

CITY OF NORTH LITTLE ROCK, ARKANSAS
COMMERCE DEPARTMENT
Mary Beth Bowman, Director
Amy Smith, Assistant Director for Procurement
Crystal Willis, Assistant Purchasing Agent/Admin Sect.



120 Main Street, North Little Rock, AR 72114
P.O. Box 5757 North Little Rock, AR 72119
501-975-8881 Phone
501-975-8885 Fax

INVITATION TO BID

Bid Number: 19-3572 Date Issued: January 26, 2019

Date & Time Bid Opening: Tuesday, February 12, 2019 @ 10:30 am

100 Flood Lights for the North Little Rock Electric Department Model #ACPOLEDPK5MVOLTWFL40KYKBZSDP10KVILPER70443NL

Total Bid Price: \$ _____

Specifications attached.

For technical questions and/or comments, contact Greg Woodward at 501-992-4073.

General Bidding questions should be directed to the Commerce Department at 501-975-8881.

If you are obtaining this bid from our website, please be reminded that addendums may occur. It is therefore advisable that you review our listings for attachments including any changes to the bid.

The City of North Little Rock encourages participation of small, minority, and woman own business enterprises in the procurement of goods, services, professional services, and construction, either as a general contractor or sub-contractor. It is further requested that whenever possible, majority contractors who require sub-contractors, seek qualified small, minority, and woman businesses to partner with them.

EXECUTION OF BID

Upon signing this page, the organization certifies that they have read and agree to the requirements set forth in this bid including conditions set forth and pertinent information requests.

Name of Firm: _____ Phone No.: _____

Tax Identification No.: _____

Business Address: _____

Signature of Authorized Person: _____

Title: _____ Date: _____

UNSIGNED BID COVER SHEET WILL BE REJECTED.



NORTH LITTLE ROCK ELECTRIC DEPARTMENT

LED FLOODLIGHT

North Little Rock Electric Department Specifications are attached.

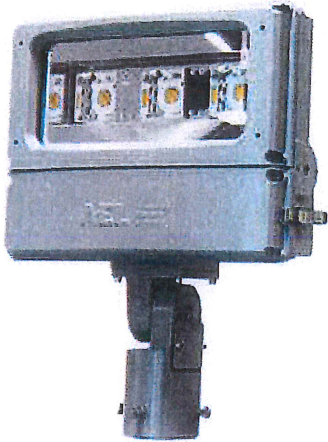
Questions regarding the specifications and/or requirements should be directed to Greg Woodard at 501-992-4073.

- Attached specifications for Street & Security Lighting Material Item
- Model # **ALPOLEDPK5MVOLTWFL40KYKBZSDP10KVILPER70443NL**
- Brand Specific – NO SUBSTITUTIONS



ACPOLED Series American Compact LED Floodlight

PRODUCT OVERVIEW



Features:

Mechanical

Low copper content die cast aluminum housings has integral heat sink fins to optimize thermal management through conductive and convective cooling. Bolted or optional stainless steel latch disengages top electrical cover for easy access to LED driver, surge protection, and terminal block. The yoke mount unit is shipped prewired with specified cord type and cord length to facilitate easy wiring of luminaire. The tenon mount unit is prewired to luminaire wiring chamber.

Luminaire is vibration rated to 3G per ANSI C136.31-2001 and rated IP66 per IEC60068-2-3.

Rigorous five-stage pre-treating and painting process yields a finish that achieves a scribe creepage rating of 8 (per ASTM D1654) after over 5,000 hours exposure to salt fog chamber per ASTM B117.

Yoke shall be painted steel or galvanized steel. Knuckle mount shall be adjustable to fit 2-3/8 inch to 2-7/8 inch tenon.

Electrical

LED light engine is rated minimum 100,000 hours at 25C, L70. Electronic driver has an expected life of 100,000 hours at a 25C ambient.

Robust surge protection: Three different surge protection options provide a minimum IEEE/ANSI C62.41 category C (10kV/5kA) protection. Extreme 20kV/10kA protection is also available.

Driver power factor is 90% minimum. Driver meets maximum total harmonic distortion (THD) of 20% and is ROHS compliant.

Optical

PCB mounted LED technology comprised of multi-cluster LEDs on single metal core board. Segmented Miro internal reflectors are designed for superior field to beam ratios, uniformity, and spacing.

NEMA optical pattern choice of medium flood (4X4), flood (5x5) wide flood (6x6), and wide flood rectangle (6x5). The luminaire is available with 3000K, 4000K, and 5000K with minimum CRI of 70.

Optional shielding available to control light trespass and uplight. Optical enclosure shall be glass lens.

Controls

NEMA photocontrol receptacle 3 pin (P3) or 7 pin (P7) available.

Optional premium solid state locking-style photocontrol – DSS (10 year rated life).

Optional extreme long life solid state locking –style photocontrol – DLL (20 year rated life).

Optional onboard adjustable output module (AO) allows the light output and input wattage to be modified to meet site specific requirements.

Standards

Suitable for ambient temperature -40C to 40C.

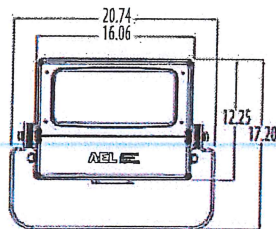
CSA Certified to U.S. and Canadian standards.

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

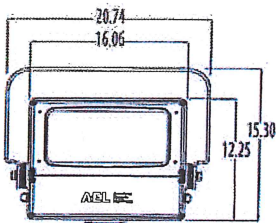
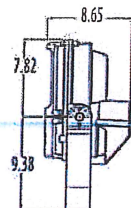
Applications:

Auto dealerships
Schools
Churches
Industrial sites

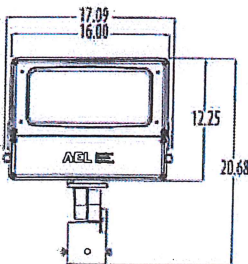
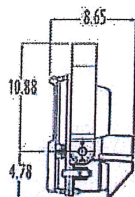
Shopping centers
Parking lots
Substations
Building facades



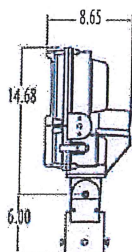
YK-Yoke Mount Luminaire EPA of 1.76 Ft² and max weight 30 lbs.



YKE-Yoke Mount Luminaire EPA of 1.76 Ft² and max weight 31 lbs.



Tenon Mount Luminaire EPA of 1.89 Ft² and max weight 28 lbs.



ACPOLED Series

American Compact LED Floodlight

ORDERING INFORMATION

Example: ACP0LED PK3 MVOLT WFL 40K TM GYSDP 10KVIL PER7 TL

ACPOLED

Series

ACPOLED

PKS

Performance Package

PK1 6,000 Lumen Package
 PK2 10,000 Lumen Package
 PK3 14,000 Lumen Package
 PK4 18,000 Lumen Package
 PK5 22,000 Lumen Package

MVOLT

Voltage

MVOLT Multi-volt (120-277)
 347 347V
 480 480V

WFL

Direct Distribution

MFL Medium Flood (4X4)
 FL Flood (5X5)
 WFL Wide Flood (6X6)
 WFR Wide Flood Rectangle (6X5)

40K

Color Temperature (CCT)

30K 3000K
 40K 4000K
 50K 5000K

YK

Mounting Method

TM Tenon Slipfitter - Knuckle
 YK Yoke Painted Steel
 YKE Yoke Painted Steel Extended Length
 YG Yoke Galvanized Steel

BZSDP

Color

BZSDP Bronze Super Durable Paint Finish
 BKSDP Black Super Durable Paint Finish
 GYSDP Gray Super Durable Paint Finish
 WHSDP White Super Durable Paint Finish
 GHSDP Graphite Super Durable Paint Finish

10KVIL

Surge protection

10KVIL 10kV/5kA Fail off w/Indicator Light
 10KVMP 10kV/5kA MOV (fail on)
 20KV 20kV/10kA Extreme Surge (fail off)

PER7

Options/Controls

PER7 P7 Rotating PC Receptacle¹
 PER3 P3 Receptacle¹
 NR No Photocontrol Receptacle⁴
 DM 0-10V Dimming Control (controls provided by others)²
 DSS Solid State Photocontrol¹
 DLL Solid State Long Life Photocontrol¹
 SH Shorting Cap¹
 AO Field Adjustable Output³
 DALI DALI driver- consult factory
 PNMT Part night dimming - consult factory

06

Cord Length^{5,6}

04 4 ft. cord length
 05 5 ft. cord length
 06 6 ft. cord length
 08 8 ft. cord length
 10 10 ft. cord length
 12 12 ft. cord length
 15 15 ft. cord length
 20 20 ft. cord length
 25 25 ft. cord length

43

Cord Type

63 16 gage, 3 conductor cord
 43 14 gage, 3 conductor cord
 23 12 gage, 3 conductor cord
 65 16 gage, 5 conductor cord¹¹

NL

Miscellaneous

TL Tool Less Entry
 NL NEMA Lable

Accessories (Shipped Separately)

ACPOLEDV-BZSDP Full Visor Bronze⁷
 ACP0LEDV-BKSDP Full Visor Black⁷
 ACP0LEDV-GYSDP Full Visor Grey⁷
 ACP0LEDV-WHSDP Full Visor White⁷
 ACP0LEDV-GHSDP Full Visor Graphite⁷
 ACP0LEDUBV-BZSDP Upper/Bottom visor (universal) Bronze⁸
 ACP0LEDUBV-BKSDP Upper/Bottom visor (universal) Black⁸
 ACP0LEDUBV-GYSDP Upper/Bottom visor (universal) Grey⁸
 ACP0LEDUBV-WHSDP Upper/Bottom visor (universal) White⁸
 ACP0LEDUBV-GHSDP Upper/Bottom visor (universal) Graphite⁸
 ACP0LEDVG Vandal Guard⁹
 ACP0LEDWG Wire Guard¹⁰

1. Not available with NR
2. Not available with AO
3. Not available with DM
4. Not available with DM, PER7, PER3, SH, DSS, DLL
5. Requires cord length and cord type
6. Not available with TM mounting
7. Not compatible with WG, VG, UBV
8. Not compatible with WG, VG, FV
9. Not compatible with WG, FV, UBV
10. Not compatible with VG, FV, UBV
11. Used with YK, YKE, YG and DM only



AEL Headquarters, 3825 Columbus Road, Granville, OH 43023
 www.americanelectricalighting.com

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Warranty Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx
 Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Please contact your sales representative for the latest product information.

ACPOLED Series

American Compact LED Floodlight

PERFORMANCE PACKAGES

ACPOLED	Distribution	Lumens 4000K	Input Watts	LPW	Input Operating Amps					
					120V	208V	240V	277V	347V	480V
PK1					0.41	0.24	0.21	0.18	0.15	0.11
	MFL	5,877	49	120						
	FL	6,085	49	124						
	WFL	6,274	49	128						
	WFR	6,177	49	126						
PK2					0.66	0.39	0.34	0.29	0.22	0.17
	MFL	9,506	79	120						
	FL	9,844	79	125						
	WFL	10,150	79	128						
	WFR	9,993	79	126						
PK3					0.99	0.58	0.51	0.45	0.37	0.28
	MFL	13,654	119	115						
	FL	14,139	119	119						
	WFL	14,579	119	123						
	WFR	14,353	119	121						
PK4					1.25	0.72	0.63	0.55	0.45	0.34
	MFL	17,284	150	115						
	FL	17,898	150	119						
	WFL	18,454	150	123						
	WFR	18,169	150	121						
PK5					1.66	0.96	0.83	0.72	0.58	0.43
	MFL	21,605	199	109						
	FL	22,372	199	112						
	WFL	23,067	199	116						
	WFR	22,711	199	114						

LLD					
	PK1	PK2	PK3	PK4	PK5
25,000 hours	0.98	0.98	0.98	0.98	0.96
50,000 hours	0.96	0.96	0.96	0.96	0.92
100,000 hours	0.92	0.92	0.92	0.92	0.85

AO Module		
AO setting	Lumens %	Wattage %
8	100%	100%
7	100%	100%
6	100%	100%
5	90%	87%
4	79%	75%
3	68%	61%
2	55%	49%
1	42%	37%

LAT				
0C	15C	25C	35C	40C
1.06	1.02	1.00	0.98	0.96



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GENERAL TERMS AND CONDITIONS FOR THE CITY OF NORTH LITTLE ROCK, AR

1. When submitting an "Invitation to Bid," the bidder warrants that the commodities covered by the bid shall be free from defects in material and workmanship under normal use and service. In addition, bidder must deliver new commodities of the latest design and model, unless otherwise specified in the "Invitation to Bid."
2. Prices quoted are to be net process, and when an error is made in extending total prices, the City may accept the bid for the lesser amount whether reflected by extension or by the correct multiple of the unit price.
3. Discounts offered will be taken when the City qualifies for such. The beginning date for computing discounts will be the date of invoice or the date of delivery and acceptance, whichever is later.
4. When bidding other than the brand and/or model specified in the "Invitation to Bid," the brand and/or model number must be stated by that item in the "Invitation to Bid," and descriptive literature be submitted with the bid.
5. The City reserves the right to reject any and all bids.
6. The Purchasing office reserves the right to award items, all or none, or by line item(s).
7. Quality, time and probability of performance may be factors in making an award.
8. Bid quotes submitted will remain firm for 30 calendar days from bid opening date; however, the prices may remain firm for a longer period of time if mutually agreeable between bidder and the Department of Commerce.
9. Bidder must submit a completed signed copy of the front page of the "Invitation to Bid" and must submit any other information required in the "Invitation to Bid."
10. In the event a contract is entered into pursuant to the "Invitation to Bid," the bidder shall not discriminate against any qualified employee or qualified applicant for employment because of race, sex, color, creed, national origin or ancestry. The bidder must include in any and all subcontracts a provision similar to the above.
11. Sales or use tax is not to be included in the bid price, but is to be added by the vendor to the invoice billing to the City. Although use tax is not to be included in this bid, vendors are to register and pay tax direct to the Arkansas State Revenue Department.
12. Prices quoted shall be "Free on Board" (F.O.B.) to destination at designated facility in North Little Rock. Charges may not be added after the bid is opened.
13. In the event of two or more identical low bids, the contract may be awarded arbitrarily or for any reason to any of such bidders or split in any proportion between them at the discretion of the Department of Commerce..
14. Specifications furnished with this Invitation are intended to establish a desired quality or performance level, or other minimum dimensions and capacities, which will provide the best product available at the lowest possible price. Other than designated brands and/or models approved as equal to designated products shall receive an equal consideration.
15. Samples of items when required, must be furnished free, and, if not called for within 30 days from date of bid opening, will become property of the City.
16. Bids will not be considered if they are:
 1. Submitted after the bid's opening time.

2. Submitted electronically or faxed (unless authorized by Purchasing Agent).
17. Guarantees and warranties should be submitted with the bid, as they may be a consideration in making an award.
18. **CONSTRUCTION**
 - A. Contractor is to supply the City with evidence of having and maintaining proper and complete insurance, specifically Workman's Compensation Insurance in accordance with the laws of the State of Arkansas, Public Liability and Property Damage. All premiums and cost shall be paid by the Contractor. In no way will the City be responsible in case of accident.
 - B. When noted, a Certified check or bid bond in the amount of 5% of total bid shall accompany bid.
 - C. A Performance Bond equaling the total amount of any bid exceeding \$35,000.00 must be provided for any contract for the repair, alteration or erection of any public building, public structure or public improvement (pursuant to Arkansas Code Annotated Section 22-9-203).
19. **LIQUIDATED DAMAGES** - Liquidated damages shall be assessed beginning on the first day following the maximum delivery or completion time entered on this bid form and/or provided for by the plans and specifications.
20. **AMBIGUITY IN BID** - Any ambiguity in any bid as the result of omission, error, lack of clarity or non-compliance by the bidder with specifications, instructions, and all conditions of bidding shall be construed in the light most favorable to the City.
21. The bid number should be stated on the face of the sealed bid envelope. If it is not, the envelope will have to be opened to identify.
22. Whenever a bid is sought seeking a source of supply for a specified period of time for materials and services, the quantities of usage shown are estimated ONLY. No guarantee or warranty is given or implied by the participants as to the total amount that may or may not be purchased from any resulting contracts. These quantities are for the bidders information ONLY and will be used for tabulation and presentation of bid and the participant reserves the right to increase or decrease quantities as required.
23. The City of North Little Rock reserves the right to reject any and all bids, to accept in whole or in part, to waive any informalities in bids received, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired, and unless otherwise specified by the bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the City of North Little Rock may accept the bid for the lesser amount whether reflected by the extension or by the correct multiple of the unit price.
24. Additional information or bid forms may be obtained from:
COMMERCE DEPARTMENT, 120 Main Street, P.O. Box 5757, North Little Rock, Arkansas 72119 (501)975-8881
www.nlr.ar.gov

Bidding documents must be submitted on or before the bid's opening date and time. Unless noted, bids must be sealed and mailed or delivered to:

**Commerce Department
120 Main Street (P.O. Box 5757)
North Little Rock, AR 72119**