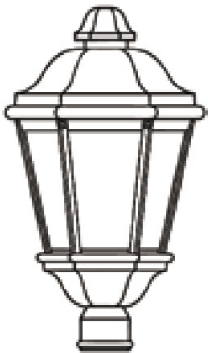


440 SERIES LED DECORATIVE

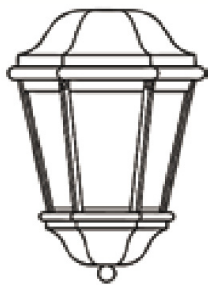


DIMENSIONS



ALN440
 HEIGHT: 31"/790mm
 LENGTH: 18"/460mm
 WIDTH: 18"/460mm
 WEIGHT: 40 lbs.
 EPA: 2.80

ALN440



ALN440D
 HEIGHT: 26"/660mm
 LENGTH: 18"/460mm
 WIDTH: 18"/460mm
 WEIGHT: 35 lbs.
 EPA: 2.59

ALN440D



Made in the U.S.A. of the U.S. and imported parts.
 Meets Buy American requirements for ARRA.

SPECIFICATIONS

HOUSING

Luminaire shall be cast A356 alloy aluminum, free of any porosity or cosmetic fillers. Castings shall be of uniform wall thickness, minimum .188 inch with no warping or mold shifting. The top cap shall hinge open by loosening two captive fasteners. The top shall seal the lamp compartment with a continuous silicone gasket. The lens shall be one-piece clear optical grade acrylic with a one-piece memory retentive silicone gasket on top and bottom. The LED and driver assembly shall be serviceable by backing out three thumb screws to allow for the light engine to be lifted out. Quick disconnects shall be used for all electrical connections. All internal and external hardware shall be stainless steel.

OPTICAL MODULE

The optical assembly shall be completely sealed with a one piece injection molded silicone gasket to prevent dust, insect or moisture contamination. The optical array shall consist of high brightness light emitting diodes mounted to a printed metal circuit board with precision injection molded optically clear lenses discretely coupled to each individual diode. The printed circuit board assembly shall have a uniform conformal coating with the exception of the optical output lens at each diode and be mechanically fastened to an anodized die-cast aluminum heat sink. Standard color temperatures shall be 3000K, 4000K and 5000K.

ELECTRICAL

All luminaires shall accept 120 thru 277 volt input and have integral surge protection. Drivers shall be U.L recognized and have a 0-10v dimming interface with a dimming range of 10-100%. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. (Note: not compatible with current sourcing dimmers). Consult factory for current list of known compatible dimming systems. LifeShield™ shall be provided with all configurations for added protection in extreme temperature environments (-30°C to 60°C). The electrical assembly shall be mounted to a serviceable tray. The surge protector shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave with a clamping voltage of 320V and surge rating of 372J.

CONTROLS

SCP shall have an integral surge protection device with a current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J. Sensor not intended for use with additional photocontrol, wireless control or dimming systems.

SERVICING

The top of the fixture shall hinge open for relamping by loosening two stainless steel fasteners.

MOUNTING

Post top mounting: The fixture shall slip over a 4"/100mm O.D. pole or tenon and be secured to the pole with three (or six) stainless steel set screws. Arm or wall mounting: The fixture shall be attached to the cast arm with three stainless steel bolts and a silicone gasket.

FINISH

Fixture finish shall consist 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 2604-02 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.

CERTIFICATION

Fixtures shall be listed with ETL for outdoor, wet location use, conforming to the UL 1598 and Canadian CSA 22.2 no. 250 standard. IP54.

Project Name: _____

Date: _____

Location: _____

Notes: _____

440 SERIES LED DECORATIVE

ORDERING INFORMATION SELECT APPROPRIATE CHOICE FROM EACH COLUMN TO FORMULATE ORDER CODE.

Refer to example below.

SERIES	DISTRIBUTION	COLOR TEMPERATURE	DRIVER	COLOR	OPTIONS	CONTROL	MOUNTING
440 Arm or Post Top Mount 440D - Top Mounted Arm or Pendant Mount	Y2 Type 2 Y3 Type 3 Y4 Type 4 Y5 Type 5	3K Warm White, 3000K 4K Neutral White, 4000K 5K Bright White, 5000K	700 700mA drive current, 75 watts	WH Arctic White BL Black BLT Matte Black DB Dark Bronze DGN Dark Green TT Titanium WDB Weathered Bronze MDB Bronze Metallic VB Verde Blue CRT Corten MAL Matte Aluminum MG Medium Grey AGN Antique Green LG Light Grey RAL Premium Color CC Custom Color	CHM (Glass chimney with polished brass holder) CND (3-lamp candelabra with polished brass holder, lamps included. For decorative use only.) LDL (Lightly diffused lens) SBL (Sandblast diffused lens) HSS-L (House side shield, consists of three field installed panels attached to the inside of the lens. Installing three panels blocks 180° of the lens) MAT (Mast arm adapter slips over a 2 3/8" / 60mm O.D. pipe and is secured with 4 stainless steel set screws. For ALN440D only.) PMS (Pendant mount with 48" / 1220mm stem and canopy with swivel. For ALN440D only.) PMC (Pendant kit includes canopy and 48" / 1220mm of brass chain painted the fixture color. For ALN440D only.) PTS (Post top adaptor for a 5"/127mm O.D. pole)	PCA-C Rotatable Photocell - Contemporary PCA-T Rotatable Photocell - Traditional SCP Sensor Control Programmable pole accessories available to provide occupancy detection for outdoor applications meeting California Title 24. NC No Control	WM Wall Mount PTM Post Top Mount PSM Pole Side Mount PTMA Pole Top Mount Arm PM Pier Mount

ORDER:

WLS-440

Example: WLS-440D-Y3-3K-700-WH-CND-PCA-C-WM

PERFORMANCE DATA (32 LEADS, 700 MA DRIVE CURRENT, 75 WATTS)

TYPE	LENS	5K					4K					3K				
		LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G
Y2	CLEAR	5427	72	2	3	3	5156	69	2	2	3	4016	54	1	3	2
Y3		5237	70	2	3	2	4975	66	2	3	2	3875	52	1	3	2
Y4		5736	76	1	3	3	5449	73	1	3	3	4245	57	1	3	2
Y5		5183	69	3	3	3	4945	66	3	3	2	3809	51	2	3	2
Y2	LDL	5160	69	2	4	3	4902	65	2	4	3	3818	51	1	3	3
Y3		4964	66	1	4	3	4716	63	1	4	3	3674	49	1	3	3
Y4		5449	73	1	4	3	5176	69	1	4	3	4032	54	1	34	3
Y5		4901	65	2	4	3	4685	62	2	4	3	3610	48	2	3	3
Y2	SBL	4729	63	2	4	3	4492	60	1	4	3	3499	47	1	4	3
Y3		4554	61	1	4	3	4327	58	1	4	3	3370	45	1	4	2
Y4		5004	67	1	4	3	4754	63	1	4	3	3703	49	1	4	3
Y5		4499	60	2	4	3	4292	57	2	4	3	3310	44	1	4	2

PROJECTED LUMEN MAINTENANCE

AMBIENT TEMP.	0	25,000	50,000	*TM-21-11 60,000	100,000	PROJECTED L70 (HRS)
25°C/77°F	100%	95%	93%	92%	89%	>60,000
40°C/104°F	100%	94%	91%	90%	85%	>60,000



1919 Windsor Place
Fort Worth, TX 76110
800.622.8711

www.wslighting.com

Project Name: _____

Date: _____

Location: _____

Notes: _____

40 REV. 9/17

Specifications subject to change without notice.