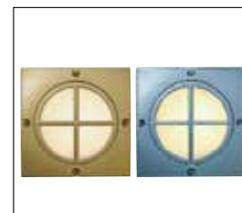


ASL10S – Steplights 10" Square | TYPE

- A complete range of steplights designed for elegance in harsh environments
- Available with energy efficient LED
- Brass fascias, glass lenses and composite housings make these steplights impervious to the elements
- Reflector module is spun, anodized aluminum parabolic reflector with a snap on lamp shield
- Powder coat finish in thirteen standard colors with a polymer primer sealer

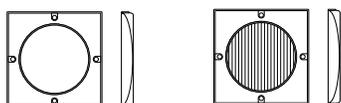


ASL10S

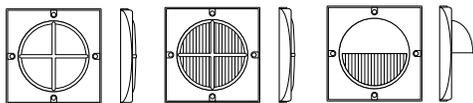
1. LUMINAIRE	2. LAMP/BALLAST	3. COLOR	4. OPTIONS

1. LUMINAIRE

- ASL10-SQ-FR (*Frosted lens*)
- ASL10-SQ-LS (*Linear spread lens*)
- ASL10-SQ-CROSS-FR (*Cross with frosted lens*)
- ASL10-SQ-CROSS-LS (*Cross with linear spread lens*)
- ASL10-SQ-EYE (*Eyelid*)



ASL10-SQ-FR Frosted lens
ASL10-SQ-LS Linear spread lens



ASL10-SQ-CROSS-FR Frosted lens
ASL10-SQ-CROSS-LS Linear spread lens
ASL10-SQ-EYE Eyelid

FASCIA DESIGNS



Frosted Cross Eyelid

3. COLOR

- | | |
|-----------------------------|-----------------------------------|
| WH <i>Arctic White</i> | VBU <i>Verde Blue</i> |
| BL <i>Black</i> | CRT <i>Corten</i> |
| BLT <i>Matte Black</i> | MAL <i>Matte Aluminum</i> |
| DB <i>Dark Bronze</i> | MG <i>Medium Grey</i> |
| DGN <i>Dark Green</i> | AGN <i>Antique Green</i> |
| TT <i>Titanium</i> | LG <i>Light Grey</i> |
| WDB <i>Weathered Bronze</i> | RAL <i>Premium Color</i> |
| MDB <i>Bronze Metallic</i> | CUSTOM * * <i>Contact Factory</i> |

BRASS *Cast brass fascia (for recessed mount only)*

4. OPTIONS

- FS1 (*Single Fuse Holder*)
- FS2 (*Double Fuse Holder*)
- 347 (*120/227/347 volt ballast. Available for the 70MH, 100MH, 70 HPS and 100HPS only*)
- GLow (*Cast acrylic ring with a frosted finish. Adds a soft backlit glow around the perimeter of the fascia. Increases the projection of the fascia by .50"(13mm). For standard flush mount. Recessed back box only*)
- BSA (*Housing ahead option back box with strap only for standard flush mounting*)

SPECIFICATIONS

HOUSING

The housing shall be one piece, molded from fiberglass impregnated, U.L. listed, sheet molding compound. The housing shall have threaded brass inserts molded into the housing to attach the cover assembly. The housing shall include a removable aluminum mounting strap to secure the housing to the structure. The semi recessed and surface mounted fixtures (round style only) shall have an extruded aluminum outer shell, and include a cast aluminum back plate.

All internal and external hardware shall be stainless steel. The cover assembly shall consist of a die cast aluminum (or brass) frame and inner ring assembly. The cover assembly shall fully seal the housing with a molded silicone gasket. The inner fascia ring shall be rotatable to insure horizontal alignment independent of the housing. Four captive stainless steel fasteners are loosened to access the lamp and ballast assembly. The lens shall be tempered glass, frosted or with a molded linear refractor pattern. The outer sleeve for the surface (SURF), and semi recessed (SEMI) model option is extruded aluminum with a cast aluminum back plate. The standard housing is attached to the sleeve with four stainless steel screws. The assembly is then secured to the back plate with four stainless steel set screws.

For non-IC rated fixtures, fixtures must be 3" away from insulation in open walls.

OPTICAL ASSEMBLY

The ASL10 reflector module shall be composed of faceted, semi specular anodized aluminum panels rigidly attached to an aluminum tray. The reflector shall have an integral lamp shield. The reflector module shall fasten to the housing and have a five degree rotational compensation adjustment to align the lamp.

See next page

2. LAMP/BALLAST

LED (9LED array (15 watts). Warm white (3500K), Bright white (5100K). 120 thru 277 volt)

9LED-WW 9LED-BW

COMPACT FLUORESCENT (120 thru 277 volt.)
CF (For 26 and 32 watt 4-pin compact fluorescent lamp)

METAL HALIDE

Medium base, ED-17 lamp
50MH (120/208/240/277 volt)
70MH (120/208/240/277 volt)
100MH (120/208/240/277 volt)

G12 base, T-6 ceramic lamp
70MHT6 (120/277 volt)

HIGH PRESSURE SODIUM

Medium base, ED-17 lamp
50HPS (120/277 volt) 70HPS (120/208/240/277 volt)
100HPS (120/208/240/277 volt)

All ballasts are factory wired for 277 volts, unless specified. Lamps not included (except LED)

MOUNTING

LAMP/BALLAST	RECESSED	SEMI	SURF	RBX	GLow
CF max.	26 W	*	*	*	26 W
MH max.	70 W	*	*	*	70 W
HPS max.	70 W	*	*	*	70 W
LED	15 W	*	*	*	15 W

* Mounting option is not available.
Note: The above chart reflects wattage limitations when installed in concrete.

JOB _____
TYPE _____
NOTES _____



ARCHITECTURAL AREA LIGHTING
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ASL10S – Steplights 10" Square | TYPE

ELECTRICAL

The ballast shall be mounted on a prewired tray with a quick disconnect plug and removed by pulling out of the housing. The HID ballasts are high power factor, rated for -30°C starting. Sockets are medium base, pulse rated porcelain. The compact fluorescent model shall have a GX24q-3 socket for a 26 and 32 watt 4 pin lamp, and an electronic ballast, -5°F starting. Ballasts are multi-tap, wired at the factory for 277 volts. The ASL10 shall use a 9LED module (15 watt) for 120 thru 277 volt input.

FINISH

The cast aluminum fascia finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC powder coat finish. The finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance. Cast brass face plates shall be supplied in a natural, unfinished state to develop a patina.

CERTIFICATION

The fixture is listed with ETL for outdoor, wet location use, UL1598 and Canadian CSA Std. C22.2 no250.

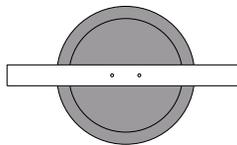
WARRANTY / TERMS AND CONDITIONS OF SALE

Download:

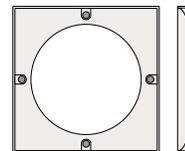
<http://www.hubbelling.com/resources/warranty/>

AAL reserves the right to change product specifications without notice.

DIMENSIONS

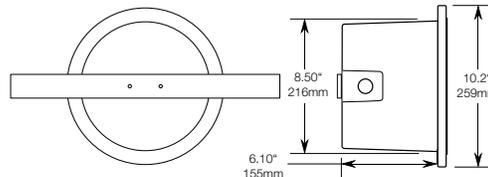


BACK BOX STRAP:
1.50"/38mm x 13"/330mm
2 conduit holes on opposite sides .92"/23mm diameter

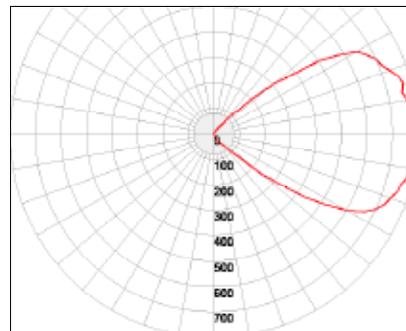


ASL10-SQ
DIMENSIONS:
10.5"/267mm square

PROJECTION FROM WALL:
Plain and cross: 1.31"/33mm
Eyelid: 2.75"/70mm



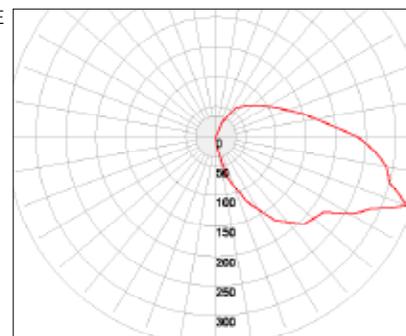
ASL10S LS LED WATTAGE: 12.7 LUMEN OUTPUT: 65 EFFICACY: 5.1



UPLIGHT 49.8%
DOWNLIGHT 50.2%

ASL10S FR 50MH WATTAGE: 95 LUMEN OUTPUT: 644 EFFICACY: 35.8

ZONE	LUMENS	%LAMP	%LUMINAIRE
0 - 30	23	0.7%	3.6%
0 - 40	55	1.6%	8.6%
0 - 60	172	5.1%	26.7%
60 - 90	278	8.2%	43.1%
0 - 90	450	13.2%	69.8%
90 - 180	195	5.7%	30.2%
0 - 180	644	18.9%	100%



UPLIGHT 30.2%
DOWNLIGHT 69.8%

IES files can be found at www.aal.net