

# REFLECT-A-BAY™

4 OR 6 LAMP T5 OR T8 FLUORESCENTS

More light.

Lower costs.

Easier to install.



**SIMKAR**  
CORPORATION

# More light. Lower costs.

*Choose from 6 mounting options: from a chain hanger to a center mount slidebox that's great for HID retrofits*

*Choice of reflectors: pick the one you need*

*85% specular with medium to narrow distribution*

*White reflector for wide distribution – great for lowbay applications*

*6 or 4 lamp versions*

*For use with T5 or T8 lamps*

*Save up to 20% in energy when used in place of traditional HID*

**SIMKAR**  
CORPORATION

CALL 800.523.3602 • FAX 215.831.7703  
www.simkar.com • lighting@simkar.com

# Easier to install.

Simkar's new Reflect-a-Bay™ is the perfect complement to our innovative Adjust-a-Bay series of product. Reflect-a-Bay™ incorporates the same attention to quality and detail as its predecessor, offering both T5 and T8 in four and six lamp configurations. Coupled with a wide array of options and accessories, Reflect-a-Bay™ is the perfect choice for manufacturing, warehouse, retail or institutional applications, be they new installations or retro-fits.

For additional information or help in selecting the right fixture for your specific application, contact your local Simkar representative or Simkar directly at [www.simkar.com](http://www.simkar.com).

## Order Logic

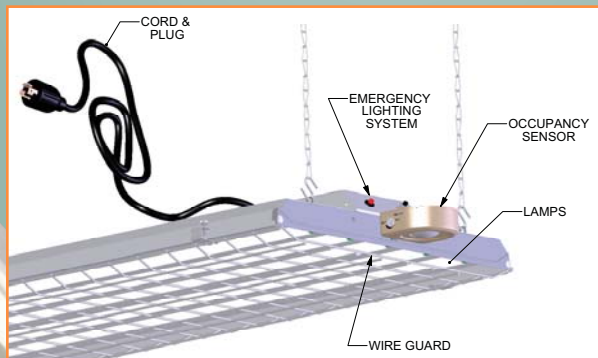
series	lamps	aperture	reflectors	ballast	voltage
<b>REF</b>	T8 Lamps: <b>432</b> - (4) 32W <b>632</b> - (6) 32W  T5 HO Lamps: <b>454</b> - (4) 54W <b>654</b> - (6) 54W	<b>S</b> - Solid Reflectors, downlight only	<b>SR</b> - Specular Aluminum  <b>WR</b> - Single White Reflector	T8 Lamps: <b>B11</b>  T5 Lamps: <b>B12</b>  Request: <b>B9(X)</b>	<b>UNV</b>  <b>480V</b>

### Important Notes:

Consult factory for 480V specifications and pricing.  
B9(x) is a customer specified ballast, consult factory.  
UNV ballast is the default ballast if not specified. Handles 120-277V.  
Lamps for the Reflect-A-Bay are sold separately/not installed.

## Options (add to Order Logic)

system options	6' cord & plug w/ twist lock	packaging options	standard mounting options
<b>ELS</b> - Emergency Lighting System	<b>CPT1</b> - 120V <b>CPT2</b> - 277V	<b>BP</b> - Bulk Pack	<b>CA24</b> - Chain Hanger Assembly (24" total drop)
<b>OS2</b> - Occupancy Sensor	Example: <b>REF-432-S-B11-UNV-SR-BP</b> Please contact the factory for any special order requests. For other mounting options, please reference accessories.  See page 4 for detailed drawings.		<b>CS24</b> - "S" Hook (4) Chain Hanger Assembly (24" total drop)
<b>OS3</b> - Occupancy Sensor			<b>HKSC</b> - Hook & Chain Assembly (24" total drop)
<b>OS4</b> - Occupancy Sensor			<b>SBH</b> - Center Mount Slide Box w/ hook assembly
			<b>SBP(X)</b> - Center Mount Slide Box w/ pendant mount (available in 24", 48" or 72" lengths)
			<b>PM2(X)</b> - Twin Pendant Mount (available in 24", 48" or 72" lengths)



## Reflect-A-Bay vs. Metal Halide FEATURE/BENEFIT COMPARISON

	Reflect-A-Bay	MH High Bay
Lumen Maintenance	Very High (93% - 95%)	Low 60%
Fixture Efficiency	Very High (96% - 99%)	Low 70%
Recommended Lamp Replacement	20,000 HRS	12,000 HRS
Instant On	Control friendly - starts immed.	Very slow to warm up to full brightness
Hot Restrike	Restarts immed. in event of power interruption	Up to a 20 minute wait
Color Rendering Index (CRI)	85 - improves visual acuity	65
Uniformity of Illumination	Light spreads out evenly minimizing glare and shadows	Hot spots, shadows and strong glare
Lamp Color	Lamps maintain consistent lamp color over life	Lamp color will shift as lamp ages
Built-In Switching	Low cost option	High cost option
Occupancy Sensor	Low cost/flexible option	High cost (As option is not standalone. Used in conjunction w/ high-2-low)
Low Operating Temperature	-18°C	-20°C
Ambient Temperature Rating	45°C (consult factory for best results)	55°C

## Reflect-A-Bay vs. Metal Halide ENERGY COMPARISON

	Reflect-A-Bay 6-Lamp T5HO	MH High Bay 400 Watt
Watts per Fixture	360	460
Initial Lumens	30,000*	36,000
Lumens Per Watt (initial)	83.3	78.3
Lumens Maintenance Rating	95%	69%
Design Lumens **	28,500	24,840
Fixture Efficiency	98%	68%
Usable Lumens ***	27,930	16,927
Usable Lumens/watt	77.6	36.8
Savings per Fixture	Produces 65% more light with 27% less energy	

\*35°C Ambient Temperature

\*\* Design Lumens=Initial Lumens x Lumen Maintenance Rating

\*\*\*Usable Lumens=Design Lumens x Fixture Efficiency

## Accessories *(order separately)*

**RWG4** – Wire Guard, 4 Lamp Fixture

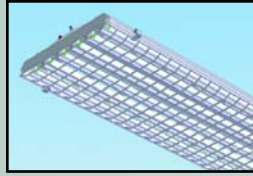
**RWG6** – Wire Guard, 6 Lamp Fixture

**REF4** – Lens, 4 Lamp Fixture

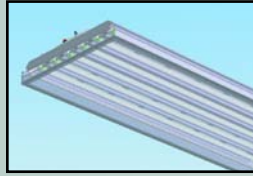
**REF6** – Lens, 6 Lamp Fixture

**WREF4** – Steel Wire Guard & Lens Assembly, 4 Lamp Fixture

**WREF6** – Steel Wire Guard & Lens Assembly, 6 Lamp Fixture



**Wire Guard**



**Clear Acrylic Lens**

## Dimensions

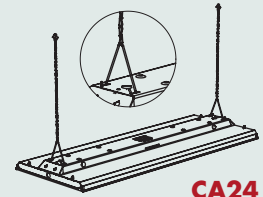


**Reflect-A-Bay 4**

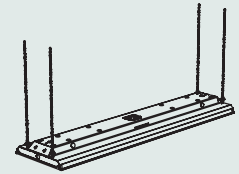


**Reflect-A-Bay 6**

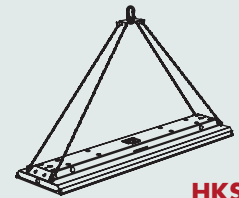
## Options *(see page 3)*



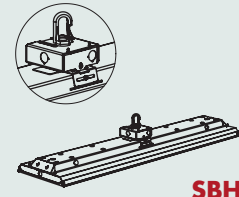
**CA24**



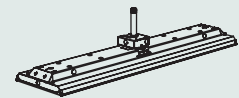
**CS24**



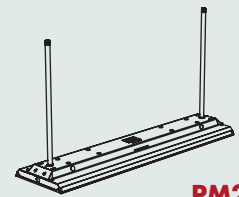
**HKSC**



**SBH**



**SBP(X)**



**PM2(X)**



Corporate Headquarters & Primary Manufacturing

700 Ramona Ave.  
Philadelphia, PA 19120-4691  
Call 215.831.7700  
Fas 215.831.7703  
LIGHTING@SIMKAR.COM  
www.SIMKAR.com

SIMKAR WEST

West Coast Manufacturing & Distribution  
6355 South Windy Street, #5  
Las Vegas, NV 89119  
800.523.3602