

order example:

YU-48-HM-LED50-CT4-UNV-WHT-PHTD-CA4

SERIES

- YU-24 2 Feet Linear Yuma Series [24"]
- YU-36 3 Feet Linear Yuma Series [36"]
- YU-48 4 Feet Linear Yuma Series [48"]

MOUNTING

- CM Ceiling Mount
- HM Horizontal Wall Mount - STANDARD
- VM Vertical Wall Mount

MOUNTING OPTIONS

- TM Tandem Mount – Requires (CA) Option

LED WATTAGE

LEDxx LED (xx = Wattage, ex: LED50)

YU-24	YU-36	YU-48
20W / 30W	30W / 40W / 50W	40W / 50W / 60W*

*Requires Conduit Adapter Back Box (CA)

LED COLOR TEMPERATURE (CCT)

- CT3 ±3000K LED Color Temp
- CT35 ±3500K LED Color Temp
- CT4 ±4000K LED Color Temp
- CT5 ±5000K LED Color Temp

VOLTAGE

- 347 347 Volts
- UNV 120-277 Universal Volt Electronic Driver

STANDARD FINISH

- BK Black
- BZ Bronze
- PA Painted Aluminum
- SV Silver Gray
- WHT Textured White - STANDARD

PREMIUM UPCHARGE FINISH

- CC Custom Color (Visit www.ralcolor.com)
– Provide RAL# or Make-to-Match Color Chip

INHIBITOR FINISH

- +AMW Anti-Microbial White
- +NAT Epoxy Coating for Natatorium
- +OFC Epoxy Coating for Ocean Front Environments

LENS OPTIONS

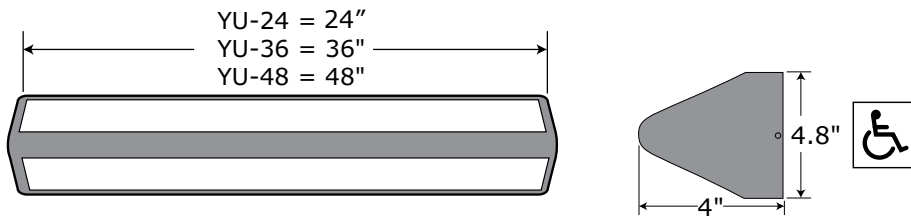
- OPL Opal Acrylic Lens

SHIELD OPTIONS

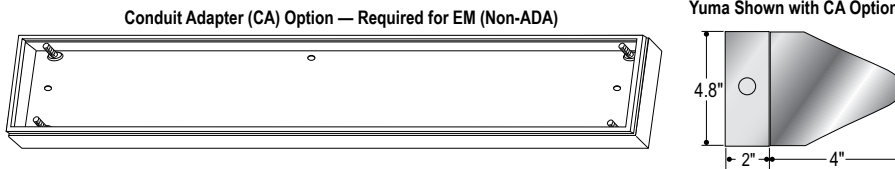
- OB Opaque Bottom - Uplight Only
- OT Opaque Top - Downlight Only (Dark Sky)

Additional Options on PAGE 2

DIMENSIONS



OPTIONS



Catalog Number

Project Name & Location

Type

Product Specifications

DRIVER: Universal Volt 120/277v electronic driver with 0-10V dimming is standard.

EMERGENCY: Optional Integral or Remote Emergency Batteries.

HOUSING: 14 ga. heavy aluminum with welded ends for maximum strength and rigidity. Internal Up/Down Barrier is standard for Bi-Level Switching option (BLS).

BACKPLATE: 14 ga. aluminum die formed with multiple bends for maximum rigidity and unitized with all electrical components.

FINISH: All metal parts are phosphate pre-treated and finished in oven baked polyester powder coat.

LENS: .125" Clear Prismatic Polycarbonate Lens is Standard and includes Glare Control.

FASTENER: Stainless steel torx tamperproof screws to secure housing to backplate.

LIGHT ENGINE: Energy Efficient Light Emitting Diode.

COMPLIANCE: Built to comply with U.S. and Canadian safety standards Suitable For Wet Locations. **Buy American Act (BAA) and ADA compliant.**



High Abuse Linear Collection YUMA

High Abuse Ceiling/Wall Luminaire / Wall Wash / ADA Compliant

LED WATTAGE						
Fixture	Yuma 24		Yuma 36		Yuma 48	
Dimensions L x H x D	24" x 4.8" x 4"		36" x 4.8" x 4"		48" x 4.8" x 4"	
Light Emitting Diode	LED	20W / 30W	30W / 40W / 50W	40W / 50W / 60W*		

*Requires Conduit Adapter Back Box Option (CA)

LED Watts vs. LED Color Temp — Lumen Output				
Color Temperature	3000K (3K)	3500K (35K)	4000K (4K)	5000K (5K)
20 Watt	2354 Lumens	2394 Lumens	2460 Lumens	2539 Lumens
30 Watt	3470 Lumens	3528 Lumens	3626 Lumens	3742 Lumens
40 Watt	4709 Lumens	4788 Lumens	4921 Lumens	5078 Lumens
50 Watt	5700 Lumens	5795 Lumens	5956 Lumens	6147 Lumens
60 Watt	6841 Lumens	6955 Lumens	7148 Lumens	7377 Lumens

NOTE: Lumen Output listed is estimated based upon delivered lumens at 25°C. For Additional information, see LM79 Report.

Lumen Ambient Temperature (LAT) Multipliers	
Ambient Temperature	Lumen Multiplier
0°C / 32°F	1.05
10°C / 50°F	1.03
20°C / 68°F	1.01
25°C / 77°F	1.00
30°C / 86°F	0.99
40°C / 104°F	0.96

NOTE: Use these multipliers to determine relative lumen output for average ambient temps for 0-40°C (32-104°F).

Projected LED Lumen Maintenance	
Operating Hours	Lumen Maintenance Factor
0 Hrs	1.0
25,000 Hrs	0.97
50,000 Hrs	0.95
100,000 Hrs	0.90

PHOTOCELL OPTIONS

PHTD Photocell Button (120/277V)
– Requires Conduit Back Box (CA)

CONTROL OPTIONS (Choose from Manual or Sensor)

MANUAL CONTROL (Wall Switch or Control System)

Note: Cannot be used with Sensor Controls Below
Note: 0-10V (100-30%) Dimming is Standard

0-10D1 0-10VDC LED Dimming Driver (100-10%)

0-10D2 0-10VDC LED Dimming Driver (100-1%)

BLS Bi-Level Switching (Includes Two Drivers)

– Internal Up/Down Barrier is Standard
– Requires Conduit Back Box (CA)

OR

SENSOR CONTROL (Sensor Integral to Fixture)

Note: Cannot be used with Manual Controls Above
Note: Motion Sensor Max Mounting Height 18-Feet

OCC Occupancy Sensing / Motion Sensor Integral

– Microwave / Single Feed / 120/277 Only
– Stand-by Dimming Level Presets: ON/OFF
– Requires Conduit Back Box (CA)

BLD Bi-Level Dimming - Motion Sensor Integral

– Microwave / Single Feed / 120/277 Only
– Stand-by Dimming Level Presets:
10% / 20% / 30% / 50%
– Requires Conduit Back Box (CA)

BLDA-E Bi-Level Dimming | Motion Sensor External

– Ambient Light Sensing Feature (AMB)
– Microwave / Single Feed / 120/277 Only
– Stand-by Dim Level Presets:
10% / 20% / 30% (Standard) / 50%
– Requires Conduit Back Box (CA)

CONDUIT ADAPTER BACKBOX OPTIONS

CA2 24" X 1.75" Back Box

CA3 36" X 1.75" Back Box

CA4 48" X 1.75" Back Box

CA4D 48" X 2" Back Box

MISC OPTIONS

FUS Single Fusing

DFUS Double Fusing

PS On/Off Push Switch (120V Only)

EMERGENCY BATTERY OPTIONS

- Emergency Battery Options Meet California Energy Commission Title 20 [CEC-400-2014-009-CMF] Efficiency Standards (Cold Weather is NON-CEC)
- Cold Weather Emergency Batteries Temp Range: -20°C thru 50°C
- Integral Emergency Battery Options
Requires Conduit Adapter (CA Option)

EM8W Integral 8 Watt LED

EM10W Integral 10 Watt LED

EM16W Integral 16 Watt LED

EM10W- Integral 10 Watt LED - Cold Weather CW

REM8W Remote 8 Watt LED

REM10W Remote 10 Watt LED

REM16W Remote 16 Watt LED

REM10W- Remote 10 Watt LED - Cold Weather CW

ACCESSORY OPTIONS

Order As A Separate Line

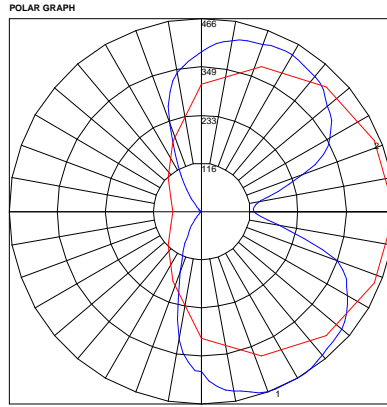
TPD Tamperproof Screwdriver

REMT0009 Remote Controller for Sensor Options

PHOTOMETRIC DATA

Summary of Results YU-24-HM-OPL-LED15-CT4-UNV-WHT-0-10D2					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
1,958.5 Lumens	130.6 Lm/W	15.0W	4000K	Type IV	B0-U4-G1

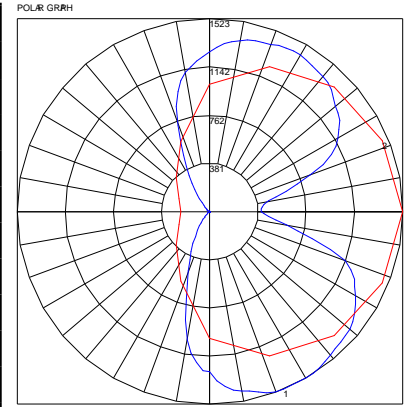
LCS Summary	
Zone	Lumens
Forward Low (0-30)	174.5
Forward Medium (30-60)	405.4
Forward High (60-80)	193.3
Forward Very High (80-90)	44.2
Back Low (0-30)	99.1
Back Medium (30-60)	67.7
Back High (60-80)	8.8
Back Very High (80-90)	1.0
Up Low (90-100)	41.3
Up High (100-180)	923.2



Maximum Candela = 465.534 Located At Horizontal Angle = 360, Vertical Angle = 30
 # 1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (30) (Through Max. Cd.)

Summary of Results YU-48-CM-CPR-LED60-CT5-UNV					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
6,407.3 Lumens	107.7 Lm/W	59.5W	5000K	Type IV	B1-U5-G2

LCS Summary	
Zone	Lumens
Forward Low (0-30)	570.9
Forward Medium (30-60)	1326.4
Forward High (60-80)	632.4
Forward Very High (80-90)	144.5
Back Low (0-30)	324.1
Back Medium (30-60)	221.5
Back High (60-80)	28.7
Back Very High (80-90)	3.2
Up Low (90-100)	135.1
Up High (100-180)	3020.5



Maximum Candela = 15231 Located At Horizontal Angle = 0, Vertical Angle = 30
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Thugh Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (30) (Threugh Max. Cd.)