



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 upright lamps with identical reflector attributes and snap-on linear-prismed acrylic lenses.

Mounting

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

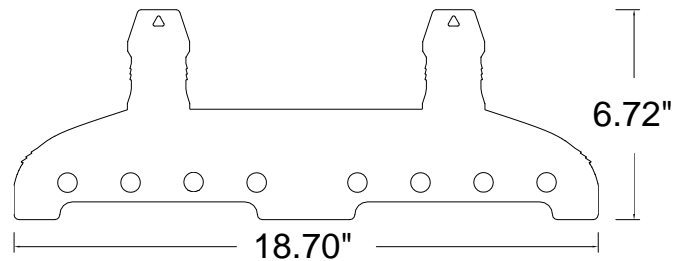
Shipping

Shipped assembled & fully tested in Protective Job Pack.

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

RAPTOR™ Series RAP8™

PATENT PENDING



Dimensions

18.70"W x 6.72"H x 47.75"L

Weight : 23 lbs. 8 oz.

CATALOG NUMBER LOGIC:

FIXTURE -- FIXTURE -- LAMP -- LAMP COLOR -- BALLAST -- OPTIONS
MODEL LENGTH WATTS TEMP.

BALLAST AND OPTIONS DESCRIPTIONS:

MODEL:

RAP8 = RAPTOR™ 8 LAMP PROFILE

LENGTH:

4 = 4 FEET NOMINAL (8 LAMP TOTAL)
8 = 8 FEET NOMINAL (16 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 (RAP8 requires 2)
LA = ACRYLIC LENS IN ALUMINUM DOOR FRAME (RAP8 requires 2)
TGL = TEMPERED GLASS LENS IN ALUMINUM DOOR FRAME (RAP8 requires 2)
WGK = WIREGUARD KIT IN ALUMINUM DOOR FRAME (RAP8 requires 2)
WGP = WIREGUARD & POLYCARBONATE LENS (RAP8 requires 2)
WGA = WIREGUARD & ACRYLIC LENS (RAP8 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 = PHOTOCELL, 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
RAP8™

PHOTOMETRIC TEST REPORT:

REPORT NUMBER:
CATALOG NO.: RAP8-4-54-35-MV-XX
TOTAL INPUT WATTS: 440.0
FITURE EFFICIENCY: AT 5000 LUMENS – 75.2%
AT 4450 LUMENS – 80.9%

THE RAPTOR 8-LAMP Luminaire is two **4-Lamp** units
Joined side-by-side. It is Photometrically correct to
Use two **RAP4** Photometric files side-by-side for
calculation purposes. Refer to **RAP4** 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.

