

## PERIMILUX™ JAUTO SERIES

### NETWORKED LIGHTING CONTROLS READY IK10 & IP66 RATED PREMIUM AREA LUMINAIRE SPECIFICALLY DEVELOPED FOR AUTO DEALER LOTS

#### PRODUCT DESCRIPTION

The Jademar **JAUTO Luminaire** series is designed to provide precisely directed area illumination in auto dealership lots, retail lots and other exterior applications for general illumination.

The JAUTO series features proprietary asymmetric optics designed with backlight and sharp edge cutoff characteristics to control light trespass and direct illumination for enhanced product display. Additionally, modular optic arrays are field adjustable to accommodate lot corners, property lines and configuration of display areas using the same installed luminaire.

Tool-less entry and a universal mounting bracket allows the JAUTO luminaire to be installed quickly and easily by just one person. Multiple pole mount tenon options provide for flexibility to mount in any type of new or retrofit applications.

The JAUTO series includes 12VDC – PWM – Resistance dimming standard and a NEMA socket for 3/7 pin photosensor socket for simple standalone control or integration into wired or wireless networked control scenarios.

#### PRODUCT FEATURES

- Thermal Sensing and Protection for LED Modules/Light Engines
- 0-10V/PWM/Timer Dimmable Standard (DALI Dimming Optional)
- Dim-to-Off
- Auxiliary Power Output: 12VDC Output
- Input Surge Protection: 6kV line-line, 10kV line-earth (Additional 20KV Surge protector integral to power supply)
- IES Types II / III / IV / V Optics
- CC 120-277VAC/347VAC/480VAC Internal driver (Optional)
- NEMA 7 pin Socket Standard
- All weather Epoxy Powder Coated Aluminum Construction ADC12
- 3MCD 3 Step McAdam Ellipse (Optional)
- Adjustable Slip Fitter or Fixed Tenon Mount (Optional)
- Complies with DarkSky. No light emitted/Or less than 1% above a 90-degree angle
- 10 Years Warranty

#### APPLICATIONS

- Auto dealer lot
- Commercial and Industrial Parking Lots
- Wall mounting applications for industrial building where higher mounting options are required

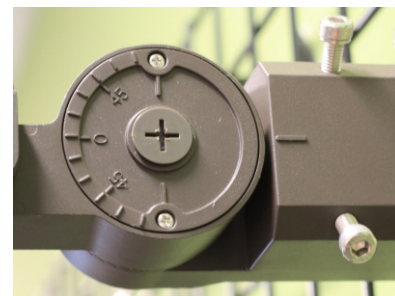
#### CERTIFICATIONS & COMPLIANCE



#### SPECIFICATIONS

|                            |                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Input Power                | 75W / 100W / 120W/ 145W / 200W / 230W / 300W                                                                                          |
| Efficacy                   | from 146 to 188 lm/W                                                                                                                  |
| CRI                        | >80 / > 90                                                                                                                            |
| Input Voltage              | CC 120-277VAC/347VAC/480VAC Internal driver                                                                                           |
| Standard Power Supply      | 12VDC Output - PWM - Resistance Dimmable<br>20kV Surge Protection                                                                     |
| Power Factor               | >0.95                                                                                                                                 |
| Ambient Working Temp       | -40F to +122F                                                                                                                         |
| THD @ 120VAC (%)           | <15%                                                                                                                                  |
| Controls Options           | NEMA Type 3 or 7-Pin Receptacle / Microwave Bi-Level Motion Sensor Option / Z Types 5 Pin socket / Wireless Sensor and Controls Ready |
| Ingress Protection (IP)    | IP66                                                                                                                                  |
| Luminaire EPA (Sq. Ft.)    | See Options at Page 4                                                                                                                 |
| Luminaire Housing          | Tool-less Entry/ Detachable Optics & Module Mount / Cast Aluminum ADC12 / Epoxy Powder Coat Finish/ Acylic Lenses                     |
| Certification & Compliance | ETL / FCC Listed / IK10 Rated                                                                                                         |
| Limited Warranty           | 10 Years                                                                                                                              |

#### JAUTO-UB - UNIVERSAL BRACKET MOUNT



Quotations: [quotes@jademar.com](mailto:quotes@jademar.com)  
To place an order: [orders@jademar.com](mailto:orders@jademar.com)  
Tel: (305) 640.0465 | Fax: (305) 640.0468  
**WWW.JADEMAR.COM**



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## SPECIFICATION SUBMITTAL DETAIL

|                    |       |
|--------------------|-------|
| Project Name/Type: | Date: |
| Catalog/Part #:    |       |

### PERIMILUX™ JAUTO SERIES NETWORKED LIGHTING CONTROLS READY IK10 & IP66 RATED PREMIUM AREA LUMINAIRE

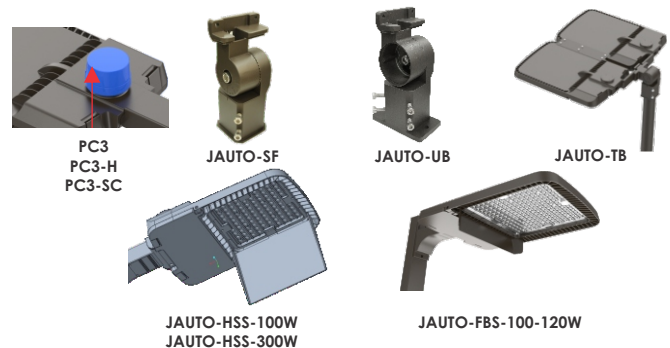
ORDERING INFORMATION / Example: **JAUTO-145W-HE-H-30K-90-T3-BMWO-BZ-PCR-3**

| Product Series                                                                                                     | Input Voltage                              | Selectable CCT                      | CRI                                  | Light Distribution                                   | Dimming             | Controls Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Finish/Housing Color                               | Other Options                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------|--------------------------------------|------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JAUTO-75W-HE<br>JAUTO-100W-HE<br>JAUTO-120W-HE<br>JAUTO-145W-HE<br>JAUTO-200W-HE<br>JAUTO-230W-HE<br>JAUTO-300W-HE | Blank 120-277V (Standard)<br>H 347-480VAC* | 30K 3000K<br>40K 4000K<br>50K 5000K | Blank 80 CRI (Standard)<br>90 90 CRI | T2 Type II<br>T3 Type III<br>T4 Type IV<br>T5 Type V | Blank 0-10V Dimming | BMWO Factory standard setting for this sensor options with this luminaire is: 50% dim, 20 minutes delay - Never turn off.*<br>(Must be combined with photocell or daylight sensor for luminaire to turn off when sun rises) For different factory settings, description must be noted on the order<br><br>SR Sensor receptacle for the sensor above<br>SRFC Silvr controller + antenna<br>CBFC Casambi controller + antenna<br>BNFC Bubblynet controller + antenna<br>SRFC-SRFC Silvr sensor + controller + antenna<br>CBFC-CBFC Casambi sensor + controller + antenna<br>BNFC-BNFC Bubblynet sensor + controller + antenna | BZ CC Bronze RAL8 8019 (Standard)<br>Custom Color* | Blank Not BAA/BABA<br>BAA Buy American Act<br>BABA Build America, Buy America<br>PCR-3 3 Pin Nema Receptable<br>PCR-5 5 Pin Nema Receptable<br>PCR-7 7 Pin Nema Receptable<br>3MCD 3 Step McAdam Ellipse |

### FIELD INSTALLED OPTIONS

|                    |                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| JAUTO-UB           | Universal Bracket Mount includes slip fitter, round/square pole mount & Arm/wall mount. Can be tilted 45 degrees up or down |
| JAUTO-SF           | Slip fitter - Can be tilted 45 degrees up or down.                                                                          |
| JAUTO-ARM          | Square & round pole arm - Can not be tilted, static 90-degree arm.                                                          |
| JAUTO-TB           | Tandem bracket                                                                                                              |
| JAUTO-PPMS-RC      | Hand held remote control for MS sensor                                                                                      |
| IPC7               | 7 Pin Intelligent photocell with midnight step dimming feature (ANSI C136.41-2013 Twist Lock)                               |
| PC3                | NEMA Type 3-Pin Photocell 120-277V                                                                                          |
| PC3-H              | NEMA Type 3-Pin Photocell 347-480V                                                                                          |
| PC3-SC             | Shorting Cap                                                                                                                |
| JAUTO-HSS-75-145W  | House Side Shield - LEFT/RIGHT for 75W / 100W / 120W / 145W                                                                 |
| JAUTO-HSS-200-300W | House Side Shield - LEFT/RIGHT for 200W / 230W / 300W                                                                       |
| JAUTO-FBS-100-145W | House Side Shield Side (Front/Back) for 75W / 100W / 120W / 145W                                                            |
| JAUTO-FBS-200-300W | House Side Shield Side (Front/Back) for 200W / 230W / 300W                                                                  |

**NOTE 1: A MOUNTING OPTION MUST BE SELECTED AND ORDERED AS A SEPARATE LINE ITEM**  
**NOTE 2: IF A PHOTOCELL IS REQUIRED, THE PCR-3, PCR-5, OR PCR-7 MUST BE SELECTED.**



### LUMEN PERFORMANCE AND ELECTRICAL DATA

| Optic | CCT   | JAUTO-75W-HE |          |         | JAUTO-100W-HE |          |         | JAUTO-120W-HE |          |         | JAUTO-145W-HE |          |         |
|-------|-------|--------------|----------|---------|---------------|----------|---------|---------------|----------|---------|---------------|----------|---------|
|       |       | Lumens       | Efficacy | Wattage | Lumens        | Efficacy | Wattage | Lumens        | Efficacy | Wattage | Lumens        | Efficacy | Wattage |
| T2    | 3000K | 12,232       | 161      | 76      | 16,510        | 162      | 102     | 19,724        | 161      | 123     | 22,719        | 157      | 145     |
|       | 4000K | 12,510       | 167      | 75      | 17,026        | 167      | 102     | 18,892        | 159      | 119     | 23,364        | 161      | 145     |
|       | 5000K | 12,978       | 172      | 75      | 17,540        | 172      | 102     | 20,070        | 169      | 119     | 24,012        | 165      | 145     |
| T3    | 3000K | 12,232       | 161      | 76      | 16,510        | 162      | 102     | 19,724        | 161      | 123     | 22,687        | 157      | 145     |
|       | 4000K | 12,510       | 167      | 75      | 17,026        | 167      | 102     | 18,892        | 159      | 119     | 23,821        | 164      | 145     |
|       | 5000K | 12,978       | 172      | 75      | 17,540        | 172      | 102     | 20,070        | 169      | 119     | 25,012        | 172      | 145     |
| T4    | 3000K | 12,228       | 161      | 76      | 16,518        | 162      | 102     | 19,723        | 161      | 123     | 22,665        | 157      | 145     |
|       | 4000K | 12,610       | 167      | 76      | 16,892        | 166      | 102     | 19,899        | 165      | 121     | 23,798        | 164      | 145     |
|       | 5000K | 12,989       | 173      | 75      | 17,120        | 171      | 100     | 20,060        | 169      | 119     | 24,988        | 172      | 145     |
| T5    | 3000K | 12,228       | 161      | 76      | 16,518        | 162      | 102     | 19,723        | 161      | 123     | 21,452        | 162      | 145     |
|       | 4000K | 12,610       | 167      | 76      | 16,892        | 166      | 102     | 19,899        | 165      | 121     | 22,525        | 166      | 145     |
|       | 5000K | 12,989       | 173      | 75      | 17,120        | 171      | 100     | 20,060        | 169      | 119     | 23,651        | 171      | 145     |

| Optic | CCT   | JAUTO-200W-HE |          |         | JAUTO-230W-HE |          |         | JAUTO-300W-HE |          |         |
|-------|-------|---------------|----------|---------|---------------|----------|---------|---------------|----------|---------|
|       |       | Lumens        | Efficacy | Wattage | Lumens        | Efficacy | Wattage | Lumens        | Efficacy | Wattage |
| T2    | 3000K | 34,432        | 169      | 203     | 36,343        | 157      | 231     | 44,639        | 146      | 305     |
|       | 4000K | 36,057        | 177      | 204     | 38,160        | 165      | 231     | 46,871        | 154      | 305     |
|       | 5000K | 38,243        | 188      | 204     | 40,068        | 174      | 231     | 49,214        | 161      | 305     |
| T3    | 3000K | 32,772        | 161      | 203     | 37,251        | 161      | 231     | 47,733        | 156      | 305     |
|       | 4000K | 34,105        | 168      | 204     | 38,645        | 168      | 231     | 49,090        | 161      | 305     |
|       | 5000K | 35,441        | 174      | 204     | 40,038        | 174      | 231     | 50,444        | 166      | 305     |
| T4    | 3000K | 30,835        | 152      | 203     | 36,271        | 161      | 231     | 48,041        | 157      | 305     |
|       | 4000K | 32,376        | 159      | 204     | 38,085        | 168      | 231     | 50,443        | 165      | 305     |
|       | 5000K | 33,995        | 167      | 204     | 39,989        | 173      | 231     | 50,327        | 165      | 305     |
| T5    | 3000K | 31,297        | 155      | 202     | 36,246        | 161      | 231     | 48,222        | 160      | 301     |
|       | 4000K | 32,862        | 163      | 201     | 38,058        | 168      | 231     | 49,620        | 165      | 300     |
|       | 5000K | 34,505        | 174      | 198     | 39,961        | 174      | 231     | 48,557        | 167      | 291     |

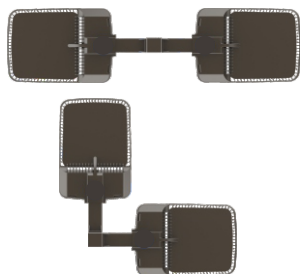


### EPA/WEIGHT CONFIGURATIONS



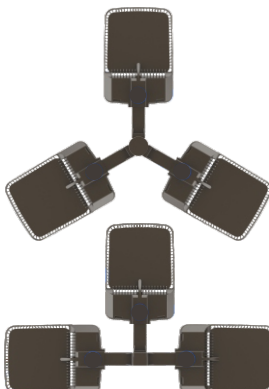
EPA 75W / 100W / 120W / 145W:  
Luminaire & Unit Mount: 0.5 sq. ft.  
Total Combined Weight: 11.25 lbs.

EPA 200W / 230W / 300W:  
Luminaire & Mount: 0.7 sq. ft.  
Total Combined Weight: 15.25 lbs.



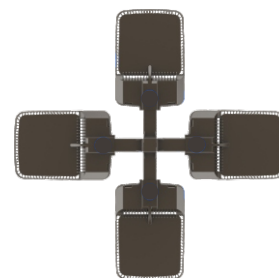
EPA 75W / 100W / 120W / 145W:  
Luminaire & Unit Mount: 1.0 sq. ft.  
Total Combined Weight: 22.5 lbs.

EPA 200W / 230W / 300W:  
Luminaire & Mount: 1.4 sq. ft.  
Total Combined Weight: 30.5 lbs.



EPA 75W / 100W / 120W / 145W:  
Luminaire & Unit Mount: 1.5 sq. ft.  
Total Combined Weight: 33.5 lbs.

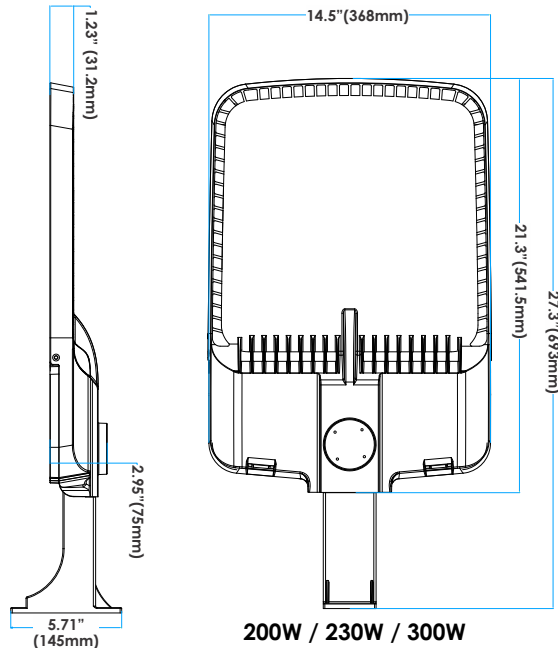
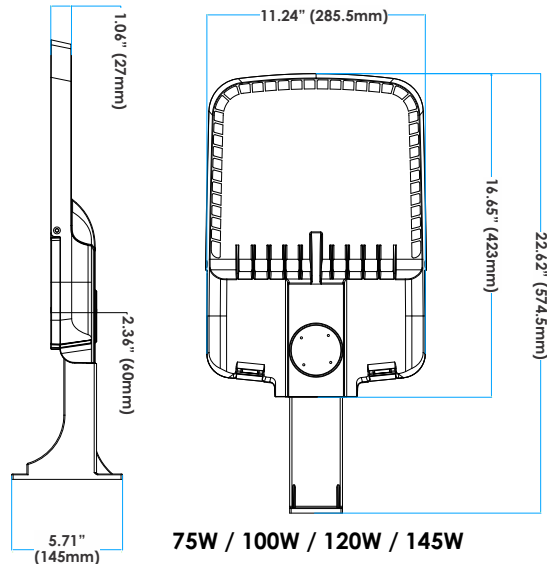
EPA 200W / 230W / 300W:  
Luminaire & Mount: 2.1 sq. ft.  
Total Combined Weight: 45.75 lbs.



EPA 75W / 100W / 120W / 145W:  
Luminaire & Unit Mount: 2.0 sq. ft.  
Total Combined Weight: 45 lbs.

EPA 200W / 230W / 300W:  
Luminaire & Mount: 2.8 sq. ft.  
Total Combined Weight: 61 lbs.

### PRODUCT DIMENSIONS



## PERIMILUX™ JAUTO SERIES

NETWORKED LIGHTING CONTROLS READY

IK10 & IP66 RATED PREMIUM AREA LUMINAIRE

SPECIFICALLY DEVELOPED FOR AUTO DEALER LOTS

