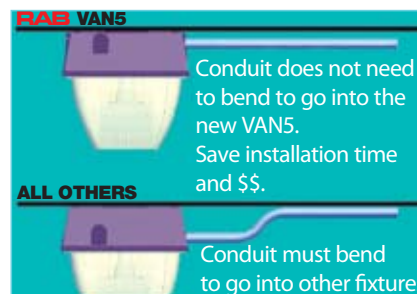
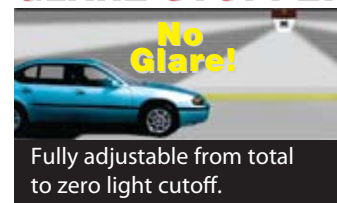
Adjustable 4 way Glare Guard

Increased Wattage to 200W MH PS

Improved heat control



## VAN5 GLARE STOPPER



## Product Information

	Total Watts	Lamp Type	Lamp Base	Ballast	Starting Amps / Operating Amps				Input Watts	Lamp ANSI	Initial Lumens	Lamp Hours
					120V	208V	240V	277V				
<b>Compact Fluorescent</b> Lamp supplied with fixture	26	26w Triple	GX24q-3	Electronic QT	0.3	0.2	0.13	0.11	29		1,800	12,000
	32	32w Triple	GX24q-3	Electronic QT	0.3	0.2	0.2	0.13	36		2,400	12,000
	42	42w Triple	GX24q-4	Electronic QT	0.4	0.25	0.2	0.17	46		3,200	12,000
	64	2-32w Triple	GX24q-3	Electronic QT	0.5	0.5	0.4	0.3	72		4,800	12,000
	84	2-42w Triple	GX24q-4	Electronic QT	0.6	0.6	0.5	0.4	92		6,400	12,000
	96	3-32w Triple	GX24q-3	Electronic QT	0.8	0.7	0.5	0.4	108		9,600	12,000
<b>High Pressure Sodium</b> Lamp supplied with fixture	35	ED17	Med	R-NPF 120V	1.4 / 1.8				46	S76	2,300	24,000
	50	ED17	Med	R-NPF 120V	1.8 / 1.2				62	S68	4,000	24,000
	70	ED17	Med	R-NPF 120V	2.3 / 1.7				86	S62	6,300	24,000
	100	ED17	Med	R-NPF 120V	3.0 / 2.5				115	S54	9,500	24,000
	100	ED17	Med	HX-HPF QT	0.9 / 1.1	0.6 / 0.6	0.5 / 0.6	0.4 / 0.5	115	S54	9,500	24,000
	150	ED17	Med	R-NPF 120V	4.0 / 2.6				170	S55	16,000	24,000
	150	ED17	Med	HX-HPF QT	1.6 / 1.6	0.9 / 0.9	0.8 / 0.8	0.7 / 0.7	188	S55	16,000	24,000
<b>Metal Halide</b> Lamp supplied with fixture For UV coated lamp, consult factory	50	ED17	Med	HX-HPF 120V	0.8 / 0.6				69	M110	3,400	10,000
	70	ED17	Med	HX-HPF QT	0.7 / 0.8	0.4 / 0.5	0.4 / 0.4	0.3 / 0.4	90	M98	5,600	15,000
	100	ED17	Med	HX-HPF QT	1.0 / 1.2	0.6 / 0.7	0.5 / 0.6	0.4 / 0.5	129	M90	9,000	15,000
	125	ED17	Med	CWA QT	0.9 / 1.3	0.5 / 0.8	0.5 / 0.7	0.4 / 0.6	150	M150	12,000	11,250
	150	ED17	Med	CWA QT	1.4 / 1.7	1.0 / 1.0	0.7 / 0.8	0.6 / 0.7	190	M102	14,000	11,250
	150	ED17	Med	CWA-HPF QT	1.3 / 1.8	0.8 / 1.0	0.7 / 0.9	0.6 / 0.8	185	M107	12,500	10,000
	175 *	ED17	Med	CWA-HPF QT	1.6 / 1.8	0.9 / 1.1	0.8 / 0.9	0.7 / 0.8	210	M57	14,000	10,000
	200	ED17	Med	CWA-HPF QT	2.1 / 2.0	1.2 / 1.3	1.1 / 1.0	0.8 / 0.9	232	M136	21,000	12,000

**Factory Installed Options**  
Add suffix to catalog number

- Photocell - specify voltage
- Mini Motion Sensor (for CFL 120v only)
- Quartz Restrike
- Emergency Battery Backup 120V:
- (single lamp 42w max) 277V:
- VAN5 CFL only

**New!**

## Specifications

**UL Listing:**  
Suitable for wet locations. Fixtures can be wired with 90°C supply wiring if supply wires are routed 3" away from ballast.

**Sockets:**  
HPS & MH  
Medium base 4kv Pulse Rated Glazed porcelain  
CFL  
Plug-in type, thermoplastic

**Refractor:**  
Injection molded polycarbonate, designed for maximum structural strength.

**HID Quartz restrike:**  
Add suffix "QR" to Van3 (50w restrike) or Van5 (100w restrike) for HOT restrike. Provides immediate illumination in case of momentary power failure.

**Housings:** Die cast aluminum with powder coat bronze or white finish.

**Screws:** Tamperproof center pin Torx-head and slotted Phillips head stainless steel screws provided. Be sure to order your Torx screwdriver (Catalog #VANDRIVER).

**Factory Installed Accessories**  
Quartz Restrike:  
Add suffix "QR" for VAN3 & VAN5 HID only  
Mini Motion Sensor:  
Add suffix "MS" for VAN 3 & VAN 5 Fluorescent 120v only. 180° detection. For sensor details, see page 38.  
Photocell:  
Add suffix: "PC" for button photocell /PCS for swivel photocell:  
VAN3 & VAN5 only

**Reflectors / Backplate:**  
Heavy gauge cold rolled steel with high reflectance baked white enamel.

**Fluorescent Ballast Starting Temperatures:**  
Electronic QT: 0°F / -18°C

**Emergency Battery Back Up:**  
Bodine "Coldpak" will operate the VAN5 42watt CFL lamp for 90 minutes if power fails. Rated -20°C to +55°C. Battery is a maintenance free NiCad with 7-10 year life. For VAN5 CFL only.

**Patents:**  
The designs of RAB fixtures are protected under U.S. and international intellectual property laws.

## Photometrics

See page 176 for VAN3 and VAN5 Photometrics

[www.rabweb.com](http://www.rabweb.com)  
Spec sheets • EZ Lighting Layouts  
Photometrics • Wiring Diagrams  
IES Files • Installation Instructions

**VAN3 CFL, MH & HPS**

Medium size ceiling mount fixture: 26, 32 and 42 watt compact fluorescent or 35, 50 and 70 watt HPS, 50 and 70 watt Metal Halide. Housing is die cast aluminum with clear vandalproof polycarbonate refractor. Photocell, Sensor (CFL 120v only) and Quartz Restrike (HPS & MH only) models available. Lamps supplied.

Finish: ● Bronze  
○ White



SmartVAN3 with Mini Sensor Add suffix /MS CFL 120 volt only

**VAN5 MH & HPS**

Large size ceiling mount fixture: Increased wattage to 200W MH PS. Vertical lamp HID. Adjustable, 4-way glare guard & "No Bend" conduit entrance. Excellent heat control eliminates heat problems. Housing is die cast aluminum with clear vandalproof polycarbonate refractor. Lamps supplied.

Finish: ● Bronze  
○ White



**VAN5 CFL**

Large size ceiling mount fixture: Horizontal CFL lamps. "No Bend" conduit entrance. Housing is die cast aluminum with clear vandalproof polycarbonate refractor. Available with Emergency Battery Backup option with 42 watt CFL. Lamps supplied.

Finish: ● Bronze  
○ White



SmartVAN5 with Mini Sensor Add suffix /MS CFL 120 volt only



Play Ball!

RAB Vandalproof lights are installed in Yankee Stadium.

**Catalog Numbers**

Bronze	White
VAN3F26QT	VAN3F26QTW
VAN3F32QT	VAN3F32QTW
VAN3F42QT	VAN3F42QTW

VAN3S35	VAN3S35W
VAN3S50	VAN3S50W
VAN3S70	VAN3S70W

VAN3HH50	VAN3HH50W
VAN3HH70QT	VAN3HH70QTW

/PC for Button Photocell /PCS for Swivel  
/MS for Mini Motion Sensor (CFL 120v only)  
/QR for Quartz Restrike (HPS & MH only)

Bronze	White
VAN5S100	VAN5S100W
VAN5SH100QT	VAN5SH100QTW
VAN5S150	VAN5S150W
VAN5SH150QT	VAN5SH150QTW

VAN5HH100QT	VAN5HH100QTW
VAN5HH125PSQ	VAN5HH125PSQW
VAN5HH150PSQ	VAN5HH150PSQW
VAN5HH150QT	VAN5HH150QTW
VAN5HH175QT	VAN5HH175QTW
VAN5HH200PSQ	VAN5HH200PSQW

/PC for Button Photocell /PCS for Swivel  
/QR for Quartz Restrike (HPS & MH only)

Bronze	White
VAN5F64QT	VAN5F64QTW
VAN5F84QT	VAN5F84QTW
VAN5F96QT	VAN5F96QTW

/PC for Button Photocell /PCS for Swivel  
/MS for Mini Motion Sensor (CFL 120v only)

/E1  
/E2

**Dimensions**

