

Lighting Plan



tillotson design associates

	A ACTION	APPROVED
X	B ACTION	APPROVED AS NOTED
	C ACTION	REJECTED
	D ACTION	RESUBMIT with additional requested items or information
BY  DATE 7/30/2015 This review is only for conformance design intent. Contractor is responsible for dimensions to be confirmed or coordinated at the job site and for conformance to local and national codes. tillotson design associates		

TYPE: TA

1. Electrical Engineer to verify voltage.
2. Stem length to be confirmed by Landscape Architect. Total fixture height not to exceed 2" above ground cover.
3. Contractor to coordinate stake mounting requirements and mounting accessories as per manufacturer's recommendations.
4. Contractor to coordinate concrete footing requirements with manufacturer's recommendations.
5. Architect to verify fixture finish.
6. Focusing required.

Approved as Noted

Fabrication may proceed as per notations. If Contractor cannot comply with notations, resubmit item. Approval does not authorize changes in contract or contract sum.

Submitted by Envision Lighting Systems


Job Name:
ATLANTIC HOTEL
Catalog Number:ASLED302412VL3BRSFOSH6C3/
PM6012VDBRS18S6

Notes:

Type:**TA**

ELS15-49810

WINSCAPE™

Project: _____

Qty: _____

Type: _____

Aspen LED • 12V LED-16

flood & accent



QUICK FIND #: QF-3

Construction: Body, cap and knuckle machined from 6061-T6 ALUMINUM. Lens cut from heat strengthened borosilicate glass for superior clarity and strength.
LED Unit:

3022-3027: Winscape proprietary replaceable LED unit using three (3) High Output LEDs and an integral low voltage (11V-14V) AC/DC LED driver and a field replaceable optic. Available in three (3) beam spreads: 10° Spot, 25° Narrow Flood, and 40° Flood. Available as STANDARD in "ANSI BIN" 3000K and 5000K color temperatures. Also available in "ANSI BIN" 2700K, 3500K, & 4000K by Special Order. Units have near constant light output when supplied with 11VAC - 14VAC to combat voltage drop. Dimmable using standard LOW VOLTAGE MAGNETIC dimming switch / systems.

Input Voltage (VAC)*	Total Current (Amps)	Wattage
8.0	0.165	1.32
9.0	0.358	3.23
10.0	0.448	4.48
11.0	0.463	5.10
12.0	0.471	5.65
12.5	0.476	5.95
13.0	0.487	6.34
14.0	0.499	6.99

* Contact factory for Current and Wattage rating for VDC.

Finishes: Available in 12 standard TGIC polyester powder coat finishes. Custom powder coat finishes available (contact factory for more information).

Features: Field replaceable lens. Tapered "Sure Lock" knuckle seat for infinite aiming and unparalleled locking ability. Any combination of up to 3 lens accessories/color filter/shielding can be specified in any cap style and are held securely by a removable stainless steel clip ring.

General: This fixture requires a low voltage MAGNETIC transformer to function properly. Magnetic transformer must be purchased separately (see Accessories section on our website). Mounting must be specified separately (see Accessories section on our website). Available with 350° rotational knuckle.
MOUNTING OPTIONS:

NOTE: See Accessories on our website for mounting options.


 ETL Listed:
Wet Location - Indoor/Outdoor
Conforms to UL Standard 1598

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solutions in light
Quality Brands

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Revised: 1-15-13

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1. ASLED

SERIES

ASLED = ASPEN LED

2. LIGHT SOURCE

Warm White, 3000K (ANSI BIN)**

3022 = 6W/10° SP/3K WW LED16

3023 = 6W/25° NFL/3K WW LED16

3024 = 6W/40° FL/3K WW LED16

Cool White, 5000K (ANSI BIN)**

3025 = 6W/10° SP/5K CW LED16

3026 = 6W/25° NFL/5K CW LED16

3027 = 6W/40° FL/5K CW LED16

** See page 2 for complete luminaire performance data.

3. 12V

VOLTAGE

12V = 12 VOLT

4. ACCESSORY LENS

L0 = NONE

L2 = LINEAR

L4 = WATERSHED™

L1 = PRISMATIC

L3 = SOFTENING

5. FINISH

BKS = BLACK SMOOTH

BKT = BLACK TEXTURED

BRS = BRONZE SMOOTH

BRT = BRONZE TEXTURED

WHS = WHITE SMOOTH

WHT = WHITE TEXTURED

SLS = SILVER SMOOTH

IVS = IVORY SMOOTH

CHS = CHROME SMOOTH

NBS = NATURAL BRONZE SMOOTH

VET = VERDE TEXTURED

SAT = SAND TEXTURED

CPF = CUSTOM FINISH

6. COLOR FILTER

F0 = NONE

FM = MERCURY VAPOR

FR = RED

FRD = RED DICHROIC

FP = PINK

FA = AMBER

FG = GREEN

FGD = GREEN DICHROIC

FLB = LIGHT BLUE

FMB = MEDIUM BLUE

FMBD = MEDIUM BLUE DICHROIC

7. SHIELDING

SH0 = NONE

SH6 = HONEYCOMB LOUVER

8. CAP STYLE

C1 = SHORT FLUSH

C2 = LENS RECESSED

C3 = 45° CUTOFF

C4 = LONG FLUSH

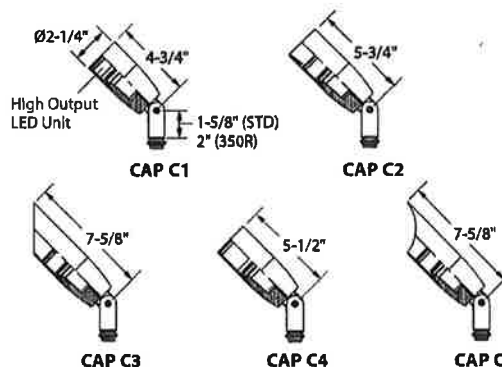
C5 = 45° SCALLOPED

9. SPECIAL

SPECIAL

**Modification
Descriptions:
(if needed)**

Note: Winona Lighting reserves the right to make design revisions without prior notice.



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ELS15-49610

WINSCAPE™

Project: _____

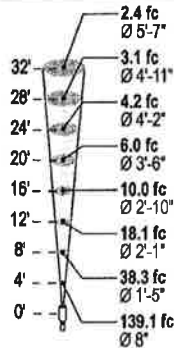
Qty: _____

Type: _____

Aspen LED • Additional Technical Information

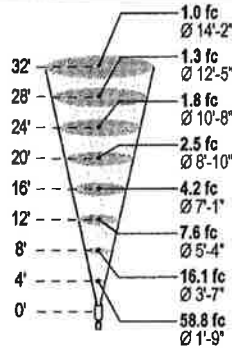
flood & accent

PHOTOMETRY • LED-16



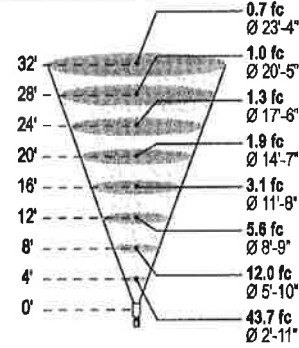
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6W/10°SP/3K WW LED16



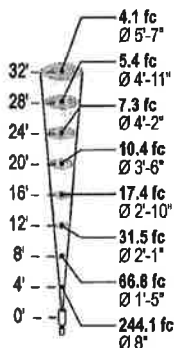
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6W/25°NFL/3K WW LED16



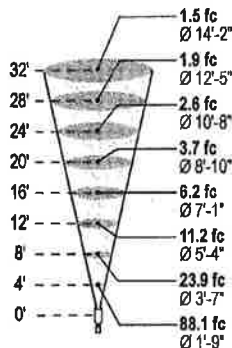
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6W/40°FL/3K WW LED16



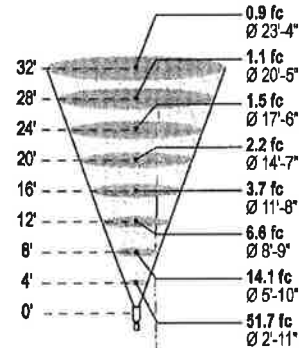
#3025

6W/10°SP/5K CW LED16



#3026

6W/25°NFL/5K CW LED16



#3027

6W/40°FL/5K CW LED16

Luminaire Performance Data

Lamp Code	Description	Volts* (Vac)	Watts* (W)	Beam Spread*	Center Beam Candlepower* (cd)	Rated Life** (Hr)	CCT* (°K)	CRI* (Ra)	Luminous Flux* (LU)	Efficacy* (LU/W)
3022	6W/10°SP/3K WW LED16	12	5.8	10°	2,400	> 60,000	3040	> 83	220	38
3023	6W/25°NFL/3K WW LED16	12	5.8	25°	1,000	> 60,000	3040	> 83	215	37
3024	6W/40°FL/3K WW LED16	12	5.8	40°	750	> 60,000	3040	> 83	210	36
3025	6W/10°SP/5K CW LED16	12	5.8	10°	4,200	> 60,000	5200	> 65	320	55
3026	6W/25°NFL/5K CW LED16	12	5.8	25°	1,500	> 60,000	5200	> 65	300	51
3027	6W/40°FL/5K CW LED16	12	5.8	40°	890	> 60,000	5200	> 65	260	44

* All values are nominal, based on IES LM-79-08 & Photometric test data. Values may vary due to manufacturing tolerances, options selected and ambient conditions (temperature, voltage, orientation, etc...) during use.

** Rated Life based on diode manufacturer IES LM-80 test data, TM-21 projection to 70% of Initial Lumens (L70).

All information is subject to change without prior notice.
All dimensions are nominal.

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WINSCAPE™

Project: _____ Qty: _____

Type:

Aspen LED • Additional Technical Information

flood & accent

LIGHTING FACTS**LM-79 & Photometric Test Data**

The below are LM-79 test results using an AspenLED series luminaire; PN: ASLED-Lamp Code-12V-L0-BKS-F0-SH0-C1-STD

Lamp Code	Description	Volts* (Vac)	Watts* (W)	Center Beam Candlepower** (cd)	CCT* (°K)	CRI* (Ra)	Luminous Flux* (LU)	Efficacy* (LU/W)
3022	6W/10°SP/3K WW LED16	11.9	5.2	2,433	3012.3	85.3	213.7	41.10
3022	6W/10°SP/3K WW LED16	14.1	7.2	N/A	3015.0	85.0	246.6	34.25
3023	6W/25°SP/3K WW LED16	12.1	5.7	1,019	3064.4	83.4	215.0	37.85
3024	6W/40°SP/3K WW LED16	12.0	5.7	757	3041.5	84.3	218.8	38.39
3025	6W/10°SP/5K CW LED16	12.0	5.7	4,252	5220.8	67.0	318.5	55.88
3025	6W/10°SP/5K CW LED16	14.1	7.4	N/A	5207.0	67.4	344.8	46.59
3026	6W/25°SP/5K CW LED16	12.0	5.8	1,531	5207.9	67.4	299.5	51.46
3027	6W/40°SP/5K CW LED16	12.1	5.7	896	5194.8	66.8	271.9	47.53

* Information from IES LM-79-08 test results (LTL22353S, LTL22392S, LTL22352S, LTL22351S, LTL22350S, LTL22393S, LTL22349S, LTL22348S).

** Information from Photometric test results (LTL22353, LTL22352, LTL22351, LTL22350, LTL22349, LTL22348).

LIGHTING FACTS - Coming Soon
LM-79-08 tests have been submitted to
Lighting Facts and are awaiting approval.



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PM6012VDBRS18S6

Notes:

Type:

TA

ELS15-49610

WINSCAPE™

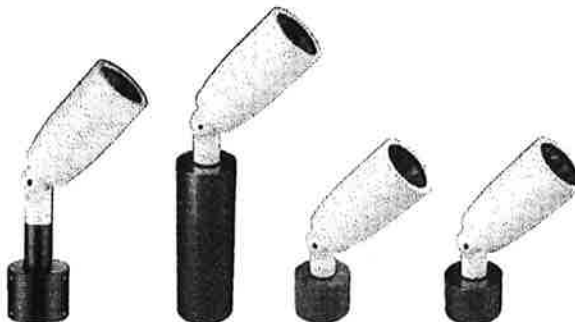
Project: _____

Qty: _____

Type:

Power Mount™ 60

mounting & accessories



STYLE A

STYLE B

STYLE C

STYLE D

The Power Mount™ 60 is a series of ground-mounting options that allow for use of either remote or integral transformers for ground-mounted fixtures. These mountings can be used for 12V, 120V or MH fixtures. Stems are offered in lengths from 3" to 42".

Construction: Cap and Power Mount Housing on style "B" machined from ALUMINUM.

Stake below grade cut from UL approved P.V.C. All hardware is STAINLESS STEEL.

Finishes: Available in 12 standard TGIC polyester powdercoat finishes. Custom powdercoat finishes available (contact factory for more information).

Features:

Style A: Adjustable up and down approximately 8" (with 12" below grade stake) or 14" (with 18" below grade stake), open angle cut bottom (12V only).

* **Style B:** Includes 60VA transformer and two 1/2" conduit adapters in endcap (120V only). Fixed Stem.

Style C: Mount with two 1/2" conduit adapters in endcap. Fixed Stem.

Style D: Mount with open angle cut bottom (12V only). Fixed Stem.

General: Styles "A," "B" and "D" not for use with line voltage or MH fixtures, for line voltage and MH fixtures use style "C". Style "A" requires a stem length to be specified, "S3" and "S6" (3" and 6" stems) are not recommended for use with style "A". All stems are Ø1" and threaded 1/2" NPS. Style "B" not for use with LED fixtures.

1. **PM**
MOUNT

PM = POWER MOUNT™

2. **60**
SERIES

60 = 60 SERIES

3. **VOLTAGE**

12V = 12 VOLT (STYLE A & D ONLY)

120V = 120 VOLT (STYLE B ONLY)

UV = UNIVERSAL VOLTAGE (STYLE C ONLY)

4. **STYLE**

A = ADJUSTABLE MOUNT

B = TRANSFORMER MOUNT W/ 60VA TRANSFORMER *, FIXED STEM

C = MOUNT W/ CONDUIT ENTRY, FIXED STEM

D = MOUNT W/ OPEN BOTTOM, FIXED STEM

* Not for use with LED fixtures.

5. **FINISH**

BKS = BLACK SMOOTH

BKT = BLACK TEXTURED

BRS = BRONZE SMOOTH

BRT = BRONZE TEXTURED

WHS = WHITE SMOOTH

WHT = WHITE TEXTURED

SIS = SILVER SMOOTH

IVS = IVORY SMOOTH

CHS = CHROME SMOOTH

NBS = NATURAL BRONZE SMOOTH

VET = VERDE TEXTURED

SAT = SAND TEXTURED

CPF = CUSTOM FINISH

6. **STAKE LENGTH**

12 = 12" BELOW GRADE

18 = 18" BELOW GRADE

7. **STEM LENGTH**

S0 = NONE

S3 = 3" STEM

S6 = 6" STEM

S12 = 12" STEM

S18 = 18" STEM

S24 = 24" STEM

S30 = 30" STEM

S36 = 36" STEM

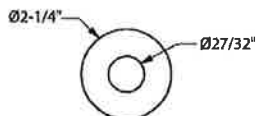
S42 = 42" STEM

8. **SPECIAL**

STD = STANDARD

MOD = MODIFIED

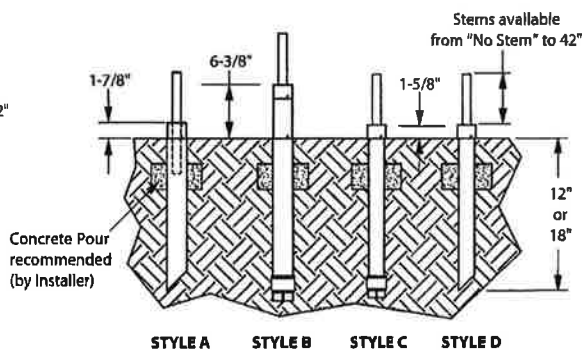
Modification
Descriptions:
(if needed)



STYLE "B"



UL Listed: Wet location
Outdoor



STYLE A

STYLE B

STYLE C

STYLE D