

Updated 11/2010



DESIGNER
SSL SERIES
FEATURING
MICROEMITTER™
TECHNOLOGY

LifeShield™
Protection System

- Part of AAL's Designer SSL Series
- Featuring highly efficient, exclusive MicroEmitter™ reflector technology
 - 60 LED array (73 total input watts)
 - Two standard color temperatures: 3500K or 5100K
 - IES Type 2, 3, 4 or 5 distribution patterns
- DLC approved (Types 3 and 5, 5100K)
- The first post top luminaire with precise LED aiming capabilities
- Field replaceable LED EmitterDeck™ upgrade kits for existing SLVT-H (HID or CFL) models available
- Features exclusive LifeShield™ Protection System for extreme weather conditions (-30°C to 60°C)
- 0 - 10v dimming capabilities
- Surge protection included
- IP66 rated
- Powder coat finish in 13 standard colors with a polymer primer sealer



Nighttime rendering with SLVT-T2



Architectural Area Lighting

16555 East Gale Ave. | City of Industry | CA 91745
P 626.968.5666 | F 626.369.2695 | aal.net
Copyright © 2010 Rev. 11/2010

PATENTS PENDING



1. Luminaire/LED Configuration

2. Color

3. Mounting

SLVT-T3-60LED-BW

MDG


Std. Mount

1. LUMINAIRE/LED CONFIGURATION

- SLVT-T2-60LED-WW IES Type 2 distribution. 60 light emitting diode array (73 total luminaire input watts). Class 1, 120 thru 277 volt. Warm white (3500K).

- SLVT-T2-60LED-BW IES Type 2 distribution. 60 light emitting diode array (73 total luminaire input watts). Class 1, 120 thru 277 volt. Bright white (5100K).


- SLVT-T3-60LED-WW IES Type 3 distribution. 60 light emitting diode array (73 total luminaire input watts). Class 1, 120 thru 277 volt. Warm white (3500K).

- SLVT-T3-60LED-BW IES Type 3 distribution. 60 light emitting diode array (73 total luminaire input watts). Class 1, 120 thru 277 volt. Bright white (5100K). 

- SLVT-T4-60LED-WW IES Type 4 distribution. 60 light emitting diode array (73 total luminaire input watts). Class 1, 120 thru 277 volt. Warm white (3500K).

- SLVT-T4-60LED-BW IES Type 4 distribution. 60 light emitting diode array (73 total luminaire input watts). Class 1, 120 thru 277 volt. Bright white (5100K).

- SLVT-T5-60LED-WW IES Type 5 distribution. 60 light emitting diode array (73 total luminaire input watts). Class 1, 120 thru 277 volt. Warm white (3500K).

- SLVT-T5-60LED-BW IES Type 5 distribution. 60 light emitting diode array (73 total luminaire input watts). Class 1, 120 thru 277 volt. Bright white (5100K). 

350mA drive current.

LED EMITTERDECK™ UPGRADE KITS FOR SLVT-H MODELS

A field replaceable upgrade kit is available for existing SLVT-H (HID/CFL) reflector installations. The kit comes complete with driver and 20 LED MicroEmitters™ (60 diodes/73 watts). Please contact your AAL Sales Representative for details.

- RK3501 Type 2, 60 diodes (73 watts). Class 1, 120 thru 277 volt. Warm white (3500K).

- RK3502 Type 3, 60 diodes (73 watts). Class 1, 120 thru 277 volt. Warm white (3500K).

- RK3503 Type 4, 60 diodes (73 watts). Class 1, 120 thru 277 volt. Warm white (3500K).

- RK3504 Type 5, 60 diodes (73 watts). Class 1, 120 thru 277 volt. Warm white (3500K).

- RK5101 Type 2, 60 diodes (73 watts). Class 1, 120 thru 277 volt. Bright white (5100K).

- RK5102 Type 3, 60 diodes (73 watts). Class 1, 120 thru 277 volt. Bright white (5100K).

- RK5103 Type 4, 60 diodes (73 watts). Class 1, 120 thru 277 volt. Bright white (5100K).

- RK5104 Type 5, 60 diodes (73 watts). Class 1, 120 thru 277 volt. Bright white (5100K).

SOLD TO

PO #

JOB NAME

Approvals

Architectural Area Lighting

16555 East Gale Ave. | City of Industry | CA 91745
 P 626.968.5666 | F 626.369.2695 | aal.net
 Copyright © 2010 Rev. 11/2010

1. Luminaire/LED Configuration

2. Color

3. Mounting

SLVT-T3-60LED-BW

MDG

Std. Mount

2. COLOR

<input type="checkbox"/> AWT	Arctic White	<input type="checkbox"/> MDG	Medium Grey
<input type="checkbox"/> BLK	Black	<input type="checkbox"/> ATG	Antique Green
<input type="checkbox"/> MTB	Matte Black	<input type="checkbox"/> LGY	Light Grey
<input type="checkbox"/> DGN	Dark Green	<input type="checkbox"/> SPP	Salt and Pepper (premium)
<input type="checkbox"/> DBZ	Dark Bronze	<input type="checkbox"/> SFM	Seafoam (premium)
<input type="checkbox"/> WRZ	Weathered Bronze	<input type="checkbox"/> WCP	Weathered Copper (premium)
<input type="checkbox"/> BRM	Metallic Bronze	<input type="checkbox"/> SHK	Shamrock (premium)
<input type="checkbox"/> VBL	Verde Blue	<input type="checkbox"/> RAL COLOR	Provide a RAL 4 digit color number
<input type="checkbox"/> CRT	Corten	<input type="checkbox"/> CUSTOM COLOR	Please provide a color chip for matching
<input type="checkbox"/> MAL	Matte Aluminum		

3. MOUNTING

Post top mount is standard (leave blank).

Pole Mount

<input type="checkbox"/> TRA5U	Single arm, slips over 4"/100mm pole. 9lbs. EPA: .62
<input type="checkbox"/> TRA6U	Single arm, bolts to pole. 9 lbs. EPA: .62
<input type="checkbox"/> SLA1	Single arm, slips over 4"/100mm pole. 12 lbs. EPA: 1.09
<input type="checkbox"/> SLA1-2	Twin arm, slips over 4"/100 mm pole. 16 lbs. EPA: 1.47
<input type="checkbox"/> SLA8-U	Single arm, bolts to pole. 5 lbs. EPA: .40
<input type="checkbox"/> SLA22-U	Single arm, bolts to pole. 4 lbs. EPA: .34



SLA1 shown

Wall Mount

<input type="checkbox"/> WMA35U	Wall mount arm. 12 lbs. EPA: .70
<input type="checkbox"/> WMA36U	Wall mount arm. 12 lbs. EPA: .70
<input type="checkbox"/> WMA7	Wall mount arm. 7 lbs. EPA: .62
<input type="checkbox"/> WMA9D	Wall mount arm. 6 lbs. EPA: .47
<input type="checkbox"/> WMA9U	Wall mount arm. 8 lbs. EPA: .55
<input type="checkbox"/> WMA22U	Wall mount arm. 5 lbs. EPA: .52



WMA22U shown

SOLD TO

PO #

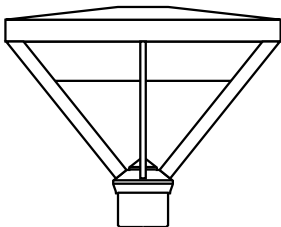
JOB NAME

Approvals

Architectural Area Lighting

16555 East Gale Ave. | City of Industry | CA 91745
 P 626.968.5666 | F 626.369.2695 | aal.net
 Copyright © 2010 Rev. 11/2010

Specifications



25.5" wide x 20" high
Weight: 28 lbs EPA: 2.15

HOUSING

The fixture fitter shall be one-piece cast aluminum. The upper housing shall be spun aluminum. The top shall be removable to access the driver and MicroEmitter assembly. The top shall be secured with four captive, slotted screws. All hardware shall be stainless steel.

UPGRADE KITS

Field replaceable upgrade kits available for SLVT-H reflector models. An entire EmitterDeck™ mounting assembly, including driver and 20 LED MicroEmitters (60 diodes/73 watts), is provided.

ELECTRICAL

120 thru 277 volt. All electrical components are mounted directly to the driver tray for maximum heat dissipation. Class 1 electrical classification. 0 - 10v dimming capabilities. LifeShield™ Protection System included for extreme temperature locations (-30°C to 60°C). 120/277 volt Universal with 9mA maximum input current and 1mA maximum drive current. Input power 0.5 watt for 120 volt and 1.25 watt for 277 volt. The onboard surge protector shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave. The surge protector shall have a clamping voltage of 320V and surge rating of 372J. The case shall be a high-temperature, flame resistant plastic. LED constant current driver operates at 350mA.

MICROEMITTER™ REFLECTOR

The precision injection molded, highly specular reflectors are positioned to achieve directional control toward desired task. Secondary reflectors with a concave specular medium hammertone finish are used to redirect light downward. The entire assembly fastens to the housing as a one-piece module and features wiring quick-connects for easy installation. Standard color temperatures for Nichia LEDs, NS6L183 and NS6W183, are 3500K and 5100K. Rated luminous efficacy is ≥ 40 lm/W, with rated light output of ≥ 2864 for 5100K LED, standard mount. MicroEmitters are field replaceable.

MOUNTING

Fixture slips over a 4"/100mm or into 5"/127mm O.D. pole. Maximum .188" thick pole wall for post top mounting.

FINISH

The finish consists of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester 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.

CERTIFICATION

Fixture shall be listed with ETL for outdoor, wet location use. Conforms to the UL1598 and Canadian CSA C22.2 no.250 standard. IP66.

WARRANTY **5** YEAR WARRANTY

Largent LED, including housing, LEDs and electrical components, is warranted for five years. Any unauthorized return, repair, replacement or modification of the Product(s) shall void this warranty. This warranty applies only to the use of the Product(s) as intended by AAL and does not cover poles, arms, mounting or any misapplication or misuse of said Product(s), or installation in hazardous or corrosive environments. Contact AAL for complete warranty language, exceptions, and limitations.

AAL reserves the right to change product specifications without notice.