LEOTEK®

Project

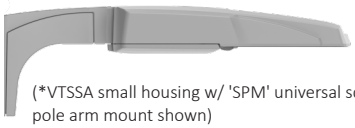
Type

Catalog No.

# VersaTEK Small LED Site & Area Series
# VTSSA Specification Data Sheet

**Luminaire Data**

**Weight**
19.6 lbs [8.9 kg] ('SPM' mount)
20.5 lbs [9.3 kg] ('RPM' mount)
20.7 lbs [9.4 kg] ('MAF' mount)
20.7 lbs [9.4 kg] ('ASPM' mount)
21.3 lbs [9.7 kg] ('ARPM' mount)
23.5 lbs [10.7 kg] ('WM' mount)
27.5 lbs [12.5 kg] ('WMSC' mount)
25.1 lbs [11.4 kg] ('AWM' mount)
28.6 lbs [13.0 kg] ('AWMSC' mount)



(*VTSSA small housing w/ 'SPM' universal square pole arm mount shown)



(*VTSSA smal housing w/ 'MAF' horizontal mast arm fitter mount shown)



(*'VTSSA-72A-SPM shown)

## Ordering Information

Sample Catalog No. VTSSA-36A-MV-40K8-T3R-WH-CF-P9-SPM-D4I-TLR4U-TB-SP2-WL1-PWRD-SF277-BABA

| Product* | LED Code | Voltage | Color Temp CRI | Optical Distribution | Finish* | Performance Code* | Mounting Options |
|---|---|---|---|---|---|---|---|
| **VTSSA** VersaTEK Small Site & Area | **36A** 36 or 72 LEDs Gen-A | **MV** 120-277V<br>**HV** 347-480V | **27K7** 2700K, 70CRI<br>**30K7** 3000K, 70CRI<br>**40K7** 4000K, 70CRI<br>**50K7** 5000K, 70CRI<br>**30K8**[1] 3000K, 80CRI<br>**40K8**[1] 4000K, 80CRI<br>**50K8**[1] 5000K, 80CRI | **NR** Narrow Roadway<br>**MR** Medium Roadway<br>**WR** Wide Roadway<br>**T2R** Type-2R<br>**T2F** Type-2F<br>**T3R** Type-3R<br>**T3F** Type-3F<br>**T4R** Type-4R<br>**T4F** Type-4F<br>**T5** Type-5<br>**AFR** Auto Front Row<br>**ORR** Optics Rotated Right<br>**ORL** Optics Rotated Left | **BK** Black<br>**DB1** Dark Bronze (RAL8019)<br>**WH** White<br>**GY** Gray<br>**CF** Coastal Finish<br>*Consult factory for custom finish options, pricing & leadtimes. | **P1**<br>**P2**<br>**P3**<br>**P4**<br>**P5**<br>**P6**<br>**P7**<br>**P8**<br>**P9***<br>**P10**<br>**P11**<br>*'36A' is P9 max (see pages 3-6 for details) | **SPM** Universal Square Pole Arm Mount<br>**RPM** Universal Round Pole Arm Mount<br>**MAF** Horizontal Mast Arm Fitter (compatible w/ 1-5/8", 2-3/8" and 3" O.D. tenons)<br>**WM** Wall Mount Fixed (compatible w/ 3" & 4" square/octagonal recessed J-boxes)<br>**WMSC** Wall Mount Fixed w/ Surface Conduit J-Box<br>**AWM** Adjustable Wall Mount (compatible w/ 3" & 4" square/octagonal recessed J-boxes)<br>Adjustable Wall Mount w/ Surface Conduit J-Box<br>**AWMSC**<br>**ASPM** Universal Square Pole Adjustable Arm Mount<br>**ARPM** Universal Round Pole Adjustable Arm Mount |

*If Build America, Buy America Act (BABA) compliance is required, please refer to 'BABA Domestic Build Option' located under 'General Options' and refer to footnote #14 for additional details.

### Driver* & Control Options (*0-10V drivers are standard)

**D4I**[2,5] DALI D4i Driver
**TLR4U**[2,3,5] DALI 4-PIN Twist Lock Receptacle (upper of housing receptacle location)
**TLR4L**[2,3,5] DALI 4-PIN Twist Lock Receptacle (lower driver door receptacle location)

**PCR7CR**[2,8] ANSI 7-wire Control Ready Receptacle
**SC** Shorting Cap (factory installed)
**LLPC**[4] Long Life Photocontrol

**PS**[5] Field Adjustable Performance Selector
**PND1**[6] Part Night Dimming V1
**PND2**[6] Part Night Dimming V2
**PND3**[6] Part Night Dimming V3

**MSL3**[7,8] Motion Sensor w/ L3 Lens
**MSL7**[7,8] Motion Sensor w/ L7 Lens

**MSL3P**[7,9] Motion Sensor w/ L3 Lens w/ PCR7
**MSL7P**[7,9] Motion Sensor w/ L7 Lens w/ PCR7

***LEOLink ILS™ Intelligent Lighting System***[10]

* See pg.12 for additional LEOLink ordering & system details *
(refer to LEOLink ILS specification sheets for complete specification & ordering information)

### General Options

**TFL** Tamper free latch (driver electrical door)
**TB** 3-position Terminal Block
**SP2**[11] 20kV/10kA Extreme Surge, Fail-to-On
**LSSP2** 20kV/10kA Extreme Surge, Fail-to-Off
**WL** Wattage Label, ANSI C136.15-2015 compliant
**WL1** Wattage Label, ANSI C136.15-2020 compliant
**DSC** Optional Driver Door Safety Cable
**PWRD** Power Door Option (tool-free removable door w/ serviceable electrical items)
**SFXXX**[12] Single Fuse ('XXX' = specify 120, 277, 347V)
**DFXXX**[12] Double Fuse ('XXX' = specify 208, 240, 480V)
**BLS**[13] Enhanced Back Light Shield (factory installed)
**VHS** 80 Degree Cutoff Shield (factory installed)
**FSS**[13] Front Side Shield (factory installed)
**CSS**[13] Cul-de-sac Shield (factory installed)

***BABA Domestic Build Option***

**BABA**[14] Build America, Buy America Act Compliant (meets Oct. 1, 2026 final US assembly, 55% content material requirements)

### General Accessories*

***Shield Accessories***

**TBS-VTS** Top, Bottom Shield
**LRS-VTS** Left, Right Side Shield
**4SS-VTS** 4-sided Shield
**BDS-VTS** Barn Door Shield
**VS-VTS** Poly Vandal Shield
**WG-VTS** Wire Guard
**BLS-VTSXXA**[13,15] Enhanced Backlight Shield (snap-on)
**VHS-VTSXXA**[15] 80-Degree Cutoff Shield (snap-on)
**FSS-VTSXXA**[13,15] Front Side Shield (snap-on)
**CSS-VTSXXA**[13,15] Cul-de-sac Shield (snap-on) ('XXA' = specify 36A or 72A LED Code)
**BSK** Bird Deterrent Spider Kit

***Controls Accessories***

**LLPCMV** Long Life Photocontrol MV
**LLPCHV** Long Life Photocontrol HV
**FSIR100** MS Configuration Tool

*Accessories are ordered & shipped separately, not to be included in the luminaire's catalog number. (requires field installation)

1. 80CRI option only available in 3000K, 4000K & 5000K CCTs and may have longer leadtimes (contact factory).
2. For full 100% D4i DALI functionality a 'PCR7CR', 'TLR4U' or 'TLR4L' must be selected w/ 'D4I' DALI driver option. DALI compatible node or sensor (by others). 'D4I' DALI driver not compatible w/ 'NB01P05/10' smart controller.
3. 'TLR4U' & 'TLR4L' twist lock receptacle options requires 'D4I' driver option to be selected. 4. 'LLPC' requires 'PCR7CR' option to be selected (does not ship installed, included w/ luminaire).
5. 'PS' Performance Selector enables field adjustable light output dimming control from specified Performance Code, not compatible with DALI driver option (see pg.7 for details).
6. 'PND' options only available w/ 'MV' 120-277V (contact factory for 'HV' 347-480V availability). 7. Motion Sensor options only available w/ 'SPM', 'RPM', 'MAF', 'WM' and 'WMSC' horizontal mounting options.
8. 'MSL3', 'MSL7' motion sensors require secondary controls for ON/OFF capability (ex. time clock or 0-10V by others). Contact factory for Motion Sensor availability w/ 'PCR7CR' control ready receptacle for use with wireless 7-PIN control node (by others).
9. 'MSL3P', 'MSL7P' motion sensors includes a PCR7 photocontrol receptacle for use with a twist lock photocontrol for ON/OFF capability (for use with our 'LLPC' or photocontrol by others, PINs 6 & 7 are not wired for controls, not compatible w/ wireless nodes).
10. 'NB01P05/10' requires 'PCR7CR' option, only available in 'MV' 120-277V (contact factory for 'HV' 347-480V). 'NB01P05/10' is a cellular based NEMA 7-PIN Smart Controller, RenAI subscription and network data plan required (see pg. 12 for details).
11. 10kV/5kA surge, fail-to-on is included standard ('SP1'). 12. For single or double fusing, 'XXX' must specify required voltage. 13.'BLS-VTS', 'FSS-VTS' and 'CSS-VTS' shields are not available for use with the 'T5' Type-5 optical distribution.
14. 'BABA' option must be specified to meet Oct. 1, 2026 Build America, Buy America Act (BABA) guidelines. Failure to specify the 'BABA' ordering code will result in receiving non-BABA compliant product (w/ no recourse for an RMA, product exchange or refund).
15. For snap-on shield accessory items, 'XXA' must specify 36A or 72A LED Code to receive the proper quantity of shields required for field installation.

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## Luminaire Specifications

### Housing & Construction

Rugged grade A360 die-cast aluminum housing, and door frame (<0.6% copper). Housing includes integral heatsink fins and (3) pass-thru convective cooling slots between the LED array heatsink and driver compartment for enhanced cooling and maximum thermal management to maximize LED platform and electrical component lifetime. Electrical access door provides access to electrical components via two corrosion resistant stainless-steel tool-free latches (tamper free latch option 'TFL' is available). Door can be removed without the use of tools. Electrical door comes standard with an integral VersaKICK 'kickstand' to quickly and easily prop open the door to allow for frustration free installation or maintenance. Optional 'PWRD' Power Door mounts all serviceable electrical components on the door with tool-free removal for easy field maintenance or replacement. Internal bubble level standard for leveling during install. All exposed hardware and fasteners are corrosion resistant stainless-steel. Entire luminaire is IP66 rated.

### Light Emitting Diodes

Hi-flux/Hi-power 5050 LEDs provide 90% lumen maintenance (L90) at 95,000 hours for '72A' optics and at 86,500 hours for '36A' optics (at 25°C per IES TM-21). LEDs are tested in accordance with IES LM-80 testing procedures. IES TM-21 lumen maintenance life projection is based on 6X the duration of the LED's IES LM-80 performance data (estimates beyond 6X are extrapolated per TM-21). Available CCTs are 2700K, 3000K, 4000K, 5000K at 70 CRI or 80 CRI (2700K is 70 CRI only). LEDs are 100% mercury and lead free.

### Site & Area and Wall Mounting Options

All site & area and wall mounting options are constructed of rugged A360 die-cast aluminum. Universal/retrofit square pole 'SPM', round pole 'RPM' and adjustable square 'ASPM', adjustable round 'ARPM' arm mount options can accept bolt spacings from 2.29" to 5.25" and are designed for quick and easy single person installation. Horizontal mast arm fitter 'MAF' is designed to install to horizontal 1-5/8", 2-3/8" and 3" O.D. tenons. Fixed 'WM' and adjustable 'AWM' wall mount options mount to recessed 3" or 4" square or octagonal recessed J-boxes (by others). Surface conduit wall mount options 'WMSC' and 'AWMSC' includes (4) 3/4" NPT thru-wire taps with plugs. All wall mount options include an integral bubble level for ease of installation. Mounting provisions meet 3G vibration per ANSI C136.31-2010 Normal Application, Bridge & Overpass.

### Optical Systems

All Micro-lens optical systems are fully sealed to maintain an IP66 rating. All Site & Area and Roadway optical distributions produce 0% total lumens above 90° when installed horizontally (BUG Rating, U=0). Auto Front Row (AFR) optics are designed to enhance light levels at dealership's site perimeter while minimizing wattage and backlight. Multiple glare and light trespass shielding options and accessories are available (see 'Ordering Information' for details).

### Photometry

Luminaires photometrics are tested by certified independent testing laboratories in accordance with IES LM-79 testing procedures.

### Electrical

Rated life of electrical components is 100,000 hours. Standard 0-10V dimmable drivers use an isolated power supply with 6kV integral surge standard. Power supply features a minimum power factor of 0.90 and <20% Total Harmonic Distortion (THD). EMC meets or exceeds FCC CFR Part 15. Optional DALI D4i certified LED drivers also available, which complies with IEC 62386 and ANSI C137.4 and DiiA. Optional 3-position terminal block accommodates 6 to 16AWG wire. Standard surge protection (10kV/5kA Surge, Fail-to-On) complies with IEEE/ANSI C62.41 and ANSI C136.2-2015. Optional 'SP2' and 'LSSP2' provides (20kV/10kA) extreme level surge protection.

### Field Adjustability

Optional Performance Selector 'PS' is an integral 8-step fixed position dial allowing field adjustable lumen and wattage dimming control for added project and design versatility to meet installation specific requirements. The specified Performance Code provides the maximum lumen output. Only compatible with VersaTEK's standard 0-10V drivers. Not compatible with DALI driver option.

### General Control Options

ANSI C136.41 7-wire controls ready photocontrol receptacle 'PCR7CR' option available for use with LEOLink nodes or by others. Receptacle has a tool-less rotatable base with a positive lock to not allow over-rotation and possible damage to the receptacle. Optional DALI D4i and Part Night Dimming driver configurations are also available for added controllability and design flexibility. DALI compatible 'TLR4U' and 'TLR4L' 4-PIN twist lock receptacle options available (wireless DALI nodes or DALI sensors are by others).

### LEOLink Intelligent Lighting System

ANSI C136.41 7-wire smart wireless controllers allow real-time monitoring and asset management of luminaires with 'NB01P05/10' wireless control nodes installed. RenAI cloud-based application receives system data while applying specific AI models for fault isolation and the resolution of voltage health, outages, knockdowns, energy usage, LED faults and more. Allows for full remote management of the luminaire, including the ability to store and execute customer specific schedules and performance parameters. System communicates via standard 4G/5G IoT networks with a cellular data plan and RenAI subscription.

### Finish

Housing receives a fade and abrasion resistant textured polyester powder coat finish with 3.0 mil nominal thickness. Finish tested to withstand 5000 hours in salt spray exposure per ASTM B117 and Coastal Finish per ASTM G85. Finish tested 500 hours in UV exposure per ASTM G154 and meets ASTM D523 gloss retention.

### Listings/Ratings/Labels

Luminaires are UL listed for use in wet locations in the United States and Canada and are rated IP66. Luminaires are qualified to operate at ambient temperatures of-40°C to 50°C. (-40°F to 122°F)

### Government Procurement Compliance

BAA- Buy America(n) Act: All LEOTEK luminaires qualify as a "Domestic End Product" per the Buy American Act as governed by FAR and DFARS.

BABA- Build America Buy America: All LEOTEK luminaires ordered with the 'BABA' option code are compliant per BABA requirements as outlined per the Federal Highway Administration (FHWA).

### Quality Control

Every luminaire is assembled in the USA and is performance tested before and after a 2-hour burn-in period.

### Warranty

10-year limited warranty is standard on luminaire and components. 5-year limited warranty on luminaires and components with a motion sensor. LEOLink Controllers can be speciified with 5-year and 10-year limited warranties. See LEOTEK.com for warranty details, terms and conditions.

### Standards

Luminaire complies with:

ANSI: C136.2, C136.3, C136.10, C136.13, C136.15, C136.22, C136.31, C136.35, C136.37, C136.41, C62.41, C78.377, C82.77

Other: FCC 47 CFR, IEC 60598, ROHS II, UL 1449, UL 1598

## Color Specifications

| Order Code | Color | RAL # | Pantone Equivalent |
|---|---|---|---|
| **GY** | Gray | 7040 | 429C |
| **BK** | Black | 9004 | BLACK 6C |
| **DB1** | Dark Bronze | 8019 | 412 |
| **WH** | White | 9003 | 11-0601 |

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## 36A Performance Data* *(70CRI*, 25°C ambient...*for 80CRI option use a 0.91 multiplier)*

Normal tolerance +/- 10% due to factors that include distribution type, LED bin variance and ambient temperatures.

| Perf. Code | System Wattage (W) | Optic | 27K7 (2700K CCT, 70CRI) | | | | | 30K7 (3000K CCT, 70CRI) | | | | | 40K7 (4000K CCT, 70CRI) | | | | | 50K7 (5000K CCT, 70CRI) | | | | | LLD @ 25°C | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | 50K Hours | 75K Hours | 100K Hours |
| P1 | 30 | NR | 4,936 | 165.0 | 1 | 0 | 1 | 5,282 | 176.0 | 1 | 0 | 1 | 5,528 | 184.0 | 2 | 0 | 1 | 5,528 | 184.0 | 2 | 0 | 1 | 0.979 | 0.972 | 0.965 |
| | | MR | 4,860 | 162.0 | 1 | 0 | 1 | 5,201 | 173.0 | 1 | 0 | 1 | 5,443 | 181.0 | 2 | 0 | 2 | 5,443 | 181.0 | 2 | 0 | 2 | | | |
| | | WR | 4,827 | 161.0 | 1 | 0 | 1 | 5,165 | 172.0 | 2 | 0 | 2 | 5,406 | 180.0 | 2 | 0 | 2 | 5,406 | 180.0 | 2 | 0 | 2 | | | |
| | | T2R | 4,827 | 161.0 | 1 | 0 | 1 | 5,165 | 172.0 | 2 | 0 | 2 | 5,406 | 180.0 | 2 | 0 | 2 | 5,406 | 180.0 | 2 | 0 | 2 | | | |
| | | T2F | 4,731 | 158.0 | 1 | 0 | 1 | 5,062 | 169.0 | 1 | 0 | 1 | 5,298 | 177.0 | 1 | 0 | 1 | 5,298 | 177.0 | 1 | 0 | 1 | | | |
| | | T3R | 4,778 | 159.0 | 1 | 0 | 1 | 5,113 | 170.0 | 1 | 0 | 1 | 5,352 | 178.0 | 1 | 0 | 1 | 5,352 | 178.0 | 1 | 0 | 1 | | | |
| | | T3F | 4,880 | 163.0 | 1 | 0 | 1 | 5,223 | 174.0 | 1 | 0 | 1 | 5,466 | 182.0 | 1 | 0 | 1 | 5,466 | 182.0 | 1 | 0 | 1 | | | |
| | | T4R | 4,663 | 155.0 | 1 | 0 | 1 | 4,989 | 166.0 | 1 | 0 | 1 | 5,222 | 174.0 | 1 | 0 | 1 | 5,222 | 174.0 | 1 | 0 | 1 | | | |
| | | T4F | 4,577 | 153.0 | 1 | 0 | 1 | 4,897 | 163.0 | 1 | 0 | 2 | 5,126 | 171.0 | 1 | 0 | 2 | 5,126 | 171.0 | 1 | 0 | 2 | | | |
| | | T5 | 4,843 | 161.0 | 3 | 0 | 1 | 5,182 | 173.0 | 3 | 0 | 1 | 5,424 | 181.0 | 3 | 0 | 1 | 5,424 | 181.0 | 3 | 0 | 1 | | | |
| | | AFR | 4,851 | 162.0 | 1 | 0 | 1 | 5,191 | 173.0 | 1 | 0 | 1 | 5,433 | 181.0 | 1 | 0 | 1 | 5,433 | 181.0 | 1 | 0 | 1 | | | |
| P2 | 39 | NR | 6,375 | 163.0 | 2 | 0 | 1 | 6,822 | 175.0 | 2 | 0 | 1 | 7,140 | 183.0 | 2 | 0 | 1 | 7,140 | 183.0 | 2 | 0 | 1 | 0.979 | 0.972 | 0.965 |
| | | MR | 6,278 | 161.0 | 2 | 0 | 2 | 6,718 | 172.0 | 2 | 0 | 2 | 7,031 | 180.0 | 2 | 0 | 2 | 7,031 | 180.0 | 2 | 0 | 2 | | | |
| | | WR | 6,234 | 160.0 | 2 | 0 | 2 | 6,671 | 171.0 | 2 | 0 | 2 | 6,982 | 179.0 | 2 | 0 | 2 | 6,982 | 179.0 | 2 | 0 | 2 | | | |
| | | T2R | 6,234 | 160.0 | 2 | 0 | 2 | 6,671 | 171.0 | 2 | 0 | 2 | 6,982 | 179.0 | 2 | 0 | 2 | 6,982 | 179.0 | 2 | 0 | 2 | | | |
| | | T2F | 6,110 | 157.0 | 2 | 0 | 2 | 6,538 | 168.0 | 2 | 0 | 2 | 6,843 | 175.0 | 2 | 0 | 2 | 6,843 | 175.0 | 2 | 0 | 2 | | | |
| | | T3R | 6,172 | 158.0 | 1 | 0 | 1 | 6,604 | 169.0 | 1 | 0 | 2 | 6,912 | 177.0 | 2 | 0 | 2 | 6,912 | 177.0 | 2 | 0 | 2 | | | |
| | | T3F | 6,303 | 162.0 | 2 | 0 | 2 | 6,745 | 173.0 | 2 | 0 | 2 | 7,060 | 181.0 | 2 | 0 | 2 | 7,060 | 181.0 | 2 | 0 | 2 | | | |
| | | T4R | 6,022 | 154.0 | 1 | 0 | 2 | 6,444 | 165.0 | 1 | 0 | 2 | 6,744 | 173.0 | 1 | 0 | 2 | 6,744 | 173.0 | 1 | 0 | 2 | | | |
| | | T4F | 5,911 | 152.0 | 1 | 0 | 2 | 6,325 | 162.0 | 1 | 0 | 2 | 6,620 | 170.0 | 1 | 0 | 2 | 6,620 | 170.0 | 1 | 0 | 2 | | | |
| | | T5 | 6,255 | 160.0 | 3 | 0 | 2 | 6,693 | 172.0 | 3 | 0 | 2 | 7,005 | 180.0 | 3 | 0 | 2 | 7,005 | 180.0 | 3 | 0 | 2 | | | |
| | | AFR | 6,266 | 161.0 | 1 | 0 | 1 | 6,705 | 172.0 | 2 | 0 | 2 | 7,017 | 180.0 | 2 | 0 | 2 | 7,017 | 180.0 | 2 | 0 | 2 | | | |
| P3 | 49 | NR | 7,768 | 159.0 | 2 | 0 | 1 | 8,312 | 170.0 | 2 | 0 | 1 | 8,700 | 178.0 | 2 | 0 | 2 | 8,700 | 178.0 | 2 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 7,649 | 156.0 | 2 | 0 | 2 | 8,185 | 167.0 | 2 | 0 | 2 | 8,566 | 175.0 | 2 | 0 | 2 | 8,566 | 175.0 | 2 | 0 | 2 | | | |
| | | WR | 7,596 | 155.0 | 2 | 0 | 2 | 8,128 | 166.0 | 2 | 0 | 2 | 8,507 | 174.0 | 2 | 0 | 2 | 8,507 | 174.0 | 2 | 0 | 2 | | | |
| | | T2R | 7,596 | 155.0 | 2 | 0 | 2 | 8,128 | 166.0 | 2 | 0 | 2 | 8,507 | 174.0 | 2 | 0 | 2 | 8,507 | 174.0 | 2 | 0 | 2 | | | |
| | | T2F | 7,445 | 152.0 | 2 | 0 | 2 | 7,967 | 163.0 | 2 | 0 | 2 | 8,338 | 170.0 | 2 | 0 | 2 | 8,338 | 170.0 | 2 | 0 | 2 | | | |
| | | T3R | 7,520 | 153.0 | 2 | 0 | 2 | 8,047 | 164.0 | 2 | 0 | 2 | 8,422 | 172.0 | 2 | 0 | 2 | 8,422 | 172.0 | 2 | 0 | 2 | | | |
| | | T3F | 7,681 | 157.0 | 2 | 0 | 2 | 8,219 | 168.0 | 2 | 0 | 2 | 8,602 | 176.0 | 2 | 0 | 2 | 8,602 | 176.0 | 2 | 0 | 2 | | | |
| | | T4R | 7,337 | 150.0 | 1 | 0 | 2 | 7,852 | 160.0 | 1 | 0 | 2 | 8,218 | 168.0 | 2 | 0 | 2 | 8,218 | 168.0 | 2 | 0 | 2 | | | |
| | | T4F | 7,202 | 147.0 | 2 | 0 | 2 | 7,707 | 157.0 | 2 | 0 | 2 | 8,066 | 165.0 | 2 | 0 | 2 | 8,066 | 165.0 | 2 | 0 | 2 | | | |
| | | T5 | 7,621 | 156.0 | 3 | 0 | 2 | 8,155 | 166.0 | 3 | 0 | 2 | 8,535 | 174.0 | 3 | 0 | 2 | 8,535 | 174.0 | 3 | 0 | 2 | | | |
| | | AFR | 7,634 | 156.0 | 2 | 0 | 2 | 8,170 | 167.0 | 2 | 0 | 2 | 8,550 | 174.0 | 2 | 0 | 2 | 8,550 | 174.0 | 2 | 0 | 2 | | | |
| P4 | 59 | NR | 9,115 | 154.0 | 2 | 0 | 2 | 9,754 | 165.0 | 2 | 0 | 2 | 10,208 | 173.0 | 2 | 0 | 2 | 10,208 | 173.0 | 2 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 8,976 | 152.0 | 2 | 0 | 2 | 9,605 | 163.0 | 2 | 0 | 2 | 10,052 | 170.0 | 2 | 0 | 2 | 10,052 | 170.0 | 2 | 0 | 2 | | | |
| | | WR | 8,913 | 151.0 | 2 | 0 | 2 | 9,538 | 162.0 | 2 | 0 | 2 | 9,983 | 169.0 | 2 | 0 | 2 | 9,983 | 169.0 | 2 | 0 | 2 | | | |
| | | T2R | 8,913 | 151.0 | 2 | 0 | 2 | 9,538 | 162.0 | 2 | 0 | 2 | 9,983 | 169.0 | 2 | 0 | 2 | 9,983 | 169.0 | 2 | 0 | 2 | | | |
| | | T2F | 8,736 | 148.0 | 2 | 0 | 2 | 9,348 | 158.0 | 2 | 0 | 2 | 9,784 | 166.0 | 2 | 0 | 2 | 9,784 | 166.0 | 2 | 0 | 2 | | | |
| | | T3R | 8,824 | 150.0 | 2 | 0 | 2 | 9,443 | 160.0 | 2 | 0 | 2 | 9,883 | 168.0 | 2 | 0 | 2 | 9,883 | 168.0 | 2 | 0 | 2 | | | |
| | | T3F | 9,013 | 153.0 | 2 | 0 | 2 | 9,645 | 163.0 | 2 | 0 | 2 | 10,094 | 171.0 | 2 | 0 | 2 | 10,094 | 171.0 | 2 | 0 | 2 | | | |
| | | T4R | 8,610 | 146.0 | 2 | 0 | 2 | 9,214 | 156.0 | 2 | 0 | 2 | 9,643 | 163.0 | 2 | 0 | 2 | 9,643 | 163.0 | 2 | 0 | 2 | | | |
| | | T4F | 8,451 | 143.0 | 2 | 0 | 2 | 9,044 | 153.0 | 2 | 0 | 2 | 9,465 | 160.0 | 2 | 0 | 2 | 9,465 | 160.0 | 2 | 0 | 2 | | | |
| | | T5 | 8,943 | 152.0 | 4 | 0 | 2 | 9,570 | 162.0 | 4 | 0 | 2 | 10,016 | 170.0 | 4 | 0 | 2 | 10,016 | 170.0 | 4 | 0 | 2 | | | |
| | | AFR | 8,959 | 152.0 | 2 | 0 | 2 | 9,587 | 162.0 | 2 | 0 | 2 | 10,033 | 170.0 | 2 | 0 | 2 | 10,033 | 170.0 | 2 | 0 | 2 | | | |
| P5 | 68 | NR | 10,417 | 153.0 | 2 | 0 | 2 | 11,147 | 164.0 | 3 | 0 | 2 | 11,666 | 172.0 | 3 | 0 | 2 | 11,666 | 172.0 | 3 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 10,257 | 151.0 | 2 | 0 | 2 | 10,977 | 161.0 | 3 | 0 | 3 | 11,488 | 169.0 | 3 | 0 | 3 | 11,488 | 169.0 | 3 | 0 | 3 | | | |
| | | WR | 10,186 | 150.0 | 3 | 0 | 3 | 10,900 | 160.0 | 3 | 0 | 3 | 11,408 | 168.0 | 3 | 0 | 3 | 11,408 | 168.0 | 3 | 0 | 3 | | | |
| | | T2R | 10,186 | 150.0 | 3 | 0 | 3 | 10,900 | 160.0 | 3 | 0 | 3 | 11,408 | 168.0 | 3 | 0 | 3 | 11,408 | 168.0 | 3 | 0 | 3 | | | |
| | | T2F | 9,984 | 147.0 | 2 | 0 | 2 | 10,684 | 157.0 | 3 | 0 | 3 | 11,181 | 164.0 | 3 | 0 | 3 | 11,181 | 164.0 | 3 | 0 | 3 | | | |
| | | T3R | 10,084 | 148.0 | 2 | 0 | 2 | 10,791 | 159.0 | 2 | 0 | 2 | 11,294 | 166.0 | 2 | 0 | 2 | 11,294 | 166.0 | 2 | 0 | 2 | | | |
| | | T3F | 10,300 | 151.0 | 2 | 0 | 2 | 11,022 | 162.0 | 2 | 0 | 2 | 11,535 | 170.0 | 2 | 0 | 2 | 11,535 | 170.0 | 2 | 0 | 2 | | | |
| | | T4R | 9,840 | 145.0 | 2 | 0 | 2 | 10,530 | 155.0 | 2 | 0 | 2 | 11,020 | 162.0 | 2 | 0 | 2 | 11,020 | 162.0 | 2 | 0 | 2 | | | |
| | | T4F | 9,659 | 142.0 | 2 | 0 | 2 | 10,336 | 152.0 | 2 | 0 | 2 | 10,817 | 159.0 | 2 | 0 | 3 | 10,817 | 159.0 | 2 | 0 | 3 | | | |
| | | T5 | 10,220 | 150.0 | 4 | 0 | 2 | 10,937 | 161.0 | 4 | 0 | 2 | 11,446 | 168.0 | 4 | 0 | 2 | 11,446 | 168.0 | 4 | 0 | 2 | | | |
| | | AFR | 10,238 | 151.0 | 2 | 0 | 2 | 10,956 | 161.0 | 2 | 0 | 2 | 11,466 | 169.0 | 2 | 0 | 2 | 11,466 | 169.0 | 2 | 0 | 2 | | | |
| P6 | 77 | NR | 11,672 | 152.0 | 3 | 0 | 2 | 12,490 | 162.0 | 3 | 0 | 2 | 13,072 | 170.0 | 3 | 0 | 2 | 13,072 | 170.0 | 3 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 11,494 | 149.0 | 3 | 0 | 3 | 12,299 | 160.0 | 3 | 0 | 3 | 12,872 | 167.0 | 3 | 0 | 3 | 12,872 | 167.0 | 3 | 0 | 3 | | | |
| | | WR | 11,414 | 148.0 | 3 | 0 | 3 | 12,214 | 159.0 | 3 | 0 | 3 | 12,783 | 166.0 | 3 | 0 | 3 | 12,783 | 166.0 | 3 | 0 | 3 | | | |
| | | T2R | 11,414 | 148.0 | 3 | 0 | 3 | 12,214 | 159.0 | 3 | 0 | 3 | 12,783 | 166.0 | 3 | 0 | 3 | 12,783 | 166.0 | 3 | 0 | 3 | | | |
| | | T2F | 11,187 | 145.0 | 3 | 0 | 3 | 11,971 | 155.0 | 3 | 0 | 3 | 12,529 | 163.0 | 3 | 0 | 3 | 12,529 | 163.0 | 3 | 0 | 3 | | | |
| | | T3R | 11,300 | 147.0 | 2 | 0 | 2 | 12,092 | 157.0 | 2 | 0 | 2 | 12,655 | 164.0 | 2 | 0 | 2 | 12,655 | 164.0 | 2 | 0 | 2 | | | |
| | | T3F | 11,541 | 150.0 | 2 | 0 | 2 | 12,350 | 160.0 | 3 | 0 | 3 | 12,925 | 168.0 | 3 | 0 | 3 | 12,925 | 168.0 | 3 | 0 | 3 | | | |
| | | T4R | 11,026 | 143.0 | 2 | 0 | 2 | 11,799 | 153.0 | 2 | 0 | 2 | 12,348 | 160.0 | 2 | 0 | 2 | 12,348 | 160.0 | 2 | 0 | 2 | | | |
| | | T4F | 10,822 | 141.0 | 2 | 0 | 3 | 11,581 | 150.0 | 2 | 0 | 3 | 12,121 | 157.0 | 2 | 0 | 3 | 12,121 | 157.0 | 2 | 0 | 3 | | | |
| | | T5 | 11,452 | 149.0 | 4 | 0 | 2 | 12,255 | 159.0 | 4 | 0 | 2 | 12,825 | 167.0 | 4 | 0 | 2 | 12,825 | 167.0 | 4 | 0 | 2 | | | |
| | | AFR | 11,472 | 149.0 | 2 | 0 | 2 | 12,276 | 159.0 | 2 | 0 | 2 | 12,848 | 167.0 | 3 | 0 | 3 | 12,848 | 167.0 | 3 | 0 | 3 | | | |
| P7 | 86 | NR | 12,883 | 150.0 | 3 | 0 | 2 | 13,786 | 160.0 | 3 | 0 | 2 | 14,428 | 168.0 | 3 | 0 | 2 | 14,428 | 168.0 | 3 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 12,686 | 148.0 | 3 | 0 | 3 | 13,575 | 158.0 | 3 | 0 | 3 | 14,207 | 165.0 | 3 | 0 | 3 | 14,207 | 165.0 | 3 | 0 | 3 | | | |
| | | WR | 12,598 | 146.0 | 3 | 0 | 3 | 13,481 | 157.0 | 3 | 0 | 3 | 14,109 | 164.0 | 3 | 0 | 3 | 14,109 | 164.0 | 3 | 0 | 3 | | | |
| | | T2R | 12,598 | 146.0 | 3 | 0 | 3 | 13,481 | 157.0 | 3 | 0 | 3 | 14,109 | 164.0 | 3 | 0 | 3 | 14,109 | 164.0 | 3 | 0 | 3 | | | |
| | | T2F | 12,347 | 144.0 | 3 | 0 | 3 | 13,213 | 154.0 | 3 | 0 | 3 | 13,828 | 161.0 | 3 | 0 | 3 | 13,828 | 161.0 | 3 | 0 | 3 | | | |
| | | T3R | 12,472 | 145.0 | 2 | 0 | 2 | 13,346 | 155.0 | 3 | 0 | 3 | 13,968 | 162.0 | 3 | 0 | 3 | 13,968 | 162.0 | 3 | 0 | 3 | | | |
| | | T3F | 12,738 | 148.0 | 3 | 0 | 3 | 13,631 | 159.0 | 3 | 0 | 3 | 14,266 | 166.0 | 3 | 0 | 3 | 14,266 | 166.0 | 3 | 0 | 3 | | | |
| | | T4R | 12,169 | 142.0 | 2 | 0 | 2 | 13,022 | 151.0 | 2 | 0 | 2 | 13,629 | 158.0 | 2 | 0 | 2 | 13,629 | 158.0 | 2 | 0 | 2 | | | |
| | | T4F | 11,945 | 139.0 | 2 | 0 | 3 | 12,783 | 149.0 | 2 | 0 | 3 | 13,378 | 156.0 | 2 | 0 | 3 | 13,378 | 156.0 | 2 | 0 | 3 | | | |
| | | T5 | 12,640 | 147.0 | 4 | 0 | 2 | 13,526 | 157.0 | 4 | 0 | 2 | 14,156 | 165.0 | 4 | 0 | 2 | 14,156 | 165.0 | 4 | 0 | 2 | | | |
| | | AFR | 12,662 | 147.0 | 2 | 0 | 2 | 13,549 | 158.0 | 3 | 0 | 3 | 14,180 | 165.0 | 3 | 0 | 3 | 14,180 | 165.0 | 3 | 0 | 3 | | | |

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## 36A Performance Data* *(70CRI*, 25°C ambient...*for 80CRI option use a 0.91 multiplier)*

Normal tolerance +/- 10% due to factors that include distribution type, LED bin variance and ambient temperatures.

| Perf. Code | System Wattage (W) | Optic | 27K7 (2700K CCT, 70CRI) | | | | | 30K7 (3000K CCT, 70CRI) | | | | | 40K7 (4000K CCT, 70CRI) | | | | | 50K7 (5000K CCT, 70CRI) | | | | | LLD @ 25°C | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | 50K Hours | 75K Hours | 100K Hours |
| P8 | 97 | NR | 14,046 | 145.0 | 3 | 0 | 2 | 15,031 | 155.0 | 3 | 0 | 2 | 15,731 | 162.0 | 3 | 0 | 2 | 15,731 | 162.0 | 3 | 0 | 2 | 0.934 | 0.911 | 0.888 |
| | | MR | 13,832 | 143.0 | 3 | 0 | 3 | 14,801 | 153.0 | 3 | 0 | 3 | 15,491 | 160.0 | 3 | 0 | 3 | 15,491 | 160.0 | 3 | 0 | 3 | | | |
| | | WR | 13,736 | 142.0 | 3 | 0 | 3 | 14,699 | 152.0 | 3 | 0 | 3 | 15,383 | 159.0 | 3 | 0 | 3 | 15,383 | 159.0 | 3 | 0 | 3 | | | |
| | | T2R | 13,736 | 142.0 | 3 | 0 | 3 | 14,699 | 152.0 | 3 | 0 | 3 | 15,383 | 159.0 | 3 | 0 | 3 | 15,383 | 159.0 | 3 | 0 | 3 | | | |
| | | T2F | 13,462 | 139.0 | 3 | 0 | 3 | 14,406 | 149.0 | 3 | 0 | 3 | 15,077 | 155.0 | 3 | 0 | 3 | 15,077 | 155.0 | 3 | 0 | 3 | | | |
| | | T3R | 13,598 | 140.0 | 3 | 0 | 3 | 14,551 | 150.0 | 3 | 0 | 3 | 15,229 | 157.0 | 3 | 0 | 3 | 15,229 | 157.0 | 3 | 0 | 3 | | | |
| | | T3F | 13,889 | 143.0 | 3 | 0 | 3 | 14,862 | 153.0 | 3 | 0 | 3 | 15,554 | 160.0 | 3 | 0 | 3 | 15,554 | 160.0 | 3 | 0 | 3 | | | |
| | | T4R | 13,268 | 137.0 | 2 | 0 | 2 | 14,199 | 146.0 | 2 | 0 | 2 | 14,860 | 153.0 | 2 | 0 | 2 | 14,860 | 153.0 | 2 | 0 | 2 | | | |
| | | T4F | 13,024 | 134.0 | 2 | 0 | 3 | 13,937 | 144.0 | 2 | 0 | 3 | 14,586 | 150.0 | 2 | 0 | 3 | 14,586 | 150.0 | 2 | 0 | 3 | | | |
| | | T5 | 13,781 | 142.0 | 4 | 0 | 2 | 14,747 | 152.0 | 4 | 0 | 2 | 15,434 | 159.0 | 4 | 0 | 2 | 15,434 | 159.0 | 4 | 0 | 2 | | | |
| | | AFR | 13,805 | 142.0 | 3 | 0 | 3 | 14,773 | 152.0 | 3 | 0 | 3 | 15,461 | 159.0 | 3 | 0 | 3 | 15,461 | 159.0 | 3 | 0 | 3 | | | |
| P9 | 106 | NR | 15,165 | 143.0 | 3 | 0 | 2 | 16,229 | 153.0 | 3 | 0 | 2 | 16,984 | 160.0 | 3 | 0 | 2 | 16,984 | 160.0 | 3 | 0 | 2 | 0.934 | 0.911 | 0.888 |
| | | MR | 14,933 | 141.0 | 3 | 0 | 3 | 15,980 | 151.0 | 3 | 0 | 3 | 16,725 | 158.0 | 3 | 0 | 3 | 16,725 | 158.0 | 3 | 0 | 3 | | | |
| | | WR | 14,830 | 140.0 | 3 | 0 | 3 | 15,869 | 150.0 | 3 | 0 | 3 | 16,609 | 157.0 | 3 | 0 | 3 | 16,609 | 157.0 | 3 | 0 | 3 | | | |
| | | T2R | 14,830 | 140.0 | 3 | 0 | 3 | 15,869 | 150.0 | 3 | 0 | 3 | 16,609 | 157.0 | 3 | 0 | 3 | 16,609 | 157.0 | 3 | 0 | 3 | | | |
| | | T2F | 14,535 | 137.0 | 3 | 0 | 3 | 15,554 | 147.0 | 3 | 0 | 3 | 16,278 | 154.0 | 3 | 0 | 3 | 16,278 | 154.0 | 3 | 0 | 3 | | | |
| | | T3R | 14,681 | 139.0 | 3 | 0 | 3 | 15,711 | 148.0 | 3 | 0 | 3 | 16,442 | 155.0 | 3 | 0 | 3 | 16,442 | 155.0 | 3 | 0 | 3 | | | |
| | | T3F | 14,995 | 141.0 | 3 | 0 | 3 | 16,046 | 151.0 | 3 | 0 | 3 | 16,794 | 158.0 | 3 | 0 | 3 | 16,794 | 158.0 | 3 | 0 | 3 | | | |
| | | T4R | 14,325 | 135.0 | 2 | 0 | 2 | 15,330 | 145.0 | 2 | 0 | 2 | 16,043 | 151.0 | 2 | 0 | 3 | 16,043 | 151.0 | 2 | 0 | 3 | | | |
| | | T4F | 14,061 | 133.0 | 2 | 0 | 3 | 15,047 | 142.0 | 3 | 0 | 3 | 15,748 | 149.0 | 3 | 0 | 3 | 15,748 | 149.0 | 3 | 0 | 3 | | | |
| | | T5 | 14,879 | 140.0 | 4 | 0 | 2 | 15,922 | 150.0 | 4 | 0 | 2 | 16,664 | 157.0 | 4 | 0 | 3 | 16,664 | 157.0 | 4 | 0 | 3 | | | |
| | | AFR | 14,905 | 141.0 | 3 | 0 | 3 | 15,950 | 150.0 | 3 | 0 | 3 | 16,693 | 157.0 | 3 | 0 | 3 | 16,693 | 157.0 | 3 | 0 | 3 | | | |

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## 72A Performance Data* *(70CRI*, 25°C ambient...*for 80CRI option use a 0.91 multiplier)*

Normal tolerance +/- 10% due to factors that include distribution type, LED bin variance and ambient temperatures.

| Perf. Code | System Wattage (W) | Optic | 27K7 (2700K CCT, 70CRI) | | | | | 30K7 (3000K CCT, 70CRI) | | | | | 40K7 (4000K CCT, 70CRI) | | | | | 50K7 (5000K CCT, 70CRI) | | | | | LLD @ 25°C | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | 50K Hours | 75K Hours | 100K Hours |
| P1 | 74 | NR | 12,350 | 167.0 | 3 | 0 | 2 | 13,215 | 179.0 | 3 | 0 | 2 | 13,831 | 187.0 | 3 | 0 | 2 | 13,831 | 187.0 | 3 | 0 | 2 | 0.979 | 0.972 | 0.965 |
| | | MR | 12,259 | 166.0 | 2 | 0 | 2 | 13,118 | 177.0 | 3 | 0 | 3 | 13,729 | 186.0 | 3 | 0 | 3 | 13,729 | 186.0 | 3 | 0 | 3 | | | |
| | | WR | 12,440 | 168.0 | 3 | 0 | 3 | 13,312 | 180.0 | 3 | 0 | 3 | 13,932 | 188.0 | 3 | 0 | 3 | 13,932 | 188.0 | 3 | 0 | 3 | | | |
| | | T2R | 12,440 | 168.0 | 3 | 0 | 3 | 13,312 | 180.0 | 3 | 0 | 3 | 13,932 | 188.0 | 3 | 0 | 3 | 13,932 | 188.0 | 3 | 0 | 3 | | | |
| | | T2F | 11,973 | 162.0 | 3 | 0 | 3 | 12,812 | 173.0 | 3 | 0 | 3 | 13,409 | 181.0 | 3 | 0 | 3 | 13,409 | 181.0 | 3 | 0 | 3 | | | |
| | | T3R | 12,123 | 164.0 | 2 | 0 | 2 | 12,973 | 175.0 | 2 | 0 | 2 | 13,577 | 183.0 | 2 | 0 | 2 | 13,577 | 183.0 | 2 | 0 | 2 | | | |
| | | T3F | 12,318 | 166.0 | 2 | 0 | 2 | 13,181 | 178.0 | 3 | 0 | 3 | 13,795 | 186.0 | 3 | 0 | 3 | 13,795 | 186.0 | 3 | 0 | 3 | | | |
| | | T4R | 12,025 | 162.0 | 2 | 0 | 2 | 12,867 | 174.0 | 2 | 0 | 2 | 13,467 | 182.0 | 2 | 0 | 2 | 13,467 | 182.0 | 2 | 0 | 2 | | | |
| | | T4F | 11,614 | 157.0 | 2 | 0 | 3 | 12,428 | 168.0 | 2 | 0 | 3 | 13,007 | 176.0 | 2 | 0 | 3 | 13,007 | 176.0 | 2 | 0 | 3 | | | |
| | | T5 | 12,037 | 163.0 | 4 | 0 | 2 | 12,881 | 174.0 | 4 | 0 | 2 | 13,481 | 182.0 | 4 | 0 | 2 | 13,481 | 182.0 | 4 | 0 | 2 | | | |
| | | AFR | 12,188 | 165.0 | 2 | 0 | 2 | 13,043 | 176.0 | 2 | 0 | 2 | 13,650 | 184.0 | 3 | 0 | 3 | 13,650 | 184.0 | 3 | 0 | 3 | | | |
| P2 | 83 | NR | 13,718 | 165.0 | 3 | 0 | 2 | 14,680 | 177.0 | 3 | 0 | 2 | 15,364 | 185.0 | 3 | 0 | 2 | 15,364 | 185.0 | 3 | 0 | 2 | 0.979 | 0.972 | 0.965 |
| | | MR | 13,617 | 164.0 | 3 | 0 | 3 | 14,572 | 176.0 | 3 | 0 | 3 | 15,251 | 184.0 | 3 | 0 | 3 | 15,251 | 184.0 | 3 | 0 | 3 | | | |
| | | WR | 13,818 | 166.0 | 3 | 0 | 3 | 14,787 | 178.0 | 3 | 0 | 3 | 15,476 | 186.0 | 3 | 0 | 3 | 15,476 | 186.0 | 3 | 0 | 3 | | | |
| | | T2R | 13,818 | 166.0 | 3 | 0 | 3 | 14,787 | 178.0 | 3 | 0 | 3 | 15,476 | 186.0 | 3 | 0 | 3 | 15,476 | 186.0 | 3 | 0 | 3 | | | |
| | | T2F | 13,300 | 160.0 | 3 | 0 | 3 | 14,232 | 171.0 | 3 | 0 | 3 | 14,895 | 179.0 | 3 | 0 | 3 | 14,895 | 179.0 | 3 | 0 | 3 | | | |
| | | T3R | 13,467 | 162.0 | 2 | 0 | 2 | 14,411 | 174.0 | 3 | 0 | 3 | 15,082 | 182.0 | 3 | 0 | 3 | 15,082 | 182.0 | 3 | 0 | 3 | | | |
| | | T3F | 13,683 | 165.0 | 3 | 0 | 3 | 14,642 | 176.0 | 3 | 0 | 3 | 15,324 | 185.0 | 3 | 0 | 3 | 15,324 | 185.0 | 3 | 0 | 3 | | | |
| | | T4R | 13,357 | 161.0 | 2 | 0 | 2 | 14,294 | 172.0 | 2 | 0 | 2 | 14,959 | 180.0 | 2 | 0 | 2 | 14,959 | 180.0 | 2 | 0 | 2 | | | |
| | | T4F | 12,901 | 155.0 | 2 | 0 | 3 | 13,806 | 166.0 | 2 | 0 | 3 | 14,449 | 174.0 | 2 | 0 | 3 | 14,449 | 174.0 | 2 | 0 | 3 | | | |
| | | T5 | 13,371 | 161.0 | 4 | 0 | 2 | 14,308 | 172.0 | 4 | 0 | 2 | 14,975 | 180.0 | 4 | 0 | 2 | 14,975 | 180.0 | 4 | 0 | 2 | | | |
| | | AFR | 13,539 | 163.0 | 2 | 0 | 2 | 14,488 | 175.0 | 3 | 0 | 3 | 15,163 | 183.0 | 3 | 0 | 3 | 15,163 | 183.0 | 3 | 0 | 3 | | | |
| P3 | 92 | NR | 15,066 | 164.0 | 3 | 0 | 2 | 16,123 | 175.0 | 3 | 0 | 2 | 16,873 | 183.0 | 3 | 0 | 2 | 16,873 | 183.0 | 3 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 14,955 | 163.0 | 3 | 0 | 3 | 16,004 | 174.0 | 3 | 0 | 3 | 16,749 | 182.0 | 3 | 0 | 3 | 16,749 | 182.0 | 3 | 0 | 3 | | | |
| | | WR | 15,176 | 165.0 | 3 | 0 | 3 | 16,240 | 177.0 | 3 | 0 | 3 | 16,996 | 185.0 | 3 | 0 | 3 | 16,996 | 185.0 | 3 | 0 | 3 | | | |
| | | T2R | 15,176 | 165.0 | 3 | 0 | 3 | 16,240 | 177.0 | 3 | 0 | 3 | 16,996 | 185.0 | 3 | 0 | 3 | 16,996 | 185.0 | 3 | 0 | 3 | | | |
| | | T2F | 14,607 | 159.0 | 3 | 0 | 3 | 15,631 | 170.0 | 3 | 0 | 3 | 16,359 | 178.0 | 3 | 0 | 3 | 16,359 | 178.0 | 3 | 0 | 3 | | | |
| | | T3R | 14,790 | 161.0 | 3 | 0 | 3 | 15,827 | 172.0 | 3 | 0 | 3 | 16,564 | 180.0 | 3 | 0 | 3 | 16,564 | 180.0 | 3 | 0 | 3 | | | |
| | | T3F | 15,027 | 163.0 | 3 | 0 | 3 | 16,081 | 175.0 | 3 | 0 | 3 | 16,830 | 183.0 | 3 | 0 | 3 | 16,830 | 183.0 | 3 | 0 | 3 | | | |
| | | T4R | 14,670 | 159.0 | 2 | 0 | 2 | 15,698 | 171.0 | 2 | 0 | 3 | 16,429 | 179.0 | 2 | 0 | 3 | 16,429 | 179.0 | 2 | 0 | 3 | | | |
| | | T4F | 14,169 | 154.0 | 2 | 0 | 3 | 15,162 | 165.0 | 2 | 0 | 3 | 15,868 | 172.0 | 3 | 0 | 3 | 15,868 | 172.0 | 3 | 0 | 3 | | | |
| | | T5 | 14,685 | 160.0 | 4 | 0 | 2 | 15,714 | 171.0 | 4 | 0 | 2 | 16,446 | 179.0 | 4 | 0 | 2 | 16,446 | 179.0 | 4 | 0 | 2 | | | |
| | | AFR | 14,869 | 162.0 | 3 | 0 | 3 | 15,912 | 173.0 | 3 | 0 | 3 | 16,653 | 181.0 | 3 | 0 | 3 | 16,653 | 181.0 | 3 | 0 | 3 | | | |
| P4 | 101 | NR | 16,394 | 162.0 | 3 | 0 | 2 | 17,543 | 174.0 | 3 | 0 | 2 | 18,360 | 182.0 | 3 | 0 | 2 | 18,360 | 182.0 | 3 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 16,273 | 161.0 | 3 | 0 | 3 | 17,414 | 172.0 | 3 | 0 | 3 | 18,225 | 180.0 | 3 | 0 | 3 | 18,225 | 180.0 | 3 | 0 | 3 | | | |
| | | WR | 16,513 | 163.0 | 3 | 0 | 3 | 17,671 | 175.0 | 3 | 0 | 3 | 18,494 | 183.0 | 3 | 0 | 3 | 18,494 | 183.0 | 3 | 0 | 3 | | | |
| | | T2R | 16,513 | 163.0 | 3 | 0 | 3 | 17,671 | 175.0 | 3 | 0 | 3 | 18,494 | 183.0 | 3 | 0 | 3 | 18,494 | 183.0 | 3 | 0 | 3 | | | |
| | | T2F | 15,894 | 157.0 | 3 | 0 | 3 | 17,008 | 168.0 | 3 | 0 | 3 | 17,800 | 176.0 | 3 | 0 | 3 | 17,800 | 176.0 | 3 | 0 | 3 | | | |
| | | T3R | 16,093 | 159.0 | 3 | 0 | 3 | 17,221 | 171.0 | 3 | 0 | 3 | 18,024 | 178.0 | 3 | 0 | 3 | 18,024 | 178.0 | 3 | 0 | 3 | | | |
| | | T3F | 16,351 | 162.0 | 3 | 0 | 3 | 17,497 | 173.0 | 3 | 0 | 3 | 18,312 | 181.0 | 3 | 0 | 3 | 18,312 | 181.0 | 3 | 0 | 3 | | | |
| | | T4R | 15,962 | 158.0 | 2 | 0 | 3 | 17,081 | 169.0 | 2 | 0 | 3 | 17,877 | 177.0 | 2 | 0 | 3 | 17,877 | 177.0 | 2 | 0 | 3 | | | |
| | | T4F | 15,417 | 153.0 | 3 | 0 | 3 | 16,498 | 163.0 | 3 | 0 | 3 | 17,266 | 171.0 | 3 | 0 | 3 | 17,266 | 171.0 | 3 | 0 | 3 | | | |
| | | T5 | 15,979 | 158.0 | 4 | 0 | 2 | 17,099 | 169.0 | 4 | 0 | 3 | 17,895 | 177.0 | 5 | 0 | 3 | 17,895 | 177.0 | 5 | 0 | 3 | | | |
| | | AFR | 16,179 | 160.0 | 3 | 0 | 3 | 17,313 | 171.0 | 3 | 0 | 3 | 18,120 | 179.0 | 3 | 0 | 3 | 18,120 | 179.0 | 3 | 0 | 3 | | | |
| P5 | 109 | NR | 17,700 | 162.0 | 3 | 0 | 2 | 18,941 | 174.0 | 3 | 0 | 2 | 19,824 | 182.0 | 3 | 0 | 2 | 19,824 | 182.0 | 3 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 17,570 | 161.0 | 3 | 0 | 3 | 18,802 | 172.0 | 3 | 0 | 3 | 19,678 | 181.0 | 3 | 0 | 3 | 19,678 | 181.0 | 3 | 0 | 3 | | | |
| | | WR | 17,829 | 164.0 | 3 | 0 | 3 | 19,079 | 175.0 | 3 | 0 | 3 | 19,968 | 183.0 | 3 | 0 | 3 | 19,968 | 183.0 | 3 | 0 | 3 | | | |
| | | T2R | 17,829 | 164.0 | 3 | 0 | 3 | 19,079 | 175.0 | 3 | 0 | 3 | 19,968 | 183.0 | 3 | 0 | 3 | 19,968 | 183.0 | 3 | 0 | 3 | | | |
| | | T2F | 17,160 | 157.0 | 3 | 0 | 3 | 18,363 | 168.0 | 3 | 0 | 3 | 19,219 | 176.0 | 3 | 0 | 3 | 19,219 | 176.0 | 3 | 0 | 3 | | | |
| | | T3R | 17,376 | 159.0 | 3 | 0 | 3 | 18,594 | 171.0 | 3 | 0 | 3 | 19,460 | 179.0 | 3 | 0 | 3 | 19,460 | 179.0 | 3 | 0 | 3 | | | |
| | | T3F | 17,654 | 162.0 | 3 | 0 | 3 | 18,892 | 173.0 | 3 | 0 | 3 | 19,772 | 181.0 | 3 | 0 | 3 | 19,772 | 181.0 | 3 | 0 | 3 | | | |
| | | T4R | 17,234 | 158.0 | 2 | 0 | 3 | 18,443 | 169.0 | 2 | 0 | 3 | 19,301 | 177.0 | 3 | 0 | 3 | 19,301 | 177.0 | 3 | 0 | 3 | | | |
| | | T4F | 16,646 | 153.0 | 3 | 0 | 3 | 17,813 | 163.0 | 3 | 0 | 3 | 18,643 | 171.0 | 3 | 0 | 3 | 18,643 | 171.0 | 3 | 0 | 3 | | | |
| | | T5 | 17,252 | 158.0 | 4 | 0 | 3 | 18,462 | 169.0 | 5 | 0 | 3 | 19,322 | 177.0 | 5 | 0 | 3 | 19,322 | 177.0 | 5 | 0 | 3 | | | |
| | | AFR | 17,469 | 160.0 | 3 | 0 | 3 | 18,693 | 171.0 | 3 | 0 | 3 | 19,564 | 179.0 | 3 | 0 | 3 | 19,564 | 179.0 | 3 | 0 | 3 | | | |
| P6 | 117 | NR | 18,987 | 162.0 | 3 | 0 | 2 | 20,318 | 174.0 | 3 | 0 | 2 | 21,264 | 182.0 | 3 | 0 | 2 | 21,264 | 182.0 | 3 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 18,847 | 161.0 | 3 | 0 | 3 | 20,168 | 172.0 | 3 | 0 | 3 | 21,107 | 180.0 | 3 | 0 | 3 | 21,107 | 180.0 | 3 | 0 | 3 | | | |
| | | WR | 19,125 | 163.0 | 3 | 0 | 3 | 20,466 | 175.0 | 3 | 0 | 3 | 21,419 | 183.0 | 3 | 0 | 3 | 21,419 | 183.0 | 3 | 0 | 3 | | | |
| | | T2R | 19,125 | 163.0 | 3 | 0 | 3 | 20,466 | 175.0 | 3 | 0 | 3 | 21,419 | 183.0 | 3 | 0 | 3 | 21,419 | 183.0 | 3 | 0 | 3 | | | |
| | | T2F | 18,407 | 157.0 | 3 | 0 | 3 | 19,698 | 168.0 | 3 | 0 | 3 | 20,615 | 176.0 | 3 | 0 | 3 | 20,615 | 176.0 | 3 | 0 | 3 | | | |
| | | T3R | 18,639 | 159.0 | 3 | 0 | 3 | 19,945 | 170.0 | 3 | 0 | 3 | 20,874 | 178.0 | 3 | 0 | 3 | 20,874 | 178.0 | 3 | 0 | 3 | | | |
| | | T3F | 18,937 | 162.0 | 3 | 0 | 3 | 20,265 | 173.0 | 3 | 0 | 3 | 21,209 | 181.0 | 3 | 0 | 3 | 21,209 | 181.0 | 3 | 0 | 3 | | | |
| | | T4R | 18,487 | 158.0 | 2 | 0 | 3 | 19,783 | 169.0 | 3 | 0 | 3 | 20,704 | 177.0 | 3 | 0 | 3 | 20,704 | 177.0 | 3 | 0 | 3 | | | |
| | | T4F | 17,856 | 153.0 | 3 | 0 | 3 | 19,107 | 163.0 | 3 | 0 | 3 | 19,997 | 171.0 | 3 | 0 | 3 | 19,997 | 171.0 | 3 | 0 | 3 | | | |
| | | T5 | 18,506 | 158.0 | 5 | 0 | 3 | 19,803 | 169.0 | 5 | 0 | 3 | 20,726 | 177.0 | 5 | 0 | 3 | 20,726 | 177.0 | 5 | 0 | 3 | | | |
| | | AFR | 18,738 | 160.0 | 3 | 0 | 3 | 20,052 | 171.0 | 3 | 0 | 3 | 20,986 | 179.0 | 3 | 0 | 3 | 20,986 | 179.0 | 3 | 0 | 3 | | | |
| P7 | 126 | NR | 20,252 | 161.0 | 3 | 0 | 2 | 21,672 | 172.0 | 3 | 0 | 2 | 22,681 | 180.0 | 3 | 0 | 2 | 22,681 | 180.0 | 3 | 0 | 2 | 0.942 | 0.919 | 0.896 |
| | | MR | 20,103 | 160.0 | 3 | 0 | 3 | 21,512 | 171.0 | 3 | 0 | 3 | 22,514 | 179.0 | 3 | 0 | 3 | 22,514 | 179.0 | 3 | 0 | 3 | | | |
| | | WR | 20,400 | 162.0 | 3 | 0 | 3 | 21,830 | 173.0 | 3 | 0 | 3 | 22,847 | 181.0 | 3 | 0 | 3 | 22,847 | 181.0 | 3 | 0 | 3 | | | |
| | | T2R | 20,400 | 162.0 | 3 | 0 | 3 | 21,830 | 173.0 | 3 | 0 | 3 | 22,847 | 181.0 | 3 | 0 | 3 | 22,847 | 181.0 | 3 | 0 | 3 | | | |
| | | T2F | 19,634 | 156.0 | 3 | 0 | 3 | 21,011 | 167.0 | 3 | 0 | 3 | 21,989 | 175.0 | 3 | 0 | 3 | 21,989 | 175.0 | 3 | 0 | 3 | | | |
| | | T3R | 19,881 | 158.0 | 3 | 0 | 3 | 21,275 | 169.0 | 3 | 0 | 3 | 22,266 | 177.0 | 3 | 0 | 3 | 22,266 | 177.0 | 3 | 0 | 3 | | | |
| | | T3F | 20,199 | 160.0 | 3 | 0 | 3 | 21,616 | 172.0 | 3 | 0 | 3 | 22,622 | 180.0 | 3 | 0 | 3 | 22,622 | 180.0 | 3 | 0 | 3 | | | |
| | | T4R | 19,719 | 156.0 | 3 | 0 | 3 | 21,101 | 167.0 | 3 | 0 | 3 | 22,084 | 175.0 | 3 | 0 | 3 | 22,084 | 175.0 | 3 | 0 | 3 | | | |
| | | T4F | 19,046 | 151.0 | 3 | 0 | 3 | 20,381 | 162.0 | 3 | 0 | 3 | 21,330 | 169.0 | 3 | 0 | 3 | 21,330 | 169.0 | 3 | 0 | 3 | | | |
| | | T5 | 19,739 | 157.0 | 5 | 0 | 3 | 21,123 | 168.0 | 5 | 0 | 3 | 22,107 | 175.0 | 5 | 0 | 3 | 22,107 | 175.0 | 5 | 0 | 3 | | | |
| | | AFR | 19,987 | 159.0 | 3 | 0 | 3 | 21,388 | 170.0 | 3 | 0 | 3 | 22,384 | 178.0 | 3 | 0 | 3 | 22,384 | 178.0 | 3 | 0 | 3 | | | |

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## 72A Performance Data* *(70CRI*, 25°C ambient...*for 80CRI option use a 0.91 multiplier)*

Normal tolerance +/- 10% due to factors that include distribution type, LED bin variance and ambient temperatures.

| Perf. Code | System Wattage (W) | Optic | 27K7 (2700K CCT, 70CRI) | | | | | 30K7 (3000K CCT, 70CRI) | | | | | 40K7 (4000K CCT, 70CRI) | | | | | 50K7 (5000K CCT, 70CRI) | | | | | LLD @ 25°C | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | Lumens | LPW | B | U | G | 50K Hours | 75K Hours | 100K Hours |
| P8 | 135 | NR | 21,497 | 159.0 | 3 | 0 | 2 | 23,004 | 170.0 | 3 | 0 | 3 | 24,075 | 178.0 | 3 | 0 | 3 | 24,075 | 178.0 | 3 | 0 | 3 | 0.934 | 0.911 | 0.888 |
| | | MR | 21,339 | 158.0 | 3 | 0 | 3 | 22,835 | 169.0 | 3 | 0 | 3 | 23,898 | 177.0 | 3 | 0 | 3 | 23,898 | 177.0 | 3 | 0 | 3 | | | |
| | | WR | 21,654 | 160.0 | 3 | 0 | 3 | 23,172 | 172.0 | 3 | 0 | 3 | 24,251 | 180.0 | 3 | 0 | 3 | 24,251 | 180.0 | 3 | 0 | 3 | | | |
| | | T2R | 21,654 | 160.0 | 3 | 0 | 3 | 23,172 | 172.0 | 3 | 0 | 3 | 24,251 | 180.0 | 3 | 0 | 3 | 24,251 | 180.0 | 3 | 0 | 3 | | | |
| | | T2F | 20,841 | 154.0 | 3 | 0 | 3 | 22,302 | 165.0 | 3 | 0 | 3 | 23,341 | 173.0 | 3 | 0 | 3 | 23,341 | 173.0 | 3 | 0 | 3 | | | |
| | | T3R | 21,103 | 156.0 | 3 | 0 | 3 | 22,582 | 167.0 | 3 | 0 | 3 | 23,634 | 175.0 | 3 | 0 | 3 | 23,634 | 175.0 | 3 | 0 | 3 | | | |
| | | T3F | 21,441 | 159.0 | 3 | 0 | 3 | 22,944 | 170.0 | 3 | 0 | 3 | 24,013 | 178.0 | 3 | 0 | 3 | 24,013 | 178.0 | 3 | 0 | 3 | | | |
| | | T4R | 20,931 | 155.0 | 3 | 0 | 3 | 22,398 | 166.0 | 3 | 0 | 3 | 23,442 | 174.0 | 3 | 0 | 4 | 23,442 | 174.0 | 3 | 0 | 4 | | | |
| | | T4F | 20,216 | 150.0 | 3 | 0 | 3 | 21,634 | 160.0 | 3 | 0 | 4 | 22,641 | 168.0 | 3 | 0 | 4 | 22,641 | 168.0 | 3 | 0 | 4 | | | |
| | | T5 | 20,953 | 155.0 | 5 | 0 | 3 | 22,422 | 166.0 | 5 | 0 | 3 | 23,466 | 174.0 | 5 | 0 | 3 | 23,466 | 174.0 | 5 | 0 | 3 | | | |
| | | AFR | 21,216 | 157.0 | 3 | 0 | 3 | 22,703 | 168.0 | 3 | 0 | 3 | 23,760 | 176.0 | 3 | 0 | 3 | 23,760 | 176.0 | 3 | 0 | 3 | | | |
| P9 | 144 | NR | 22,721 | 158.0 | 3 | 0 | 2 | 24,314 | 169.0 | 3 | 0 | 3 | 25,447 | 177.0 | 3 | 0 | 3 | 25,447 | 177.0 | 3 | 0 | 3 | 0.934 | 0.911 | 0.888 |
| | | MR | 22,554 | 157.0 | 3 | 0 | 3 | 24,135 | 168.0 | 3 | 0 | 3 | 25,259 | 175.0 | 3 | 0 | 3 | 25,259 | 175.0 | 3 | 0 | 3 | | | |
| | | WR | 22,887 | 159.0 | 3 | 0 | 3 | 24,491 | 170.0 | 3 | 0 | 3 | 25,632 | 178.0 | 3 | 0 | 3 | 25,632 | 178.0 | 3 | 0 | 3 | | | |
| | | T2R | 22,887 | 159.0 | 3 | 0 | 3 | 24,491 | 170.0 | 3 | 0 | 3 | 25,632 | 178.0 | 3 | 0 | 3 | 25,632 | 178.0 | 3 | 0 | 3 | | | |
| | | T2F | 22,028 | 153.0 | 3 | 0 | 3 | 23,572 | 164.0 | 3 | 0 | 3 | 24,670 | 171.0 | 3 | 0 | 3 | 24,670 | 171.0 | 3 | 0 | 3 | | | |
| | | T3R | 22,305 | 155.0 | 3 | 0 | 3 | 23,869 | 166.0 | 3 | 0 | 3 | 24,980 | 173.0 | 3 | 0 | 4 | 24,980 | 173.0 | 3 | 0 | 4 | | | |
| | | T3F | 22,662 | 157.0 | 3 | 0 | 3 | 24,251 | 168.0 | 3 | 0 | 3 | 25,380 | 176.0 | 3 | 0 | 3 | 25,380 | 176.0 | 3 | 0 | 3 | | | |
| | | T4R | 22,123 | 154.0 | 3 | 0 | 3 | 23,674 | 164.0 | 3 | 0 | 4 | 24,776 | 172.0 | 3 | 0 | 4 | 24,776 | 172.0 | 3 | 0 | 4 | | | |
| | | T4F | 21,368 | 148.0 | 3 | 0 | 4 | 22,866 | 159.0 | 3 | 0 | 4 | 23,931 | 166.0 | 3 | 0 | 4 | 23,931 | 166.0 | 3 | 0 | 4 | | | |
| | | T5 | 22,146 | 154.0 | 5 | 0 | 3 | 23,699 | 165.0 | 5 | 0 | 3 | 24,802 | 172.0 | 5 | 0 | 3 | 24,802 | 172.0 | 5 | 0 | 3 | | | |
| | | AFR | 22,424 | 156.0 | 3 | 0 | 3 | 23,996 | 167.0 | 3 | 0 | 3 | 25,114 | 174.0 | 3 | 0 | 3 | 25,114 | 174.0 | 3 | 0 | 3 | | | |
| P10 | 155 | NR | 23,925 | 154.0 | 3 | 0 | 3 | 25,602 | 165.0 | 3 | 0 | 3 | 26,795 | 173.0 | 3 | 0 | 3 | 26,795 | 173.0 | 3 | 0 | 3 | 0.934 | 0.911 | 0.888 |
| | | MR | 23,749 | 153.0 | 3 | 0 | 3 | 25,414 | 164.0 | 3 | 0 | 3 | 26,597 | 172.0 | 3 | 0 | 3 | 26,597 | 172.0 | 3 | 0 | 3 | | | |
| | | WR | 24,099 | 155.0 | 3 | 0 | 3 | 25,789 | 166.0 | 3 | 0 | 3 | 26,990 | 174.0 | 3 | 0 | 3 | 26,990 | 174.0 | 3 | 0 | 3 | | | |
| | | T2R | 24,099 | 155.0 | 3 | 0 | 3 | 25,789 | 166.0 | 3 | 0 | 3 | 26,990 | 174.0 | 3 | 0 | 3 | 26,990 | 174.0 | 3 | 0 | 3 | | | |
| | | T2F | 23,195 | 150.0 | 3 | 0 | 3 | 24,821 | 160.0 | 3 | 0 | 3 | 25,977 | 168.0 | 3 | 0 | 3 | 25,977 | 168.0 | 3 | 0 | 3 | | | |
| | | T3R | 23,486 | 152.0 | 3 | 0 | 3 | 25,133 | 162.0 | 3 | 0 | 4 | 26,304 | 170.0 | 3 | 0 | 4 | 26,304 | 170.0 | 3 | 0 | 4 | | | |
| | | T3F | 23,863 | 154.0 | 3 | 0 | 3 | 25,536 | 165.0 | 3 | 0 | 3 | 26,725 | 172.0 | 3 | 0 | 3 | 26,725 | 172.0 | 3 | 0 | 3 | | | |
| | | T4R | 23,295 | 150.0 | 3 | 0 | 4 | 24,928 | 161.0 | 3 | 0 | 4 | 26,089 | 168.0 | 3 | 0 | 4 | 26,089 | 168.0 | 3 | 0 | 4 | | | |
| | | T4F | 22,500 | 145.0 | 3 | 0 | 4 | 24,077 | 155.0 | 3 | 0 | 4 | 25,199 | 163.0 | 3 | 0 | 4 | 25,199 | 163.0 | 3 | 0 | 4 | | | |
| | | T5 | 23,319 | 150.0 | 5 | 0 | 3 | 24,954 | 161.0 | 5 | 0 | 3 | 26,116 | 168.0 | 5 | 0 | 3 | 26,116 | 168.0 | 5 | 0 | 3 | | | |
| | | AFR | 23,612 | 152.0 | 3 | 0 | 3 | 25,267 | 163.0 | 3 | 0 | 3 | 26,444 | 171.0 | 3 | 0 | 3 | 26,444 | 171.0 | 3 | 0 | 3 | | | |
| P11 | 165 | NR | 25,108 | 152.0 | 3 | 0 | 3 | 26,868 | 163.0 | 3 | 0 | 3 | 28,120 | 170.0 | 3 | 0 | 3 | 28,120 | 170.0 | 3 | 0 | 3 | 0.934 | 0.911 | 0.888 |
| | | MR | 24,923 | 151.0 | 3 | 0 | 3 | 26,671 | 162.0 | 3 | 0 | 3 | 27,913 | 169.0 | 3 | 0 | 3 | 27,913 | 169.0 | 3 | 0 | 3 | | | |
| | | WR | 25,291 | 153.0 | 3 | 0 | 3 | 27,064 | 164.0 | 3 | 0 | 3 | 28,325 | 172.0 | 4 | 0 | 4 | 28,325 | 172.0 | 4 | 0 | 4 | | | |
| | | T2R | 25,291 | 153.0 | 3 | 0 | 3 | 27,064 | 164.0 | 3 | 0 | 3 | 28,325 | 172.0 | 4 | 0 | 4 | 28,325 | 172.0 | 4 | 0 | 4 | | | |
| | | T2F | 24,342 | 148.0 | 3 | 0 | 3 | 26,049 | 158.0 | 3 | 0 | 3 | 27,262 | 165.0 | 3 | 0 | 3 | 27,262 | 165.0 | 3 | 0 | 3 | | | |
| | | T3R | 24,648 | 149.0 | 3 | 0 | 3 | 26,376 | 160.0 | 3 | 0 | 4 | 27,604 | 167.0 | 3 | 0 | 4 | 27,604 | 167.0 | 3 | 0 | 4 | | | |
| | | T3F | 25,043 | 152.0 | 3 | 0 | 3 | 26,798 | 162.0 | 3 | 0 | 3 | 28,047 | 170.0 | 3 | 0 | 3 | 28,047 | 170.0 | 3 | 0 | 3 | | | |
| | | T4R | 24,447 | 148.0 | 3 | 0 | 4 | 26,161 | 159.0 | 3 | 0 | 4 | 27,379 | 166.0 | 3 | 0 | 4 | 27,379 | 166.0 | 3 | 0 | 4 | | | |
| | | T4F | 23,612 | 143.0 | 3 | 0 | 4 | 25,268 | 153.0 | 3 | 0 | 4 | 26,445 | 160.0 | 3 | 0 | 4 | 26,445 | 160.0 | 3 | 0 | 4 | | | |
| | | T5 | 24,472 | 148.0 | 5 | 0 | 3 | 26,188 | 159.0 | 5 | 0 | 3 | 27,408 | 166.0 | 5 | 0 | 4 | 27,408 | 166.0 | 5 | 0 | 4 | | | |
| | | AFR | 24,779 | 150.0 | 3 | 0 | 3 | 26,517 | 161.0 | 3 | 0 | 3 | 27,752 | 168.0 | 3 | 0 | 3 | 27,752 | 168.0 | 3 | 0 | 3 | | | |

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## Optional Field Adjustable Performance Selector 'PS' *('PS' is only compatible with standard 0-10V drivers, not compatible w/ optional DALI drivers)*

The optional Performance Selector is an integral dial that allows for field adjustable lumen/wattage dimming control for added design versatility. Normal tolerance +/- 8%.

### 36A*

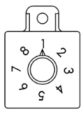
| PS Position | Lumen Output % | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Wattage (W) | | | | | | | | |
| 8 | 100% | 30 | 39 | 49 | 59 | 68 | 77 | 86 | 97 | 106 |
| 7 | 90% | 27 | 35 | 43 | 52 | 61 | 69 | 77 | 85 | 94 |
| 6 | 80% | 24 | 31 | 38 | 47 | 54 | 61 | 68 | 76 | 83 |
| 5 | 70% | 21 | 27 | 33 | 42 | 48 | 54 | 60 | 66 | 72 |
| 4 | 60% | 18 | 23 | 29 | 36 | 41 | 47 | 52 | 57 | 63 |
| 3 | 50% | 15 | 19 | 24 | 31 | 35 | 39 | 44 | 48 | 52 |
| 2 | 40% | 12 | 16 | 19 | 25 | 29 | 32 | 36 | 39 | 42 |
| 1 | 30% | 9 | 12 | 14 | 19 | 22 | 25 | 28 | 30 | 32 |

**For 80CRI option use an additional 0.91 lumen multiplier.*

### 72A*

| PS Position | Lumen Output % | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Wattage (W) | | | | | | | | | | |
| 8 | 100% | 74 | 83 | 92 | 101 | 109 | 117 | 126 | 135 | 144 | 155 | 165 |
| 7 | 90% | 66 | 74 | 82 | 89 | 100 | 107 | 115 | 123 | 131 | 140 | 147 |
| 6 | 80% | 59 | 66 | 73 | 79 | 88 | 95 | 102 | 110 | 116 | 123 | 130 |
| 5 | 70% | 52 | 58 | 64 | 70 | 78 | 84 | 90 | 96 | 102 | 107 | 114 |
| 4 | 60% | 45 | 50 | 55 | 60 | 68 | 73 | 78 | 83 | 88 | 93 | 98 |
| 3 | 50% | 38 | 43 | 46 | 50 | 57 | 61 | 65 | 70 | 74 | 78 | 83 |
| 2 | 40% | 31 | 35 | 38 | 41 | 47 | 50 | 53 | 57 | 60 | 63 | 66 |
| 1 | 30% | 24 | 27 | 29 | 31 | 36 | 39 | 41 | 44 | 46 | 48 | 51 |

**For 80CRI option use an additional 0.91 lumen multiplier.*



Optional Field Adjustable
Performance Selector 'PS' Dial

## VTSSA-36A IES TM-21 LED Lumen Maintenance *(*values italicized are per LM-80 data that is extrapolated beyond the TM-21 6X standard)*

Reported lumen maintenance life projections are based on 6X the duration of the LED's IES LM-80 tested performance data in accordance per IES TM-21 guidelines.

| | IES TM-21 LED Lumen Maintenance | | | | | |
|---|---|---|---|---|---|---|
| **5050LED Optics Performance Code P1 to P2** | **0 Hrs** | **25,000 Hrs** | **50,000 Hrs** | **60,000 Hrs** | ***75,000 Hrs** | ***100,000 Hrs** |
| **VTS 36A @ 25C ambient** | 100.00% | 98.60% | 97.89% | 97.61% | *97.19%* | *96.49%* |
| **VTS 36A @ 50C ambient** | 100.00% | 96.13% | 97.23% | 96.87% | *96.33%* | *95.45%* |

| | IES TM-21 LED Lumen Maintenance | | | | | |
|---|---|---|---|---|---|---|
| **5050LED Optics Performance Code P3 to P7** | **0 Hrs** | **25,000 Hrs** | **50,000 Hrs** | **60,000 Hrs** | ***75,000 Hrs** | ***100,000 Hrs** |
| **VTS 36A @ 25C ambient** | 100.00% | 96.65% | 94.23% | 93.27% | *91.86%* | *89.56%* |
| **VTS 36A @ 50C ambient** | 100.00% | 95.75% | 93.2% | 92.19% | *90.71%* | *88.29%* |

| | IES TM-21 LED Lumen Maintenance | | | | | |
|---|---|---|---|---|---|---|
| **5050LED Optics Performance Code P8 to P9** | **0 Hrs** | **25,000 Hrs** | **50,000 Hrs** | **60,000 Hrs** | ***75,000 Hrs** | ***100,000 Hrs** |
| **VTS 36A @ 25C ambient** | 100.00% | 95.85% | 93.43% | 92.47% | *91.06%* | *88.76%* |
| **VTS 36A @ 50C ambient** | 100.00% | 95.26% | 92.26% | 91.09% | *89.36%* | *86.54%* |

## VTSSA-72A IES TM-21 LED Lumen Maintenance *(*values italicized are per LM-80 data that is extrapolated beyond the TM-21 6X standard)*

Reported lumen maintenance life projections are based on 6X the duration of the LED's IES LM-80 tested performance data in accordance per IES TM-21 guidelines.

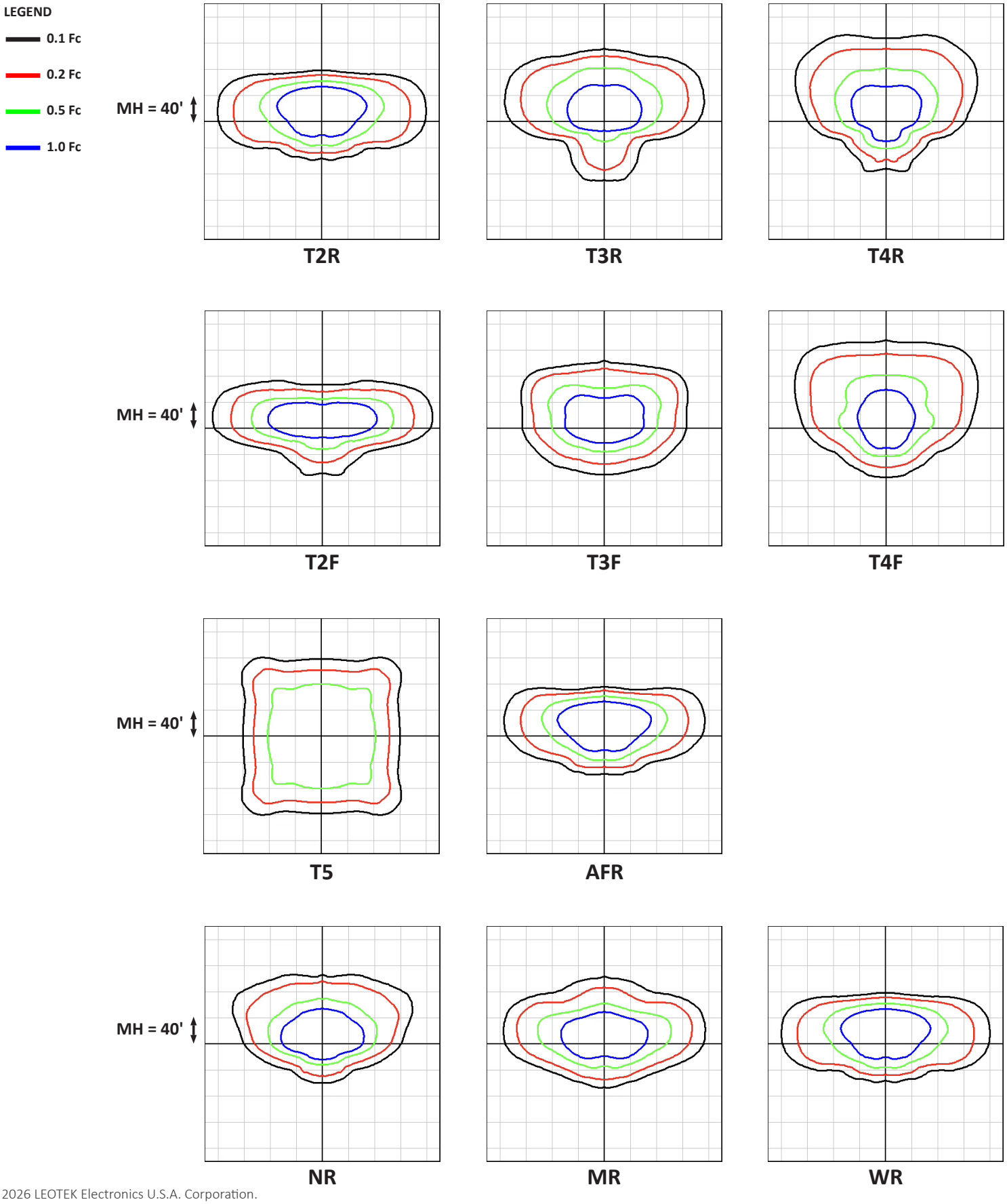
| | IES TM-21 LED Lumen Maintenance | | | | | |
|---|---|---|---|---|---|---|
| **5050LED Optics Performance Code P1 to P2** | **0 Hrs** | **25,000 Hrs** | **50,000 Hrs** | **60,000 Hrs** | ***75,000 Hrs** | ***100,000 Hrs** |
| **VTS 72A @ 25C ambient** | 100.00% | 98.60% | 97.89% | 97.61% | *97.19%* | *96.49%* |
| **VTS 72A @ 50C ambient** | 100.00% | 96.31% | 93.65% | 92.61% | *91.07%* | *88.56%* |

| | IES TM-21 LED Lumen Maintenance | | | | | |
|---|---|---|---|---|---|---|
| **5050LED Optics Performance Code P3 to P11** | **0 Hrs** | **25,000 Hrs** | **50,000 Hrs** | **60,000 Hrs** | ***75,000 Hrs** | ***100,000 Hrs** |
| **VTS 72A @ 25C ambient** | 100.00% | 96.65% | 94.23% | 93.27% | *91.86%* | *89.56%* |
| **VTS 72A @ 50C ambient** | 100.00% | 94.93% | 91.60% | 90.31% | *88.40%* | *85.30%* |

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## Optical Isofootcandle Plots *('72A P11' Performance Code, 4000K/5000K, 70CRI, 40' Mounting Height MH, Grid Scale = MH or 40' as shown)*

Complete non-shielded & shielded photometric IES files are available for download at www.LEOTEK.com or can be found in AGI32's Photometric Instabase.

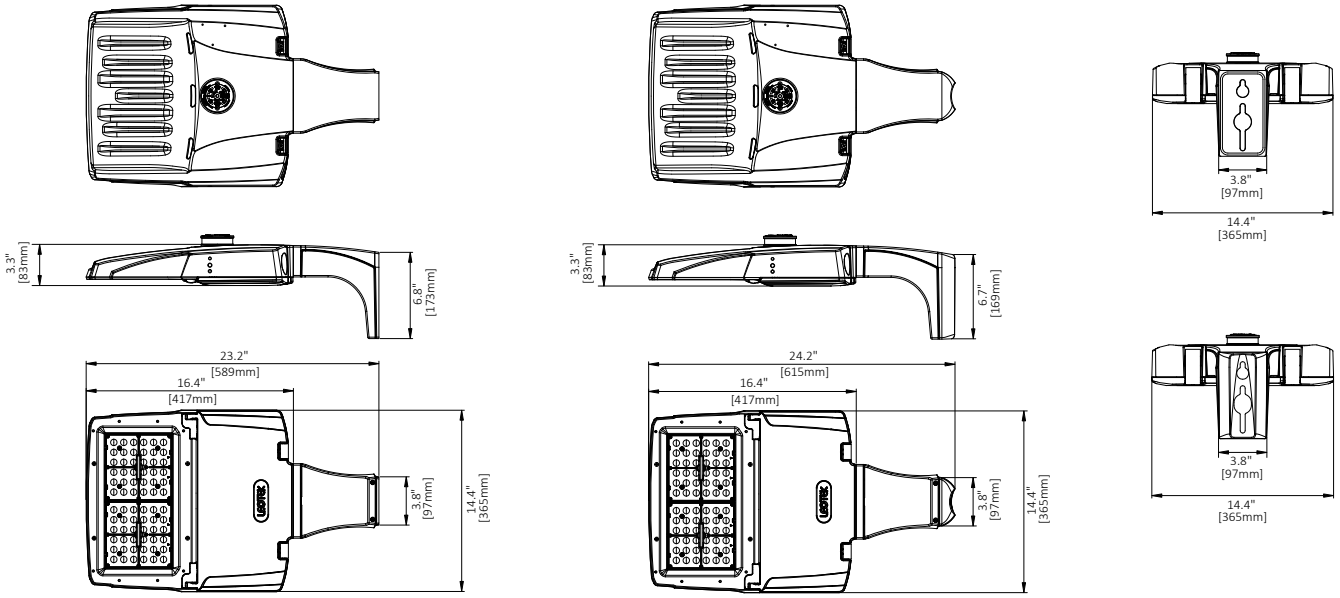



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# Mounting Option Details & Dimensional Information

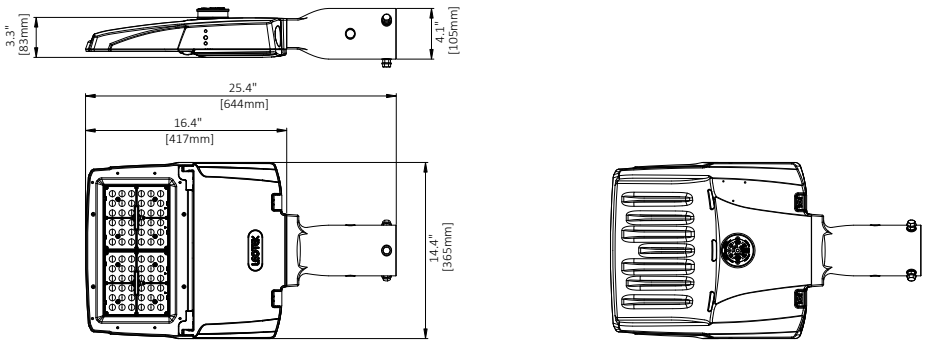
## 'SPM' Square & 'RPM' Round Pole Arm Mount*

(quick mount arm can retrofit up to 5.25" max. bolt spacing w/ no drilling required)




## 'MAF' Horizontal Mast Arm Fitter Mount*

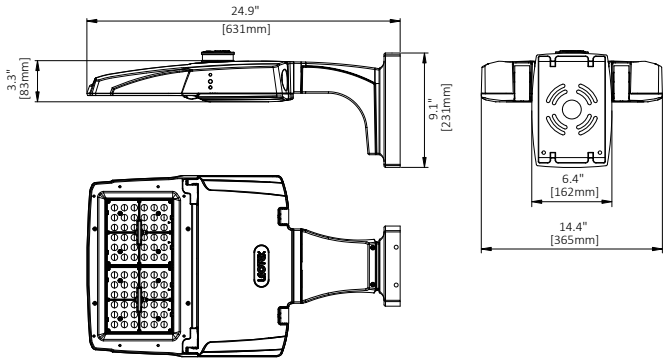
(3/8" stainless steel thru-bolt & nut is included)



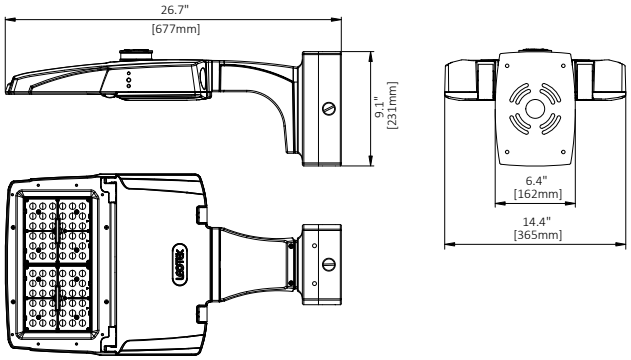

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## Mounting Option Details & Dimensional Information *(continued)*

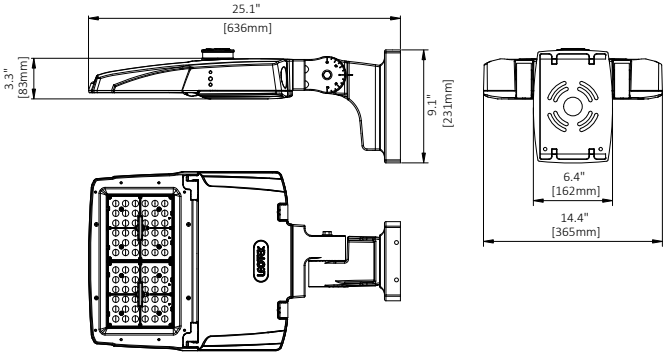
### 'WM' Wall Mount Fixed*
(mounts to recessed J-box, shown w/ optional 'PCR7CR')



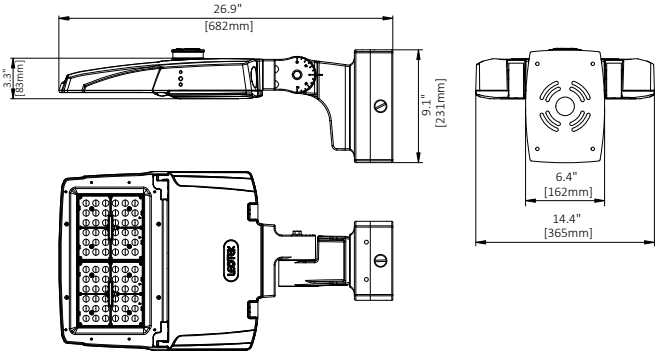

### 'WMSC' Wall Mount Fixed w/ Surface Conduit*
(includes surface mount 3/4" conduit J-box, shown w/ optional 'PCR7CR')



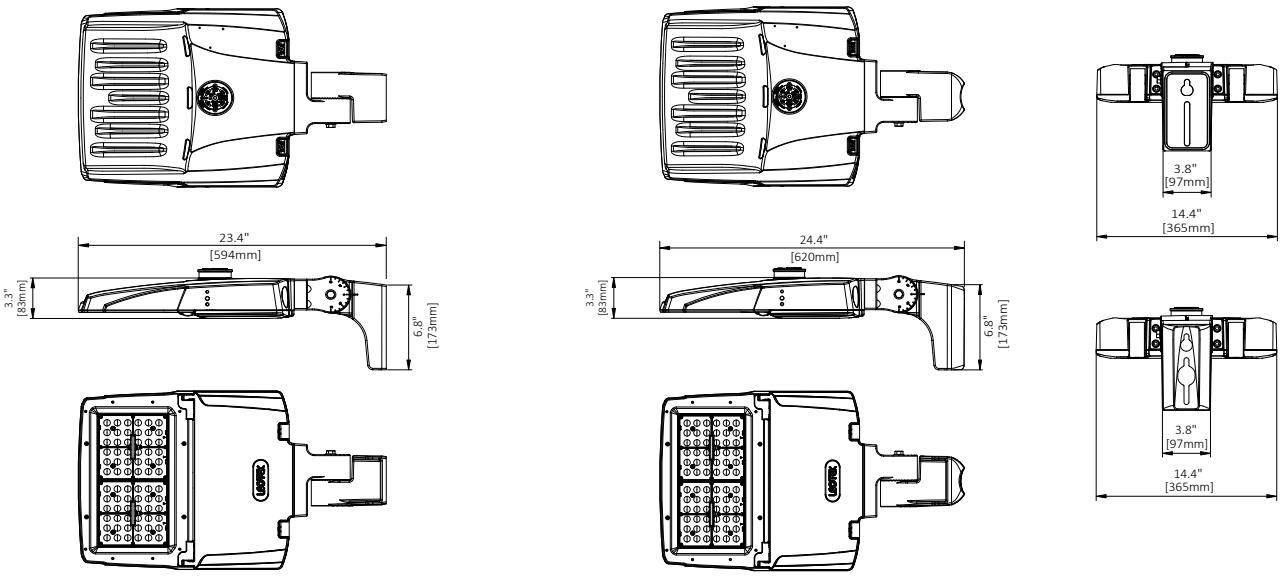

### 'AWM' Adjustable Wall Mount*
(mounts to recessed J-box, shown w/ optional 'PCR7CR')




### 'AWMSC' Adjustable Wall Mount Surface Conduit*
(includes surface mount 3/4" conduit J-box, shown w/ optional 'PCR7CR')




### 'ASPM' Square & 'ARPM' Adjustable Round Pole Arm Mount*
(quick mount arm can retrofit up to 5.25" max. bolt spacing w/ no drilling required)



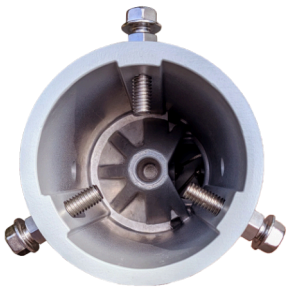

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## Key Additional Miscellaneous Product Features & Design Details

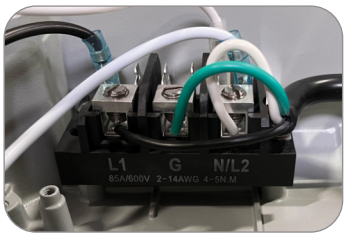
### Integral Tool-Free Access Design
Tool-free electrical access & removable hinged door w/ fixed open door prop design for ease of installation or maintenance
(compatible w/ most lineman safety gloves)



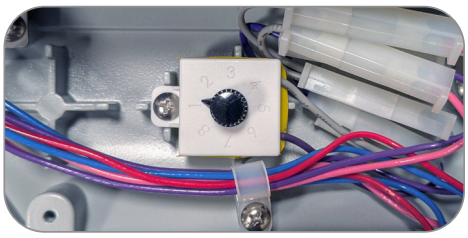
### Self-Centering Design
Mast arm fitter options are designed with a self-centering & leveling design feature
(compatible w/ 1-5/8", 2-3/8" & 3" O.D. tenons)



### 3-Position Terminal Block 'TB' Option
For ease of maintenance & increased safety, improved wire management & robust product life cycle operation
(includes line, neutral & ground, accommodates 6 to 16AWG wire)




### Performance Selector 'PS' Option
Allows for quick & easy field adjustment of wattage, lumen output and reduced SKU complexity
(fixed position dial ensures correct output setting)



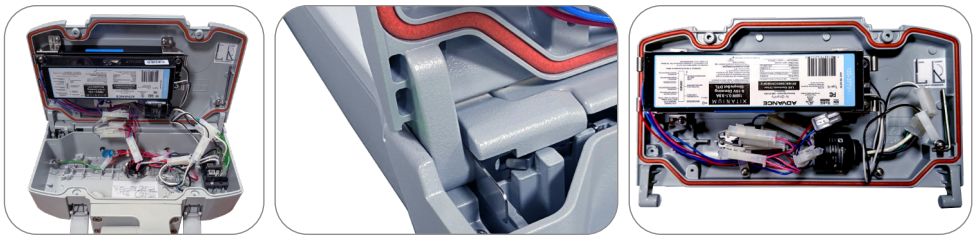
### Integral VersaKick
VersaKick 'kickstand' props open the door during installation or maintenance
(allows for 'frustration free' ease of access)



### Pass-Thru Convective Cooling
(3) integral cooling slots allows ambient air to flow freely thru the luminaire for enhanced thermal management
(maximizes lifetime of electrical components & lumen maintenance)



### Tool-Free Removable Power Door Option 'PWRD'
All serviceable electrical components are mounted to a tool-free removable Power Door that can be removed in less than 15 seconds to safely service on the ground or replace in seconds
(undo MOLEX connectors, push two spring clips inward to unlock door, slide the door forward & lift to remove)



**'4SS-VTS'**
4-Sided Shield



**'TBS-VTS'**
Top or Bottom Shield



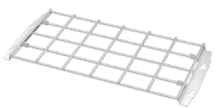
**'LRS-VTS'**
Left or Right Side Shield



**'BDS-VTS'**
Barn Door Shield



**'WG-VTS'**
Wire Guard



**'VS-VTS'**
Poly Vandal Shield



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## LEOLink ILS™ Intelligent Lighting System for Tomorrow's Smart & Sustainable Cities

### Smart...Scalable...Effortless

LEOLink ILS is the next evolution in street lighting, integrating AI and IoT to transform a city's traditional outdoor lighting infrastructure into a smart, adaptive network. It empowers municipalities and utilities with real-time control, predictive maintenance, and rapid scalability, all with unmatched simplicity.

Integrating LEOTEK's AI-driven centralized management platform (LEOLink RenAI) with intelligent streetlight controllers, LEOLink ILS provides 24x7 visibility into the status and performance of streetlights enabling efficient energy use, real-time fault detection, and predictive maintenance across city-wide lighting networks. Easy "plug-and-play" deployment and scalability support users in achieving operational excellence, public safety, and long-term sustainability. With LEOLink ILS, cities are creating the backbone of a future-ready smart city.

## Key Functions

### Centralized, Remote Management

Gain complete control of your city's smart lighting infrastructure from a single, intuitive platform.

### Instant Response to Anomalies

Automatically identify and respond to abnormal lighting behavior in real-time.

### AI-Powered Predictive Maintenance

Detect and address faults before they occur, minimizing downtime and maintenance costs.

### Actionable Insights Through Data Visualization

Monitor asset performance and energy trends with clear, interactive dashboards and reports.

### Energy Efficiency & Cost Savings

Optimize energy usage with intelligent scheduling and dimming, reducing operational expenses.

## LEOLink Controllers Key Features & Benefits

The smartest fit for 7-PIN NEMA fixtures. Engineered to deliver seamless performance, trusted security, and plug-and-play simplicity, all in one powerful, next-generation controller.



*LEOLink 'NB01P05/10' Smart Controller

### Self-Monitoring & Fault Detection

Controllers continuously monitor the luminaire's operational status, identifying power outages, failures, and abnormal energy patterns for fast diagnostics and improved maintenance efficiency.

### AI-Driven Adaptive Dimming

Participates with LEOLink RenAI to enable intelligent dimming strategies, including human-centric lighting adjustments based on real-time traffic, weather, and pedestrian activity.

### Ultra-High Connectivity

Dual-mode cellular communication using the world's most reliable and secure carriers ensures a 99.5% connection success rate, delivering reliable continuous data transmission even in challenging environments.

### Predictive Maintenance & Analytics

Advanced failure analysis and predictive diagnostics move cities from reactive to preventative maintenance strategies that reduce downtime and operational costs.

### Built-In Surge Protection

Advanced surge protection against lightning and voltage spikes safeguards critical streetlight infrastructure.

## LEOLink RenAI Central Management System Key Features & Benefits

RenAI is an AI-powered, cloud-based Central Management System (CMS) that turns streetlighting into a dynamic, adaptive, and self-optimizing network. Using a native AI foundation, it analyzes both real-time and historical data—surpassing traditional CMS capabilities—to address the complex needs of modern roadway infrastructure. The result: improved energy efficiency, reduced operational costs, and enhanced public safety for utilities and municipalities.




### LiSA (LEOTEK intelligent Service Advisor)

LiSA, our AI-powered assistant, is available 24/7 to streamline operations, quickly answering questions, generating charts and tables, and assisting with troubleshooting to lighten your team's workload.

### Fault Detection & Notification

Monitor streetlight health and status in real time to detect and receive instant fault alerts.

### Asset Management

Collect and track roadway infrastructure asset information such as streetlight fixtures, poles and controllers to drive operational efficiencies from field maintenance to life cycle management.

### Energy Consumption Management

Track usage, identify trends, and forecast energy needs for optimal efficiency.

### Data Analysis & Reporting

Access historical insights, visualize data, and generate reports for informed decision-making.

### Remote Control

Remotely switch lights ON/OFF and adjust brightness via an intuitive user interface.

### Scheduled Dimming

Automatically adjusts brightness levels based on ambient light and pre-set schedules.

## LEOLink Intelligent Lighting System (ILS) Ordering Information* *(*add to end of luminaire catalog number to ship controller with the luminaire)*

Sample Catalog No. Luminaire w/ Controller: VTSSA-36A-MV-30K7-T5-GY-CF-P9-SPM-PCR7CR-TB-WL1-PWRD-**NB01P10-R10-D10** *(controllers will ship included with the luminaire)*

Sample Catalog No. for Controller Only: **NB01P05-R05-D05** *(controllers will ship separately from the luminaire)*

| LEOLink Smart Controllers | | RenAI CMS Subscription | | Network Data Plan | |
|---|---|---|---|---|---|
| **NB01P05**[1] | LEOLink 7-PIN Controller, 5YR Warranty (120-277V) | **R01** | RenAI, One Year SaaS Subscription | **D01** | Data Plan, One Year Subscription |
| **NB01P10**[1] | LEOLink 7-PIN Controller, 10YR Warranty (120-277V) | **R05** | RenAI, Five Year SaaS Subscription | **D05** | Data Plan, Five Year Subscription |
| | | **R10** | RenAI, Ten Year SaaS Subscription | **D10** | Data Plan, Ten Year Subscription |
| | | **R00**[2] | RenAI, No SaaS Subscription | **D00**[2] | Data Plan, No Subscription |

1. For each controller, a RenAI CMS Subscription 'RXX' and Network Data Plan 'DXX' is required. Please refer to the LEOLink ILS specification sheets and ordering guide for compelete ordering and specification details.
2. 'R00' and 'D00' options require prior approval from LEOTEK. Please contact factory for details.

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## Motion Sensor (Optional) Specifications*

Integral motion sensor options are available for horizontal site & area and fixed wall mounting options only.

'MSL3', 'MSL7' motion sensors require secondary controls for ON/OFF capability *(ex. time clock or 0-10V by others)*. Contact factory for Motion Sensor availability w/ 'PCR7CR' control ready receptacle for use with wireless 7-PIN control node *(by others)*.

'MSL3P', 'MSL7P' motion sensors, luminaire includes a PCR7 photocontrol receptacle for use with a twist lock photocontrol for ON/OFF capability.
*(for use with our 'LLPC' or photocontrol by others, PINs 6 &7 are not wired for controls, not compatible w/ wireless nodes)*.

### Description

Digital passive infrared luminaire integrated outdoor occupancy sensor provides high/low/off control based on motion detection. Initial setup and subsequent sensor adjustments are made using a handheld configuration tool. PCR option is required for On/Off control using light detection. Available with both MV or HV input voltage options.

### Operation

Standard factory setting will dim the luminaire to 50% until motion is sensed and then it will power to 100%. When motion is not detected for five minutes, the luminaire will dim back to 50%. Ramp up and fade down times are adjustable, but initially set to NONE. The percent dimming and time durations may be field adjusted as required using FSIR-100 configuration tool. FSIR-100 user guide available at: www.wattstopper.com.

### Optical System

Multi-cell, multi-tier Fresnel lens with a 360 degree view detects unobstructed motion within one mounting height, up to 20 ft. maximum (MSL3) or 40 ft. maximum (MSL7). Consult factory for higher mounting height requirements.

### Finish

Sensor exterior ring and lens are white polycarbonate, UV and impact resistant.

### Listings/Ratings

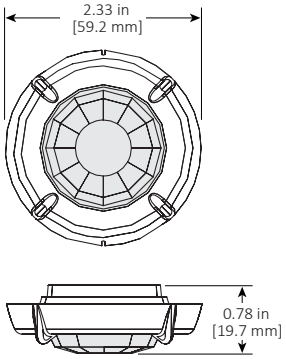
Sensor is TUV, UL and cUL listed, IP66 rated and CE compliant.

### Warranty

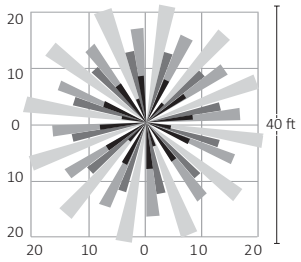
5-year limited warranty on luminaires and components with a motion sensor.

## Motion Sensor (Optional) Data

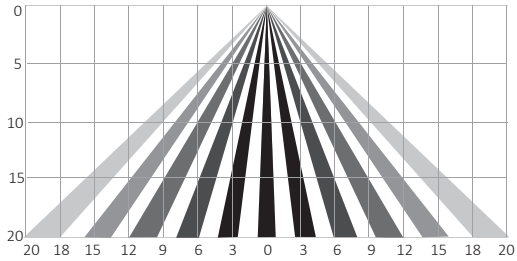
### MSL3 Lens Dimensions



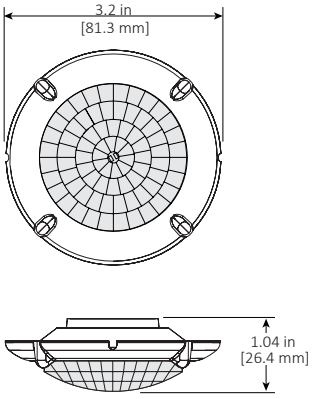

MSL3 Lens Coverage Top View



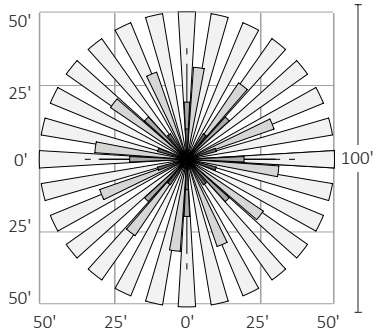

MSL3 Lens Coverage Side View



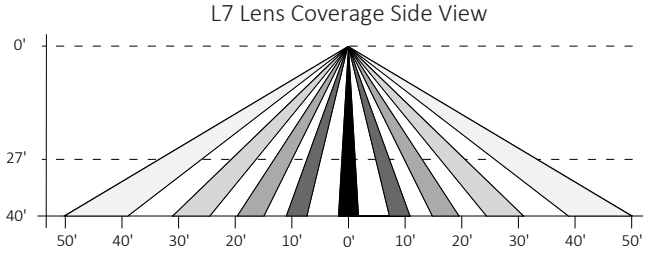

### MSL7 Lens Dimensions




L7 Lens Coverage Top View




L7 Lens Coverage Side View




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## Part-Night Dimming Specifications

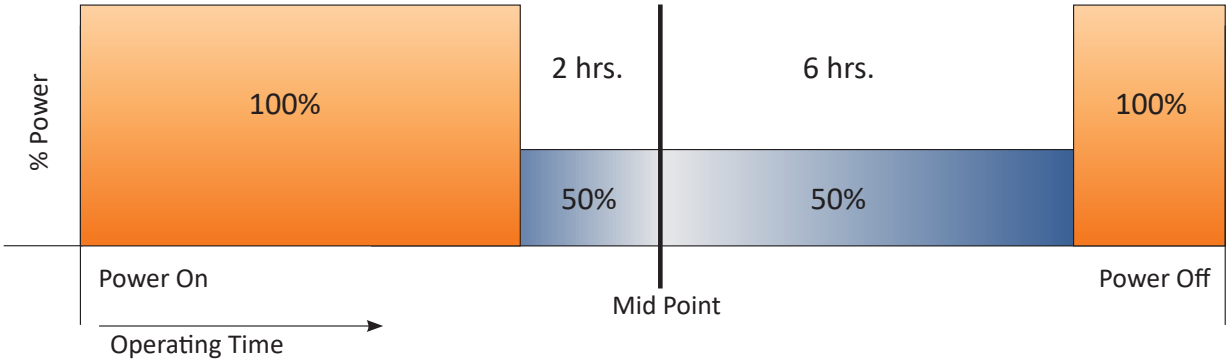
### Description

Part-Night Dimming (PND) option enables significant energy savings by automatically dimming the luminaire during early morning hours when infrequent use is expected. Factory programmed dimming profiles automatically take into account seasonal changes based on geographical location by continuously monitoring the nighttime midpoint. PND does not provide power on/off control which is provided by external controls (example: time clock or a photocontrol using 'PCR7CR' option). Dimming profile of PND option is not field adjustable.

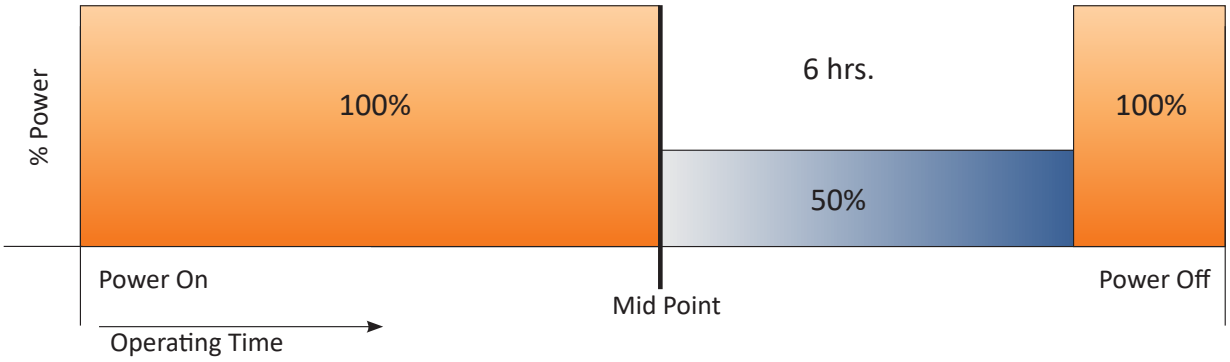
### Operation

Based on the PND profile that is selected, the luminaire dims to the corresponding % power for the corresponding length of time (based on the nighttime mid-point) as shown below. Mid-point is continuously recalculated in the luminaire by monitoring the average length of time between when the light turns on (power on) and turns off (power off) over the previous two days. In effect, this functionality will take two days to initialize after installation before any dimming will occur. Power interruptions are ignored and do not affect the determination of mid-point. A motion sensor ('MSL3', 'MSL7' or 'MSL3P', 'MSL7P') can be used with PND to temporarily override the dimming profile when motion is detected. Three factory programmed PND profiles are available for selection:

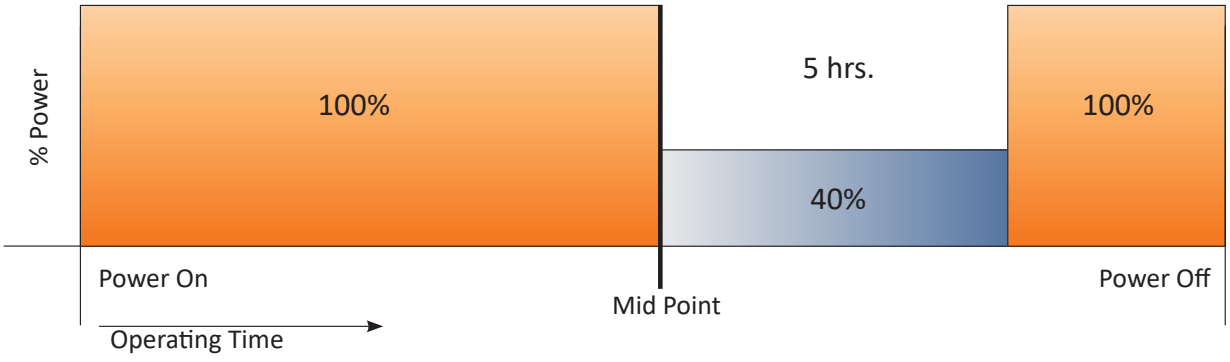
**PND1**




**PND2**




**PND3**




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## VersaTEK Small LED Site & Area - Luminaire EPA Values

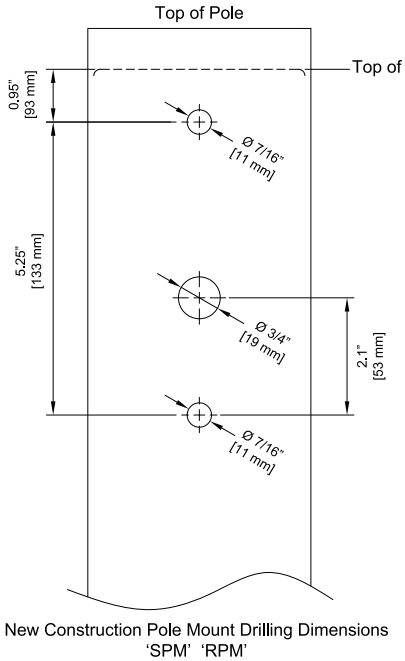
*(*Includes luminaire and mounting options shown. Secondary tenons, brackets or other accessories are not included in the EPA data.)*

| Luminaire Quantity & Orientation | | Effective Projected Area (EPA ft²) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Single | 2 @ 90 | 2 @ 180 | 3 @ 90 | 3 @ 120 | 4 @ 90 | 2 Side by Side | 3 Side by Side | 4 Side by Side |
| **Mounting Option** | **Tilt** |  |  |  |  |  |  |  |  |  |
| **ASPM & ARPM** Adjustable Square & Round Pole Arm Mount | 0° | 0.72 | 1.25 | 1.44 | 1.97 | 1.94 | 1.97 | 1.05 | 1.58 | 2.11 |
| | 10° | 0.72 | 1.38 | 1.44 | 2.10 | 2.18 | 2.10 | 1.33 | 1.99 | 2.66 |
| | 20° | 0.94 | 1.66 | 1.44 | 2.38 | 2.68 | 2.38 | 1.88 | 2.81 | 3.75 |
| | 30° | 1.23 | 1.95 | 1.44 | 2.67 | 3.25 | 2.67 | 2.47 | 3.70 | 4.93 |
| | 40° | 1.50 | 2.22 | 1.50 | 2.94 | 3.78 | 2.94 | 3.00 | 4.51 | 6.01 |
| | 45° | 1.62 | 2.34 | 1.62 | 3.06 | 4.02 | 3.06 | 3.25 | 4.87 | 6.49 |
| | 50° | 1.73 | 2.45 | 1.73 | 3.17 | 4.24 | 3.17 | 3.47 | 5.20 | 6.93 |
| | 60° | 1.92 | 2.64 | 1.92 | 3.36 | 4.62 | 3.36 | 3.84 | 5.76 | 7.68 |
| | 70° | 2.05 | 2.77 | 2.05 | 3.49 | 4.90 | 3.49 | 4.11 | 6.16 | 8.22 |
| | 80° | 2.15 | 2.86 | 2.15 | 3.58 | 5.09 | 3.58 | 4.29 | 6.44 | 8.58 |
| | 90° | 2.18 | 2.90 | 2.18 | 3.62 | 5.17 | 3.62 | 4.35 | 6.53 | 8.71 |

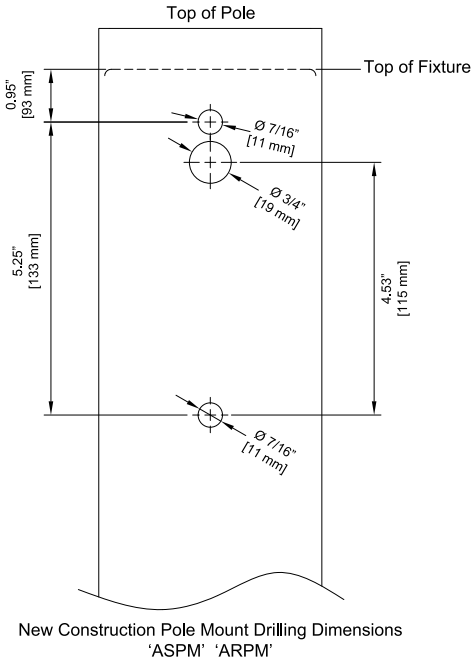
| Luminaire Quantity & Orientation | | Effective Projected Area (EPA ft²) | | | | | |
|---|---|---|---|---|---|---|---|
| | | Single | 2 @ 90 | 2 @ 180 | 3 @ 90 | 3 @ 120 | 4 @ 90 |
| **Mounting Option** | **Tilt** |  |  |  |  |  |  |
| **SPM & RPM** Sq. & Rd. Pole Arm | 0° | 0.69 | 1.22 | 1.38 | 1.90 | 1.90 | 1.90 |
| **MAF** Mast Arm Fitter | 0° | 0.81 | 1.20 | 1.62 | 2.01 | 1.79 | 2.01 |

## Fixed & Adjustable Square & Round Pole Arm Mount Drilling Dimensions for New Construction

*(for additional details, please consult online installation instructions)*




New Construction Pole Mount Drilling Dimensions
'SPM' 'RPM'




New Construction Pole Mount Drilling Dimensions
'ASPM' 'ARPM'

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