



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

Three-piece extruded aluminum housing with integral ballast heat-sink. Reflectors easily removed for access to ballast/wiring compartment. 16 gauge aluminum endplates with 1/2" 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 lamp with identical reflector attributes and snap-on linear-prismed acrylic lens.

Mounting

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

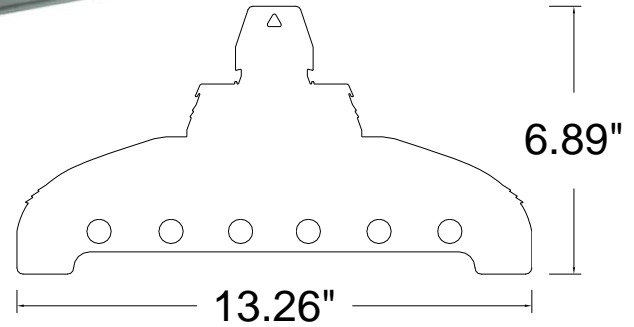
Shipping

Shipped assembled & fully tested in Protective Job Pack.

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

RAPTOR™ Series RAP6™

PATENT PENDING



Dimensions

13.26"W x 6.89"H x 47.75"L

Weight : 13 lbs. 2 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:
RAP6 = RAPTOR™ 6 LAMP PROFILE

LENGTH:
4 = 4 FEET NOMINAL (6 LAMP TOTAL)
8 = 8 FEET NOMINAL (12 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
ASP* = Powered aircraft cable kit, single circuit, slotted gripper
ASPB* = Powered aircraft cable kit, two circuits, slotted gripper
ASC* = Aircraft cable kit suspension kit, slotted gripper
ACYE = Upside-down "Y" cable set with eyelet ends
HD = Heavy Duty RAPTOR™ mounting brackets
PFS1/3 = Power feed stem kit with 3/4"NPT (PFS3) or 1/2"NPT (PFS1) coupling
PFH = Power feed hook kit
WBADJ = RAPTOR™ Adjustable wall bracket mount

OPTIONS:
* SPECIFY LENGTH OF DROP IN FEET
LP = POLYCARBONATE LENS IN ALUMINUM DOOR FRAME
LA = ACRYLIC LENS IN ALUMINUM DOOR FRAME
TGL = TEMPERED GLASS LENS IN ALUMINUM DOOR FRAME
WGK = WIREGUARD KIT IN ALUMINUM DOOR FRAME
WGP = WIREGUARD & POLYCARBONATE LENS
WGA = WIREGUARD & ACRYLIC LENS
CS* = CORDSET, 16/3, BLACK INSTALLED
CT* = CORDSET, 16/4, BLACK INSTALLED
FW* = FLEX WHIP, 3/8" 18/3 FILL, 1/2" FITTING
UP = DEDICATED UPLIGHT LAMP IN LENSED COMPARTMENT
OS = OCCUPANCY SENSOR, FIXTURE MOUNTED (SPECIFY DISTRIBUTION)
PC = PHOTOCELL, FIXTURE MOUNTED (SHIPS INSTALLED)
SW = SPLIT-WIRED LAMPING FOR MULTI-LEVEL CONTROL (SPECIFY CONFIGURATION)
GLR = GLR IN-LINE FUSING - INSTALLED (SPECIFY VOLTAGE AND AMPERATE)
EM = EMERGENCY BATTERY BALLAST



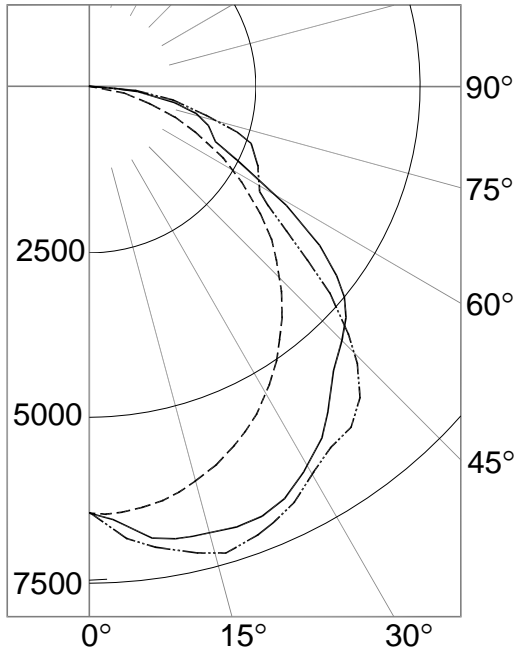
RAPTOR™ Series

RAP6™

PHOTOMETRIC TEST REPORT:

REPORT NUMBER: ITL53499
 CATALOG NO.: RAP6-4-54-35-MV-XX
 TOTAL INPUT WATTS: 330.0
 FIXTURE EFFICIENCY: AT 5000 LUMENS – 72.5%
 AT 4450 LUMENS – 77.9%

DISTRIBUTION CURVE



LEGEND 0-deg: - - - - -
 45-deg: _____
 90-deg: - . - . - .

CANDELA DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	6442	6442	6442	6442	6442
5	6450	6517	6685	6787	6843
15	6183	6654	6984	7230	7307
25	5684	6411	6914	7047	7096
35	4974	5927	6253	6408	6569
45	4089	5059	5428	5765	5698
55	3077	3931	4325	3755	3527
65	1995	2842	2283	2635	2817
75	941	1187	1767	2090	2108
85	126	425	422	460	422
90	0	14	14	4	0

LUMINANCE DATA (CD/SQ. M)

	0-DEG	45-DEG	90-DEG
45	14491	19237	20194
55	13445	18898	15411
65	11830	13538	16704
75	9113	17112	20414
85	3622	12131	12131

ZONAL LUMEN SUMMARY (@ 5000 LUMENS PER LAMP)

ZONE	LUM.	%LAMP	%FIXT
0 - 30	5678	18.9	26.1
0 - 40	9496	31.7	43.7
0 - 60	16993	56.6	78.2
0 - 90	21743	72.5	100.0
90 - 180	0.0	0.0	0.0
0 - 180	21743	72.5	100.0



COEFFICIENTS OF UTILIZATION ZONAL CAVITY METHOD

RF	20	20	20	20	20	20
RC	80	70	50	30	10	0
RW	70 50 30 10	70 50 30 10	50 30 10	50 30 10	50 30 10	0
0	86 86 86 86	84 84 84 84	81 81 81	77 77 77	74 74 74	72
1	79 75 72 69	77 73 70 68	70 68 66	67 65 64	65 63 62	60
2	71 65 60 56	69 64 59 55	61 57 54	59 56 53	57 54 51	50
3	65 57 51 46	63 56 50 46	54 49 45	52 48 44	50 46 43	42
4	59 51 44 39	58 50 43 39	48 42 38	46 41 38	44 40 37	36
5	55 45 38 34	53 44 38 33	43 37 33	41 36 33	40 36 32	31
6	50 41 34 29	49 40 34 29	38 33 29	37 32 29	36 32 28	27
7	47 37 30 26	45 36 30 26	35 29 25	34 29 25	33 28 25	24
8	43 33 27 23	42 33 27 23	32 27 23	31 26 22	30 26 22	21
9	40 31 25 21	39 30 24 20	29 24 20	29 24 20	28 23 20	19
10	38 28 22 19	37 28 22 18	27 22 18	26 22 18	26 21 18	17

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