

**REFLECT-A-BAY™**

***More light. Lower costs. Easy installation.***



4, 6, AND 8 LAMP T5HO OR T8 FLUORESCENT

**SIMKAR**  
CORPORATION®

## More light.

Simkar's expanded Reflect-a-Bay™ offering 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 T5HO or T8 in four, six, and eight 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, for new installations or retrofits.

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

***Uplighting available  
on all models***

## Lower costs.

***Save up to 50% in  
energy when used in place  
of traditional HID***



**8 lamp T5HO/T8  
HPT8 CEE QUALIFIED**

***An energy efficient alternative  
to 1000W MH HID***

***Ideal for ceiling heights  
over 40 feet***



### ***Choice of reflectors:***

- 85% specular with medium to narrow distribution***
- White for wide distribution lowbay applications***

***T5HO and T8 versions 4, 6 or 8 lamps***

***Choose from 7 mounting options: from a chain hanger to a  
center mount slidebox that's great for HID retrofits***

## Easy installation.

### Reflect-A-Bay Series Ordering Information

SERIES	LIGHT CONFIGURATION	APERTURE	REFLECTOR	BALLAST	VOLTAGE	6' CORD+PLUG
REF	<b>4 LAMP</b> 432 - (4) F32T8 454 - (4) F54T5HO <b>6 LAMP</b> 632 - (6) F32T8 654 - (6) F54T5HO <b>8 LAMP</b> 832 - (8) F32T8 854 - (8) F54T5HO	<b>A</b> - Aperture <b>S</b> - Solid	<b>SR</b> - Specular Aluminum <b>WR</b> - White	<b>B11</b> - T8 <b>B11HP(x)</b> - High Performance T8 (specify Low, Normal, or High) <b>B12</b> - T5 HO <b>B9(x)</b> - Customer-specified (specify)	<b>UNV</b> - 120-277V <b>U24</b> - 277-480V <b>U34</b> - 347-480V <b>347</b> - 347V <b>480</b> - 480V	<b>CPT(x)</b> 1 - 120V twist + lock 2 - 277V 3 - 208V 4 - 340V 5 - 480V <b>C</b> - 120V straight blade

Lamps not included unless ordered

OPTIONS	MOUNTING ACCESSORIES (Order separately)	ACCESSORIES (Order separately)
<b>EMERGENCY LIGHTING SYSTEM</b> Lumens      T8      T5 ELS1      (up to 450)      (up to 520) ELS2      (up to 700)      (up to 700) ELS3      (up to 1400)      (up to 1325) NOTE: ELS2 AND ELS3 FOR T8 OPERATE ONE OR TWO LAMPS. ALL OTHERS OPERATE ONE LAMP ONLY. <b>OS(x)</b> - Occupancy Sensor (specify # of lamps controlled - 2, 4, 6 or 8) <b>OSDL(x)</b> - Daylight Sensor (specify # of lamps controlled - 2, 4, 6 or 8) <b>FB*</b> - Fast blow fuse <b>SB*</b> - Slow blow fuse <b>BP</b> - Bulk Pack	<b>CA24</b> - Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" <b>CS24</b> - S-hook Chain Hanger Assembly - (2) 18" chains, (2) "V" hooks, (2) "S" hooks for total drop 24" <b>PM2(x)</b> - Twin Pendant Mount - 2 white stem kits - specify length (24", 36", 48", 60", 72") <b>HKSC</b> - Hook & Chain Assembly - Monopoint mount to four point suspension. (Includes hook, chain, and mounting plate) <b>CAB(x)72</b> - Adjustable Cables - includes 6-foot steel aircraft cables, toolless adjusters and mounting hardware. Specify "2" for 2 cables & Y-hanger or "4" for 4 cables. <b>SBH</b> - Slide Box with hook - Level adjustable for mono-point hook mount. <b>SBP(x)</b> - Slide Box & Single Pendant Mount- Level adjustable for mono-point pendant mount - specify length (24", 36", 48", 60", 72"). Other lengths available.	<b>RWG(x)</b> Heavy Duty Wire Guard (Specify lamp) <b>REF(x)</b> Acrylic Lens (Lift and Shift) <b>WREF(x)</b> Acrylic Lens And Heavy Duty Wire Guard Combo For above, please specify # of lamps (4, 6, or 8)

\*Lamps not included unless ordered

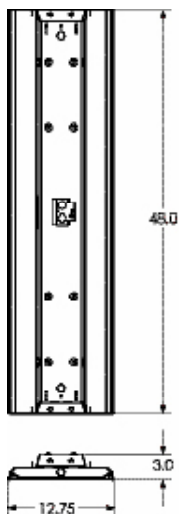
### Reflect-A-Bay vs. Metal Halide

LAYOUT	Existing System 250W Low Bay Metal Halide	Proposed System 4 Lamp F32T8
Fixture mounting height	20'	20'
<b>Lamp &amp; fixture data</b>		
Initial lamp lumens	20,500	2,950
Number of lamps	1	4
Initial fixture lumens	20,500	11,800
Ballast factor	1	1.04
Initial fixture lumens (ballast corrected)	20,000	12,272
Lamp lumen depreciation	0.60	0.95
Luminaire dirt depreciation	0.85	0.85
Fixture efficiency	0.80	0.98
Maintained fixture lumens	8364	9711
Fixture watts	288	136
Fixture lumens/watt	29	71
CRI (color rendering index)	65	82
Avg. maintained footcandles	23	29
<b>Operating Data</b>		
Number of fixtures	100	100
Cost/kWh	\$0.10	\$0.10
Total wattage	28,880	13,600
Square footage	36,000	36,000
Total installed price	—	\$19,000
Watts/sq. foot	0.8	0.32
Annual oper. hrs. (365x24)	8760	8760
<b>SAVINGS ANALYSIS</b>		
Annual energy costs	\$25,298	\$11,914
Annual energy savings	existing	\$13,384
Savings / Fixture		1.41 Years
<b>PAYBACK</b>		

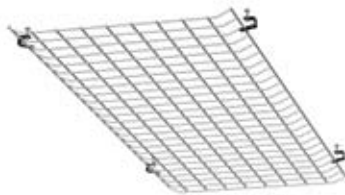


# REFLECT-A-BAY HIGH PERFORMANCE BAY LIGHTING

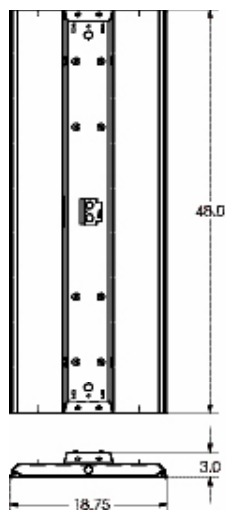
## Dimensions



**Reflect-A-Bay 4 light**



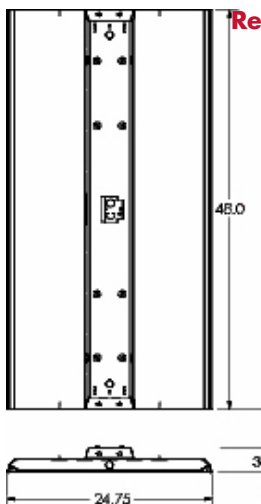
**Wire Guard**



**Reflect-A-Bay 6 light**



**Clear Acrylic Lens**



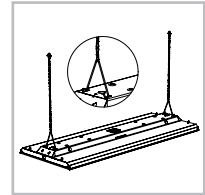
**Reflect-A-Bay 8 light**



## Choose from 7 mounting options:

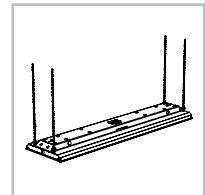
### Chain Hanger Assembly

Ordering Code  
**CA24**



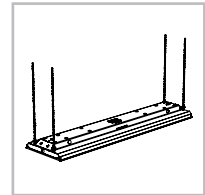
### "S" Hook (4) Chain Hanger Assembly

Ordering Code  
**CS24**



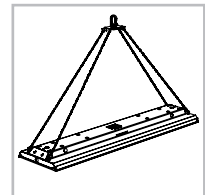
### Adjustable Aircraft Cables

Ordering Code  
**CAB472**



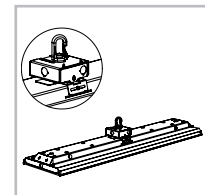
### Hook & Chain Assembly

Ordering Code  
**HKSC**



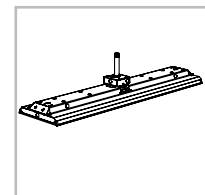
### Center Mount Slide Box w/ Hook Assembly

Ordering Code  
**SBH**



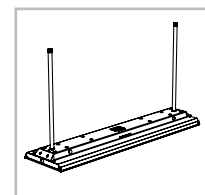
### Center Mount Slide Box w/ Pendant Mount

Ordering Code  
**SBP**



### Twin Pendant Mount

Ordering Code  
**PM2**



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