



FEATURES & SPECIFICATIONS

INTENDED USE – Ideal for parking areas, street lighting, walkways and car lots.
CONSTRUCTION – Rugged, die-cast, soft corner aluminum housing with 0.12" nominal wall thickness. Die-cast door frame has impact-resistant, tempered, glass lens that is fully gasketed with one-piece tubular silicone. Finish: Standard finish is dark bronze (DDB) polyester powder finish, with other architectural colors available.
OPTICS – Anodized, aluminum reflectors: IES full cutoff distributions R2 (asymmetric), R3 (asymmetric), R4 (forward throw) and RSS (square) are interchangeable. High-performance anodized, segmented aluminum reflectors IES full cutoff distributions SR2 (asymmetric), SR3 (asymmetric) and SR4SC (forward throw, sharp cutoff). High-performance reflectors attach with tool-less fasteners and are rotatable and interchangeable.
ELECTRICAL – Ballast: High pressure sodium: 70-150W is high reactance, high power factor. Constant wattage autotransformer for 200-400W. Metal halide: 70-150W is high reactance, high power factor and is standard with pulse-start ignitor technology. "SCWA" not required. Constant wattage autotransformer for 175-400W. Super CWA (pulse start ballast), 88% efficient and EISA legislation compliant, is required for metal halide 151-400W (SCWA option) for US shipments only. CSA, NOM or INTL required for probe start shipments outside of the US. Pulse-start ballast (SCWA) required for 200W, 320W, or 350W. Ballast is 100% factory-tested.
 Socket: Porcelain, horizontally oriented medium base socket for 70-150M. Mogul base socket for 175M and above, and 70-400S, with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.
LISTINGS – UL Listed (standard). CSA Certified (see Options). UL listed for 25°C ambient and wet locations. IP65 rated in accordance with standard IEC 529.

Specifications subject to change without notice.

| | |
|----------------|----------------------------------|
| Catalog Number | <h1>RECEIVED</h1> APR 02 2012 |
| Notes | |
| Type | |

Rapid City Community Planning & Development Services



Soft Square Lighting

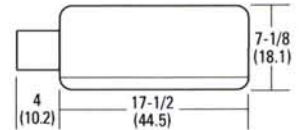


KAD

Specifications

EPA: 1.2 ft.²
 *Weight: 35.9 lbs (16.28 kg)
 Length: 17-1/2 (44.5)
 Width: 17-1/2" (44.5)
 Depth: 7-1/8 (18.1)
 All dimensions are inches (centimeters) unless otherwise specified.
 *Weight as configured in example below.

METAL HALIDE: 70-400W
 HIGH PRESSURE SODIUM: 70-400W
 20' TO 35' MOUNTING



ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

Example: KAD 400M R3 TB SCWA SPD04 LPI

| Series | Wattage | | | Distribution | | Voltage | Ballast | Mounting ¹² | |
|--------|--------------------|-----------------------------------|----------------------|---|--|------------------|--|--|----------------------|
| KAD | Metal halide | High pressure sodium ¹ | Ceramic metal halide | Standard reflectors | High performance reflectors ⁸ | 120 | (blank) Magnetic ballast | Ships in fixture carton | |
| | 70M ^{1,2} | 250M ⁵ | 70S | R2 IES type II asymmetric ⁷ | SR2 IES type II asymmetric ⁷ | 208 ⁹ | CWI Contant wattage isolated ¹¹ | SPD ___ Square pole | Arm length |
| | 100M ¹ | 320M ⁴ | 70MHC ^{1,2} | R3 IES type III asymmetric ⁷ | SR3 IES type III asymmetric ⁷ | 240 ⁹ | SCWA Super CWA pulse-start ballast | RPD ___ Round pole | 04 4" arm |
| | 150M | 350M ^{3,4} | 100S | R4 IES type IV forward throw ⁷ | SR4SC IES type IV forward throw | 277 | | NOTE: For shipments to U.S. territories, SCWA must be specified to comply with EISA. | WBD ___ Wall bracket |
| | 175M ³ | 400M ^{5,6} | 150S | R5 IES type V square | | 347 | | WWD ___ Wood or pole wall | 09 9" arm |
| | 200M ⁴ | 250S | 150MHC | | | 480 ⁹ | | Ships separately ^{13,14} | 12 12" arm |
| | 400S | | | | TB ¹⁰ | | DAD12P Degree arm (pole) | | |
| | | | | | 23050HZ ¹¹ | | DAD12WB Degree arm (wall) | | |
| | | | | | | | WBA Decorative wall bracket ¹⁵ | | |
| | | | | | | | KMA Mast arm external fitter | | |
| | | | | | | | KTMB Twin mounting bar | | |

| Options | | | | Finish ²⁰ | Lamp ²¹ |
|---|---|------------------------------------|---|----------------------|--|
| <u>Shipped installed in fixture</u> | | QRSTD QRS time delay ¹⁸ | <u>Shipped separately¹³</u> | (blank) Dark bronze | LPI Lamp included |
| SF Single fuse (120, 277, 347V) ¹⁶ | WTB Terminal wiring block ¹⁷ | HS House side shield | PE1 NEMA twist-lock PE (120, 208, 240V) | DWH White | L/LP Less lamp |
| DF Double fuse (208, 240, 480V) ¹⁶ | CSA CSA Certified | PE2 NEMA twist-lock PE (347V) | PE3 NEMA twist-lock PE (480V) | DBL Black | Consistent with LEED® point & Green Globes™ criteria for light pollution reduction |
| PD Power tray ¹⁷ | INTL Available MH for probe start shipping outside the U.S. | PE4 NEMA twist-lock PE (480V) | PE7 NEMA twist-lock PE (277V) | DMB Medium bronze | |
| PER NEMA twist-lock receptacle only (no photocontrol) | REGC1 California Title 20, effective 1/1/2010 | SC Shorting cap for PER option | VG Vandal guard ¹⁹ | DNA Natural aluminum | |
| QRS Quartz restrick system ¹⁸ | | WG Wire guard ¹⁹ | | | |

- Notes**
- 1 Not available with SCWA.
 - 2 Not available with 480V.
 - 3 These wattages do not comply with California Title 20 regulations.
 - 4 Must be ordered with SCWA.
 - 5 These wattages require the REGC1 option to be chosen for shipments into California for Title 20 compliance. 250M REGC1 is not available in 347 or 480V.
 - 6 Reduced jacket ED28 required for SR2, SR3 and SR4SC optics.
 - 7 House-side shield available.
 - 8 High performance reflectors not available with QRSTD.
 - 9 Must specify CWI for use in Canada.
 - 10 Optional multi-tap ballast (120, 208, 240, 277V; in Canada: 120, 277, 347V).
 - 11 Consult factory for available wattages.
 - 12 9" arm is required when two or more luminaires are oriented on a 90° drilling pattern.
 - 13 May be ordered as an accessory.
 - 14 Must specify finish when ordered as an accessory.
 - 15 Available with SPD04 and SPD09.
 - 16 Must specify voltage. N/A with TB.
 - 17 Only available with SR2, SR3 and SR4SC optics.
 - 18 Max allowable wattage lamp included.
 - 19 Prefix with KAD when ordered as an accessory.
 - 20 See www.lithonia.com/archcolors for additional color options.
 - 21 Must be specified. L/LP not available with MHC.
 - 22 Must use RPD09.

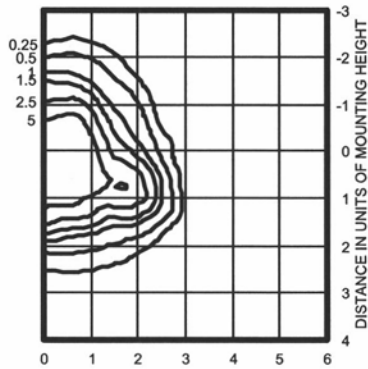
Accessories: Tenon Mounting Slipfitter (RPxx required.)
 Order as separate catalog number. Must be used with pole mounting.

| | | Number of fixtures | | | | | |
|------------|---------|--------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Tenon O.D. | One | Two@180° | Two@90° | Three@120° | Three@90° | Four@90° | |
| 2-3/8" | T20-190 | T20-280 | T20-290 ²² | T20-320 ²² | T20-390 ²² | T20-490 ²² | |
| 2-7/8" | T25-190 | T25-280 | T25-290 ²² | T25-320 | T25-390 ²² | T25-490 ²² | |
| 4" | T35-190 | T35-280 | T35-290 ²² | T35-320 | T35-390 ²² | T35-490 ²² | |

KAD Metal Halide, Arm-mounted Soft Square Cutoff

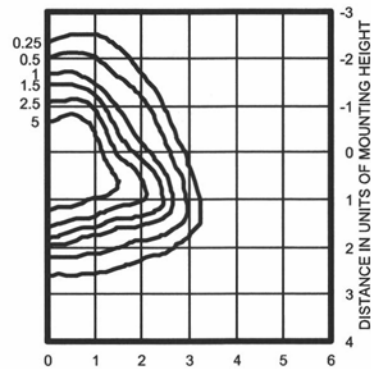
Coefficient of Utilization
 Initial Footcandles

KAD 400M R2 Test no. 1193083101P
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
 Classification: Type II, Short, Full Cutoff

KAD 400M R3 Test no. 1192040902P
ISOILLUMINANCE PLOT (Footcandle)



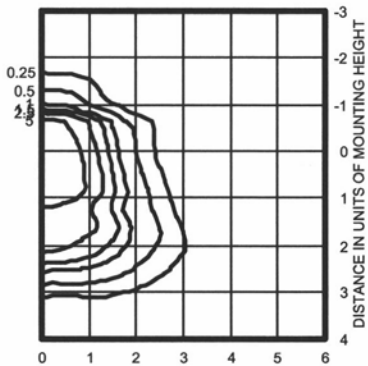
400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Type II, Short, Full Cutoff

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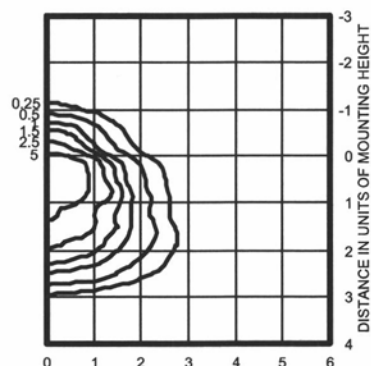
Rapid City Community Planning & Development Services

KAD 400M R4 Test no. 1191110101P
ISOILLUMINANCE PLOT (Footcandle)



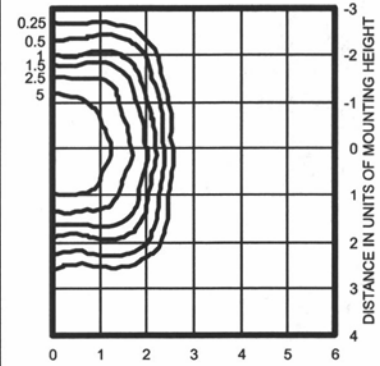
400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type III, Very Short), Full Cutoff

KAD 400M R4HS Test no. 1192061101P
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38,000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type III, Very Short), Full

KAD 400M R5S Test no. 1194040801P
ISOILLUMINANCE PLOT (Footcandle)



400W pulse start metal halide lamp, rated 38000 lumens. Footcandle values based on 20' mounting height.
 Classification: Unclassified (Type NC, Very Short), Full Cutoff

Notes

- 1 Photometric data for other distributions can be accessed at www.lithonia.com.
- 2 Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.
- 3 For electrical characteristics, consult outdoor technical data specification sheets on www.lithonia.com.

Mounting Height Correction Factor

(Multiply the fc level by the correction factor)

25 ft. = 0.64

35 ft. = 0.32

40 ft. = 0.25

$$\left(\frac{\text{Existing Mounting Height}}{\text{New Mounting Height}} \right)^2 = \text{Correction Factor}$$



KAD-M-S

COOPER LIGHTING - LUMARK®



DESCRIPTION

The Lumark Wal-Pak Series of wall luminaires provides traditional architectural style with high performance energy efficient illumination. Rugged die-cast aluminum construction, stainless steel hardware along with a sealed and gasketed optical compartment make the Wal-Pak virtually impenetrable to contaminants. IP65 Rated. Six available lamp sources including patent pending energy efficient LED, pulse start metal halide, compact fluorescent, ceramic metal halide, standard metal halide and high pressure sodium. UL/cUL wet location listed. The Wal-Pak wall luminaire is ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways and loading docks.

SPECIFICATION FEATURES

Housing

Rugged one-piece die-cast aluminum housing and hinged, removable die-cast aluminum door. One-piece silicone gasket seals the optical chamber. UL 1598 wet location listed and IP65 ingress protection rated. Not recommended for car wash applications.

Electrical

Ballasts, LED driver and related electrical components are hard mounted to the die-cast housing for optimal heat sinking and operating efficiency. Wiring is extended through a silicone gasket at the back of the housing. Three 1/2" threaded conduit entry points allow for thru-branch wiring. LED thermal management system incorporates both conduction and natural convection to transfer heat rapidly away from LED source. Integral LED electronic driver incorporates internal fusing designed to withstand a 3kV surge test and is Class 2 rated for 120-277V with an operating temperature of -30° to 60°C.

Wal-Pak LED systems maintain greater than 70% of the initial light output after 50,000 hours of operation. UL listed HID high power factor ballasts are Class H insulation rated (metal halide: 150, 175, 200, 250, 320, 350, 400W [-30°C / -20°F], (high pressure sodium: 50, 70, 100, 150, 250, 400W [-40°C / -40°F]. High efficiency HID ballasts are available in 120V, 208V, 240V, 277V, 347V and 480V. Compact fluorescent high power factor ballasts are Class P insulation rated for 120-277V and have a starting temperature of -18°C / 0°F.

Optical

Highly reflective anodized aluminum reflectors provide high efficiency illumination. Optical assemblies include impact resistant borosilicate refractive glass, Solite™ flat diamond patterned glass and full cutoff IESNA compliant configurations. Patent pending, solid state LED luminaires are thermally optimized with 2400 or 4000 sourced lumen package modules. HID models are offered in

| | | |
|-------------|--|------|
| Catalog # | | Type |
| Project | | |
| Comments | | Date |
| Prepared by | | |

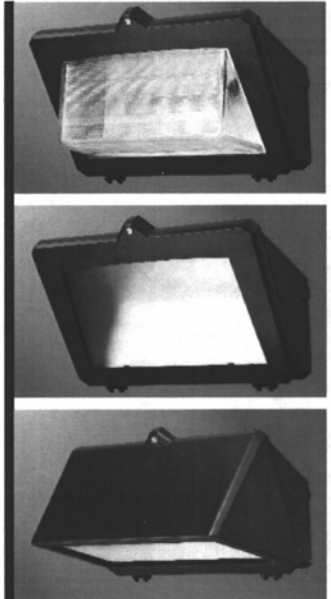
horizontal medium or mogul-based metal halide [MH / MP] or high pressure sodium [HP] lamps. T6 ceramic metal halide [CM] and 4-pin compact fluorescent [CF] lamp models offer high efficiency energy saving illumination.

Door Assembly

Single point, captive stainless steel hardware secures the removable hinged door allowing for ease of installation and maintenance. Door assembly is hinged at the bottom for easy removal, installation and re-lamping.

Finish

Housing and door are protected with 5-stage TGIC dark bronze polyester powder coat paint. Premium TGIC power coat finishes withstand extreme climate changes while providing optimal color and gloss retention. Optional premium colors are available.



WP WAL-PAK

2400 - 4000 Lumen LED

39 - 400W

High Pressure Sodium

Pulse Start Metal Halide

Metal Halide

Ceramic Metal Halide

32 - 140W

Compact Fluorescent

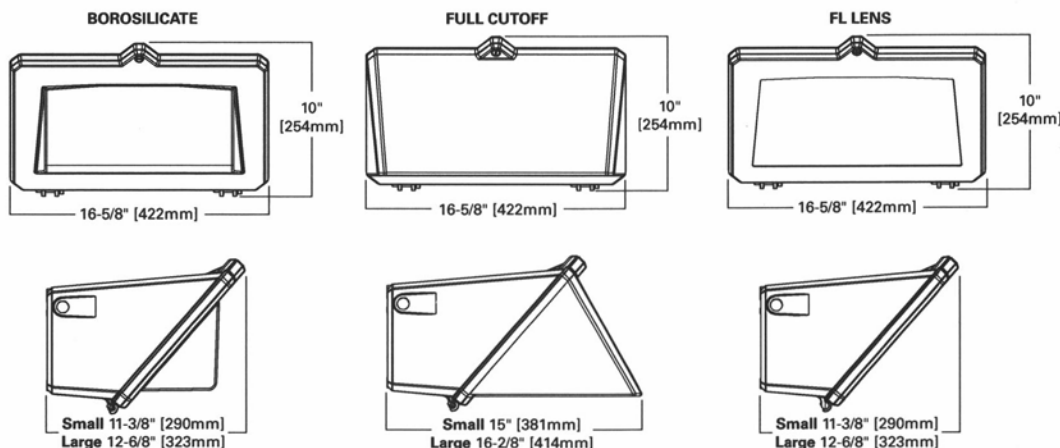
WALL MOUNT LUMINAIRE

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DIMENSIONS



& Development Services

TECHNICAL DATA

UL/cUL Wet Location Listed
 IP65 Rated
 40°C Maximum Ambient Temperature
 External Supply Wiring 90°C Minimum
 EISA @, ARRA, Title 20 Compliant
 LM79 / LM80 Compliant

ENERGY DATA

Reactor Ballast Input Watts

50W HPS NPF (58 Watts)
 70W HPS NPF (82 Watts)
 100W HPS NPF (118 Watts)
 150W HPS NPF (175 Watts)

High Reactance Ballast Input Watts

50W MP HPF (69 Watts)
 70W MP HPF (94 Watts)
 100W MP HPF (129 Watts)
 150W MP HPF (185 Watts)

CWA Ballast Input Watts

200W HPS HPF (250 Watts)
 200W MP HPF (227 Watts) ⊙
 250W MP HPF (283 Watts) ⊙
 320W MP HPF (365 Watts) ⊙
 350W MP HPF (400 Watts) ⊙
 400W HPS HPF (465 Watts)
 400W MP HPF (452 Watts) ⊙

SHIPPING DATA

Approximate Net Weight:

32-42 lbs. (15-19 kgs.) ADH092103 pc
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ORDERING INFORMATION

Sample Number: MPWP-GL-250-MT-2EM/SC/MR

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| | | | | | | |
|---|---|--|--|--|--|--|
| <p>Lamp Type MP=Pulse Start Metal Halide HP=High Pressure Sodium LD=Solid State Light-Emitting Diodes (LED) CF=Compact Fluorescent¹ CM=Ceramic Metal Halide² MH=Metal Halide³</p> | <p>Series WP=Wal-Pak</p> <p>Door Type⁴ GL=Borosilicate Glass Door FC=Full Cutoff Door FL=Flat Solite Glass Door PL=Polycarb Refractor Door</p> | <p>Lamp Wattage⁵ LED 2A=(2 Package), 28W 4A=(4 Package), 40W</p> <p>MP 50=50W 70=70W 100=100W 150=150W 200=200W 250=250W 320=320W 350=350W 400=400W</p> <p>MH 175=175W 250=250W 400=400W</p> | <p>HP 50=50W 70=70W 100=100W 150=150W 250=250W 400=400W</p> <p>CM 39=39W 70=70W 100=100W 150=150W</p> <p>CF 32=32W 42=42W 57=57W 70=70W 64=(2-32) 84=(2-42) 114=(2-57) 140=(2-70)</p> | <p>Voltage⁶ 120V=120V 208V=208V 240V=240V 277V=277V 347V=347V⁷ 480V=480V</p> <p>DT=Dual-Tap MT=Multi-Tap TT=Tri-Tap 5T=5-Tap E=Electronic Ballast⁸ ED=Electronic LED Driver</p> | <p>Options⁹ F1=Single fuse¹⁰ F2=Double fuse¹⁰ PE=Photocontrol button¹⁰ LL=Includes lamp² BK=Black housing WH=White housing GM=Graphite Metallic housing AP=Grey housing DP=Dark Platinum housing DIMA=CF Dimming Ballast¹¹ DIMB=CF Dimming Ballast¹¹ SGL=Solite Glass Lens¹² Q=Quartz Restrike T4 Lamp¹³ EM=Emergency Quartz Restrike T4 Lamp with Time Delay Relay¹³ EM/SC=Emergency Separate Circuit T4 Lamp¹³ QMR=Emergency Back-Up 1-MR16 Lamp^{14,15} 2QMR=Emergency Back-Up 2-MR16 Lamps^{14,15} 2QMR/SC=Emergency Back-Up MR16 and EM separate circuit 2-MR16 Lamp^{14,16} EMMR=Emergency Back-Up 1-MR16 Lamp with Time Delay Relay^{14,15} 2EMMR=Emergency Back-Up 2-MR16 Lamps with Time Delay Relay^{14,15} 2EMMR/SC=Emergency Back-Up 1-MR16 Lamp with Time Delay Relay and EM Separate Circuit^{14,15,16} EM/SC/MR=Emergency Back-Up Separate Circuit 1-MR16 Lamp^{14,15,16} 2EM/SC/MR=Emergency Back-Up Separate Circuit 2-MR16 Lamps^{14,15,16} EM/SC/12V=Emergency Separate Circuit 12V 1-MR16 Lamp^{14,16,17} 2EM/SC/12V=Emergency Separate Circuit 12V 2-MR16 Lamps^{14,16,17} EM140=Emergency Cold Temperature UL 924 CF Power Pack 1 Lamp¹⁸ EM140/2L=Emergency Cold Temperature UL 924 CF Power Pack 2 Lamp¹⁸ CF-EM=Emergency UL924 CF Power Pack 1 Lamp¹⁹ CF-EM/2L=Emergency UL924 CF Power Pack 2 Lamp¹⁹ EMLED-CD=LED Battery Back-Up Cold Temperature²⁰</p> | <p>Accessories²¹ WG/WPGL=Wire Guard Borosilicate Glass Lens Door WG/WPFL=Wire Guard Full Cutoff Door WG/WPFL=Wire Guard FL Lens Door TR/WP=Tamper Resistant Screw and Bit VS/WPGL=Polycarbonate Vandal Shield for Borosilicate Glass Lens Door</p> |
|---|---|--|--|--|--|--|

STOCK SAMPLE NUMBER - LAMP INCLUDED

SAMPLE NUMBER: WPP40C

| | | | | | |
|---|---|--|---|--|--|
| | | | | | |
| <p>Series WP=Wal-Pak</p> | <p>Lamp Type L=LED P=Pulse Start Metal Halide S=High Pressure Sodium</p> | <p>Lamp Wattage 2A=28W 4A=40W 10=100W 15=150W 25=250W 32=320W 40=400W</p> | <p>Door/Glass Type Blank=Standard C=Full Cutoff Door</p> | | |

NOTES: Options not available with stock products. Refer to standard order information to add options. MT is standard. Lamp Type: MP not available in 100W. HPS not available in 320W or Full Cutoff [C] Door. Borosilicate glass door is standard. 2A and 4A models available in LED only. LED models are 120-277V.

LED LUMEN TABLE

| BUG RATING | B | U | G | Delivered Lumens ²² | B | U | G | Delivered Lumens ²² |
|------------------------------|---|---|---|--------------------------------|---|---|---|--------------------------------|
| Borosilicate Glass Door (GL) | | | | | | | | |
| LDWP-GL-2A-ED | 0 | 3 | 2 | 1836 | 0 | 2 | 1 | 1454 |
| LDWP-GL-4A-ED | 1 | 3 | 2 | 2795 | 0 | 3 | 1 | 2084 |
| Polycarbonate Lens (PL) | | | | | | | | |
| LDWP-PL-2A-ED | 0 | 3 | 2 | 1508 | 0 | 1 | 1 | 1090 |
| LDWP-PL-4A-ED | 1 | 3 | 2 | 2297 | 0 | 1 | 1 | 1313 |

For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit www.iesna.org/PDF/Erratas/TM-15-07BugRatingsAddendum.pdf

- NOTES:**
- 1 CF Single lamp offered in all door configurations. CF dual lamp models not offered with FL door type. 70W models not available with EM140-2L, CF-EM, CF-EM-2L. CF not available in 347V.
 - 2 All CM models offered with T6 envelope G12 lamp base. T6 Lamp included with CM models. Order LL with CM models. Ceramic Metal Halide (CM) is available with (MP) pulse start metal halide or E - Electronic Ballast.
 - 3 MH products available for non-US markets only.
 - 4 Small housing offered for 175W and below, CF and LD models. Large housing for 200W-400W. FL door not available with CF or 200-400W models. Polycarbonate lens available in models up to 175W max including LD. Polycarbonate lens not available with full cutoff door or FL models. Solite stipple glass is standard for FL lens. Clear glass is standard for full cutoff door types except for LD. LD full cutoff door is standard with solite glass.
 - 5 LED packages based on 67 CRI/5000K package at 25°C ambient. MH and MP 175W and below are medium base all others are mogul base. CF 64, 84, 114 and 140 models are offered in borosilicate glass and full cutoff doors only. In cold temperatures, compact fluorescent lamps produce lower illumination levels. CF 140 models and 400W HPS rated for 25°C.
 - 6 See Voltage Chart for descriptions. 5T available in 400W MH models only. 90°C Rated wire required for thru-branch wiring for units 175W and lower. 105°C Rated wire required for thru-branch wiring for units 200W and higher. Thru-branch wiring is rated for 40°C for LD and 175W and below. Higher wattage thru-branch wiring is rated for use in 25°C ambient operating environments.
 - 7 347V not available with thru-branch wiring. For 347 or 480V LD specify voltage. ED will be supplied with integral step down transformer. 347V not available with CF lamps.
 - 8 Available with 70-150W MP or CM lamps. E is standard for all CF models. All electronic ballasts are universal 120-277V.
 - 9 Not all options can be combined. Only one emergency or battery back-up option available within the fixture. CF Models utilize EM140, EM140/2L, CF/EM or CF-EM/2L options for emergency equipment. LD Models utilize EM-LED or EMLED-CD options only for battery back-up.
 - 10 Must specify voltage. F1=120, 277 or 347V. F2=208, 240 or 480V. PE=120, 208, 240 or 277V.
 - 11 DIMA dimming ballast, specify number of lamps, available for 1 or 2-28W or 1-32W, 1-42W. DIMB available for 2-42W, 1-57W or 1-70W.
 - 12 SGL optional on HID and CF models only. See note number 4.
 - 13 Q or EM not available with LD or E electronic ballast. Q or EM Minimum HID wattage is 70 watts. EM/SC available in 120V only, EM/SC not available with LD. Maximum 100W 120V T4 EC Beyond Quartz Lamp. Lamp supplied by others.
 - 14 QMR, 2QMR, EMMR, 2EMMR & 2EMMR/SC not available with LD or E electronic ballast. Minimum HID wattage is 70 watts.
 - 15 1 or 2 GU10 base 50W max - 120V Halogen. Lamps supplied by others. EM/SC/MR, 2EM/SC/MR, EM/SC/12V, 2EM/SC/12V not available with LD.
 - 16 Emergency lamp leads out of the back of the unit to auxiliary power. Lamps independently wired to separate circuits.
 - 17 Low Voltage 1 or 2 GU5.3 MR16 base, 12V DC, 35W max. Lamps supplied by others.
 - 18 For use in 25°C ambient operating temperature environments. EM140, EM140/2L used for CF lamps. Specify 120 or 277V. EM140 supports 1-70W CF max, EM140/2L supports 2-32W CF max. Minimum -15°C/-4°F.
 - 19 For use in 25°C ambient operating temperature environments. Specify 120 or 277V. CF-EM supports up to 1-57W CF. CF-EM/2L supports 2-18W CF, 18W lamps supplied by others. Minimum -15°C/-4°F.
 - 20 EMLED-CD available with 4A models only. For use in 25°C ambient operating temperature environments. Specify 120 or 277V. EMLED-CD minimum -20°C/-4°F. Battery pack is a UL recognized component.
 - 21 Order separately.
 - 22 Delivered lumens subject to change. Consult IES file for details.

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| VOLTAGE CHART | |
|--------------------------|----------------------------------|
| DT=Dual-Tap | 120/277 (wired 277V) |
| MT=Multi-Tap | 120/208/240/277 (wired 277V) |
| TT=Tri-Tap | 120/277/347 (wired 347V) |
| 5T=5 Tap | 120/208/240/277/480 (wired 480V) |
| E=Electronic Ballast | 120-277V (Universal) (50/60 HZ) |
| ED=Electronic LED Driver | 120-277V (Universal) (50/60 HZ) |

| LAMP TYPE | WATTAGE |
|--------------------------|--|
| Pulse Start Metal Halide | 50, 70, 100, 150, 200, 250, 320, 350, 400W |
| Metal Halide | 175, 250, 400W |
| High Pressure Sodium | 50, 70, 100, 150, 250, 400W |
| T6 Ceramic Metal Halide | 39, 70, 100, 150W |
| Compact Fluorescent | (1) 32, (1) 42, (1) 57, (1) 70, (2) 32, (2) 42, (2) 57, (2) 70 |
| LED | 2A (2 Package) 28W, 4A (4 Package) 40W |



NOTE: Specifications and dimensions subject to change without notice. Visit our web site at www.cooperlighting.com

Customer First Center 1121 Highway 74 South Peachtree City, GA 30269 770.486.4800 FAX 770.486.4801

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