



## FEATURES & SPECIFICATIONS

A small profile T5 HO fluorescent commercial/industrial luminaire robustly designed for maximum performance with minimum energy use in highbay application. With near tool-less design the RAPTOR™ is ready to install right out of the box – even the lamps come pre-installed. Multi-volt ballasts take the guesswork out of what to stock. Rated at 93 L/W (54 watt lamp), this product offers outstanding savings on installation and maintenance labor costs. **UL/CUL Damp Location Listed. MADE IN USA.**

### Housing

Six-piece extruded aluminum housing with integral ballast heat-sink. Reflectors easily removed for access to ballast/wiring compartment. 16 gauge aluminum endplates with ½" wiring hole. Clear anodized standard finish – Anodized colors available.

### Electrical

Ballasts are CBM certified HPF electronic programmed start, 0.99 power factor, <10% THD, UL/CSA listed, Type 1 Class P. Lamp holders are positive-lock, captive rotor type.

### Optics

95% reflective specular hard-anodized aluminum roll-formed engineered T5 reflector. Optional 0.125" clear acrylic or polycarbonate lens in captive, hinged/latched anodized aluminum door frame. Optional dedicated uplight lamps with identical reflector attributes and snap-on linear-prismed acrylic lenses.

### Mounting

Fixture housed with four endplate mounting tabs that will accept chain hooks. Other mounting options available.

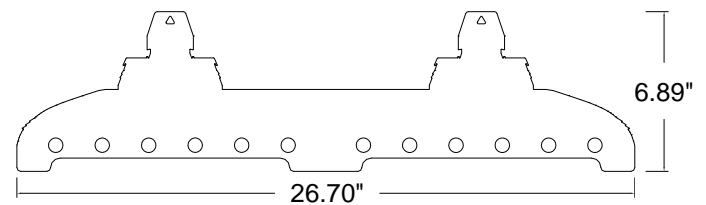
### Shipping

Shipped assembled & fully tested in Protective Job Pack.

<b>Project</b>	
<b>Fixture Type</b>	
<b>Catalog #</b>	
<b>Distrib/Cont</b>	
<b>Date:</b>	<b>Prepared By:</b>

# RAPTOR™ Series RAP12™

PATENT PENDING



### Dimensions

26.70"W x 6.89"H x 47.75"L

Weight : 29 lbs. 6 oz.

## CATALOG NUMBER LOGIC:

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FIXTURE MODEL	-- FIXTURE LENGTH	-- LAMP WATTS	-- LAMP COLOR TEMP.	-- BALLAST	-- OPTIONS
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### BALLAST AND OPTIONS DESCRIPTIONS:

**MODEL:**  
RAP12 = RAPTOR™ 12 LAMP PROFILE

**LENGTH:**  
4 = 4 FEET NOMINAL (12 LAMP TOTAL)  
8 = 8 FEET NOMINAL (24 LAMP TOTAL – Field assembly required)

**LAMP WATTAGE:**  
54 = 4' & 8' (NOM.) 54W HO (5000 LUMENS)  
28 = 4' & 8' (NOM.) 28W HE (2900 LUMENS)

**COLOR TEMPERATURE (LAMP):**  
30 = 3000 K XX = NO LAMPS  
35 = 3500 K  
41 = 4100 K  
50 = 5000 K  
65 = 6500 K

**BALLAST:**  
MV = MULTI-VOLTAGE (120V to 277V, 50/60 Hz)  
D3 = DEDICATED 347V  
D4 = DEDICATED 480V  
DM = DIMMING BALLAST (Specify manufacturer & model)

**MOUNTING:**  
\* SPECIFY LENGTH OF DROP IN FEET  
ACYT = Upside-down "Y" cable set with toggle ends  
HD = Heavy Duty RAPTOR™ mounting brackets (requires 2 pairs)  
PFSD = Power feed stem kit with ¾"NPT coupling (field assembled)  
PFHD = Power feed hook kit  
SC = Safety cable, adjustable Gripple #2, 10' length

**OPTIONS:**  
\*SPECIFY LENGTH OF DROP IN FEET  
UP = TWO DEDICATED UPLIGHT LAMPS IN LENSED COMPARTMENTS  
LP = POLYCARBONATE LENS IN ALUMINUM DOOR FRAME (RAP12 requires 2)  
LA = ACRYLIC LENS IN ALUMINUM DOOR FRAME (RAP12 requires 2)  
TGL = TEMPERED GLASS LENS IN ALUMINUM DOOR FRAME (RAP12 requires 2)  
WGK = WIREGUARD KIT IN ALUMINUM DOOR FRAME (RAP12 requires 2)  
WGP = WIREGUARD & POLYCARBONATE LENS (RAP12 requires 2)  
WGA = WIREGUARD & ACRYLIC LENS (RAP12 requires 2)  
CS\* = CORDSET, 16/3, BLACK INSTALLED  
CT\* = CORDSET, 16/4, BLACK INSTALLED  
FW\* = FLEX WHIP, 3/8" 18/3 FILL, ½" FITTING  
OS = OCCUPANCY SENSOR, FIXTURE MOUNTED (SPECIFY DISTRIBUTION)  
PC = PHOTOCCELL, FIXTURE MOUNTED (SHIPS INSTALLED)  
SW2 = SPLIT-WIRED LAMPING FOR MULTI-LEVEL CONTROL (SPECIFY CONFIGURATION)  
GLR = GLR IN-LINE FUSING - INSTALLED (SPECIFY VOLTAGE AND AMPERATE)  
EM = EMERGENCY BATTERY BALLAST





**RAPTOR™ Series**  
**RAP12™**

**PHOTOMETRIC TEST REPORT:**

REPORT NUMBER:  
CATALOG NO.: RAP12-4-54-35-MV-XX  
TOTAL INPUT WATTS: 660.0  
FITURE EFFICIENCY: AT 5000 LUMENS – 72.5%  
AT 4450 LUMENS – 77.9%

**THE RAPTOR 12-LAMP** Luminaire is two **6-Lamp** units  
Joined side-by-side. It is Photometrically correct to  
Use two **RAP6** Photometric files side-by-side for  
calculation purposes. Refer to **RAP6** Photometry for  
details



**WARRANTY:** The Light Edge, Inc. warrants the  
RAPTOR™ to be free from defects in material and work-  
manship for 15 years from date of purchase, exclusive of  
lamps, ballasts, and optional electrical devices. Refer to  
website for complete warranty information.

