

Astro

DECORATIVE HIGH ABUSE Wall Or Ceiling Mount ADA Compliant

We reserve the right to revise the design or components of any product without notice.

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

SPECIFICATIONS

- BACKPLATE — 14 ga. aluminum die formed with multiple bends for maximum rigidity and unitized with all electrical components.
- BLUETOOTH WIRELESS CONTROLS — TelleLight™(TL) System.
- DRIVER — Universal Volt 120/277v electronic driver with 0-10V dimming is standard.
- EMERGENCY — LED — Integral (EL) or Remote (REL).
- FASTENER — Stainless steel torx tamperproof screws to secure housing to backplate.
- FINISH — All metal parts are phosphate pre-treated and finished in oven baked polyester powder coat.
- HOUSING — 14 ga. heavy aluminum with welded ends for maximum strength and rigidity.
Optional Up/Down Barrier (UDB)—internal, for uplight or downlight only.
- LENS — .156 Prismatic Polycarbonate Lens (CPG) is standard and includes glare control.
- LIGHT ENGINE — Energy Efficient Light Emitting Diode.
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards Suitable For Wet Locations. ADA Compliant Depth. **Made in USA / Buy America Compliant / Buy American Act.**



ORDERING INFO

Series	Mounting	Lens	LED Wattage	CCT	Voltage	Finish	Options
ORDERING GUIDE:							

SERIES

- AS-XL = Astro XL Series (24")
- AS-XL1 = Astro XL1 Series (36")
- AS-XL2 = Astro XL2 Series (48")

MOUNTING

- C = Ceiling Mount
- HR = Horizontal Wall Mount — STANDARD
- VT = Vertical Wall Mount

MOUNTING OPTIONS

- TDM = Tandem for Row Mount²

LENS

- PGC = Prismatic Polycarbonate — STANDARD
— Includes Glare Control
- OPL = Opal Acrylic Lens

LENS OPTIONS

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

LED WATTAGE

Refer to Below Chart for Size/Wattage Compatibility
LED(xx) = LED (xx = Wattage, ex: LED50)

LED COLOR TEMPERATURE (CCT)

- 3K = ±3000K range LED
- 4K = ±4000K range LED
- 5K = ±5000K range LED

VOLTAGE

- 347 = 347 Volts
- UNV = Universal Volt (120-277v) Electronic Driver

FINISH

- BK = Black Finish
- BZ = Bronze Finish
- PNA = Painted Natural Aluminum
- SGR = Silver Gray
- WH = White Finish

PREMIUM UPCHARGE FINISH

- AMW = Anti-Microbial White
- CC = Custom Color (Visit www.ralcolor.com)
— Provide RAL# or Make-to-Match Color Chip

NATATORIUM OPTION

- +NAT = Epoxy Coating for Natatorium
— Includes Conformal Coating of LEDs

PHOTOCELL OPTION

- 9328 = Photocell Button (120/277V)²

CONTROL OPTIONS

MANUAL CONTROL (Wall Switch or Control System)

Note: 0-10V 100%-30% is Standard

- D7A = 0-10VDC LED Dimming Driver (100-10%)
- D7B = 0-10VDC LED Dimming Driver (100-1%)
- BLS = Bi-Level Switching (Includes Two Drivers)²

OR

Sensor Control (Sensor Integral to Fixture)

- OCC = Occupancy Sensing | Motion Sensor Integral²⁰
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets: ON/OFF (0%/100%)
- BLD = Bi-Level Dimming | Motion Sensor Integral²⁰
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets:
10% / 20% / 30% (Standard) / 50%
- BLDA-E = Bi-Level Dimming | Motion Sensor External^{2 20}
— Ambient Light Sensing Feature (AMB)
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets: 10% / 20% / 30% / 50%

BACK BOX OPTIONS

- BB2 = 24" X 1.75" Back Box
- BB3 = 36" X 1.75" Back Box
- BB4 = 48" X 1.75" Back Box
- BB4D = 48" X 2" Back Box

MISC OPTIONS

- FUS = Single Fusing
- SG = 10KA Surge Protection (ANSI spec C62.41.2)

EMERGENCY / BATTERY OPTIONS³

No onsite Emergency Power (AC or DC) is provided
Note²: Integral Batteries require Back Box (BB)

Meets California Energy Commission Title 20:
(CEC-400-2014-009-CMF) Efficiency Standards

- EL8W = Integral LED 8 Watt
- EL16W = Integral LED 16 Watt
- EL20W = Integral LED 20 Watt

- REL8W = Remote LED 8 Watt
- REL16W = Remote LED 16 Watt
- REL20W = Remote LED 20 Watt

Cold Weather Emergency Batteries:

- Operating Temp: -20°C thru 50°C
NON-CEC Compliant
- EL10W-CW = Integral LED 10 Watt (Cold Weather)
- REL10W-CW = Remote LED 10 Watt (Cold Weather)

ACCESSORY OPTIONS (order as a separate line)

- 9002 = Tamperproof Screwdriver
- REMT = Remote Controller for Sensor Options

NOTES:

- ² Backbox (BB) Required.
- ²⁰ Max mounting height of fixture is 18' (18 feet).
- ³ Final selection of the Battery Pack under discretion of Factory.

LED WATTAGE			
Visit www.eclipselightinginc.com for available IES files			
Fixture	Astro XL	Astro XL1	Astro XL2
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 ²

LED WATTAGE/LUMEN DATA CHARTS

LED Watts vs. LED Color Temp — Lumen Output				
CCT	3000K (3K)	3500K (35K)	4000K (4K)	5000K (5K)
15 Watt	1866 Lumens	1897 Lumens	1950 Lumens	2012 Lumens
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 ²	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 Temp Multipliers	
Ambient Temp.	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

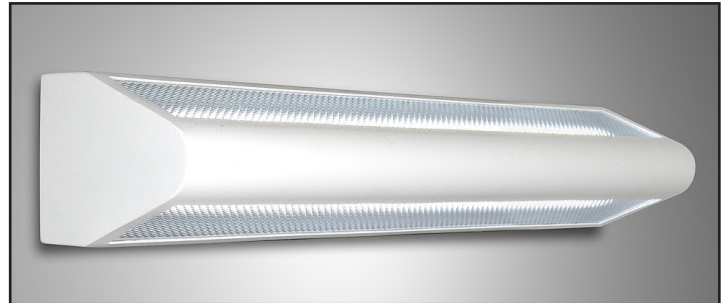
NOTE: Use these multipliers to determine relative lumen output for average ambient temps for 0-40°C (32-104°F).

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

MOUNTING

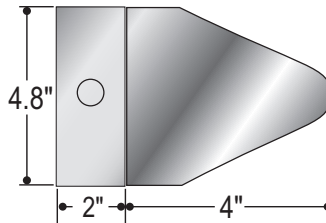


Astro XL2 Ceiling Mount



Astro XL2 Wall Mount

OPTIONS



Astro Side View
Shown with BB option (Non-ADA)

PHOTOMETRIC DATA

Test #: 103842377CHI-001 Catalogue #: AS-XL2-C-CPR-LED60-5K-EBU-BA Test Date: 2/21/2019								
Lamp Output	Lumen Efficacy	Input Voltage	Input Current	Input Wattage	Power Factor	Delta UV (Duv)	Color Temp	CRI
6612.5 Lumens	111.1 LPW	120.0V	499.1mA	59.52W	0.994	0.0006	5259K	84.2

