

THE COMMONS AT MCW

Wauwatosa, Wisconsin

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DESIGN REVIEW BOARD SUBMISSION



251101 DECEMBER 9, 2025

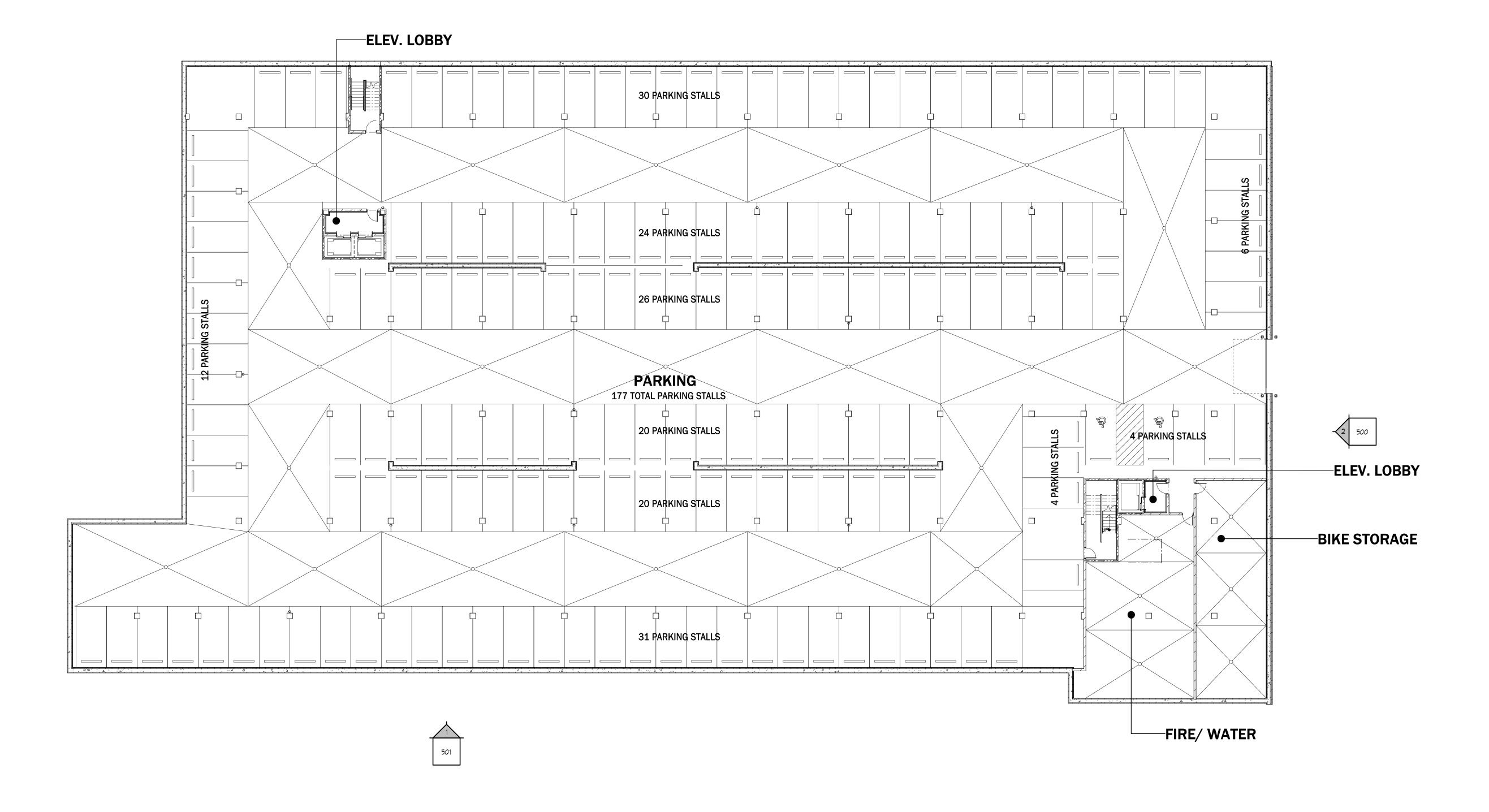


Wauwatosa, Wisconsin | Renderings are artists representations shown for illustration purposes only

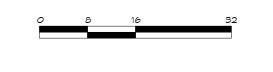
THE COMMONS AT MCW | NORTHWEST CORNER





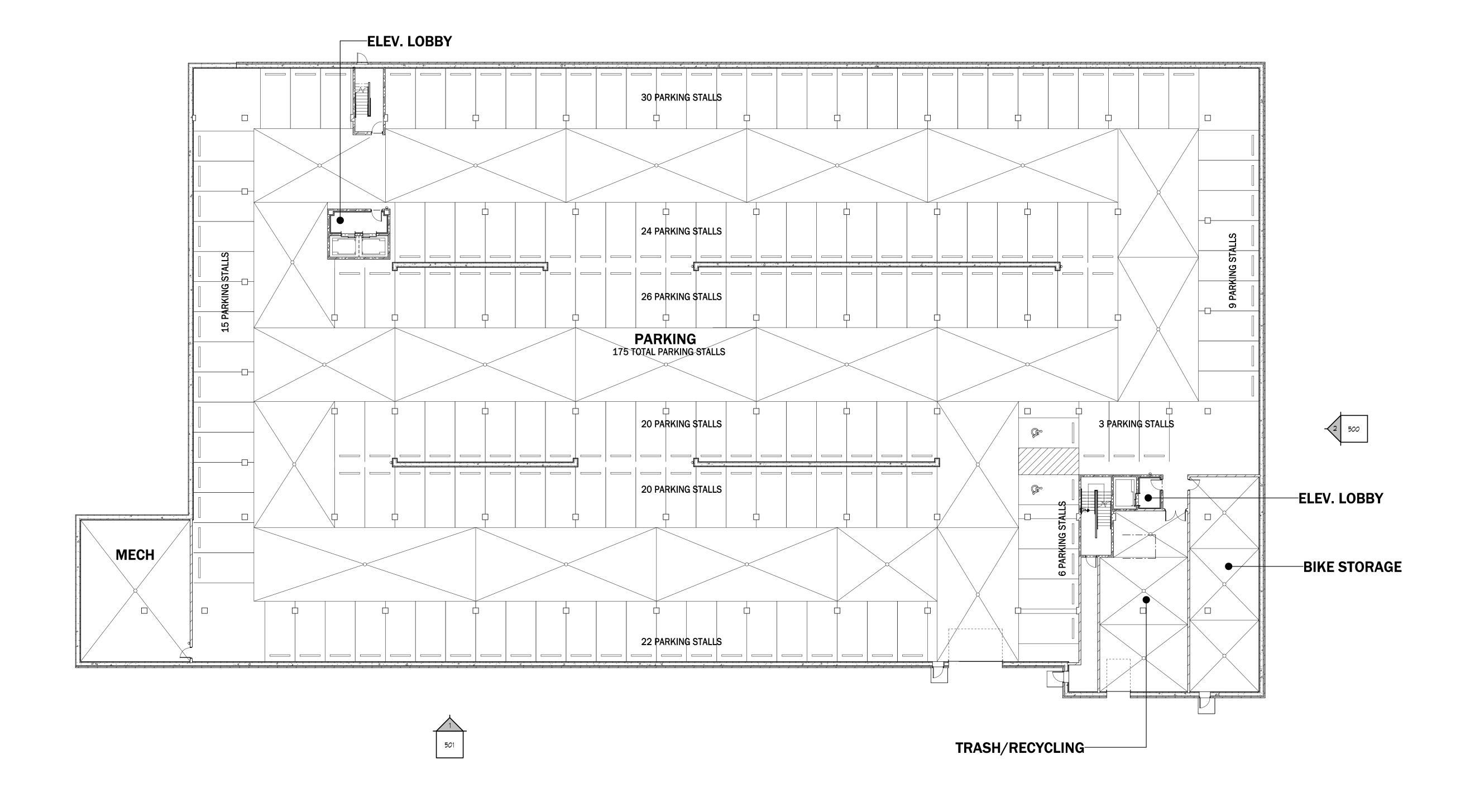






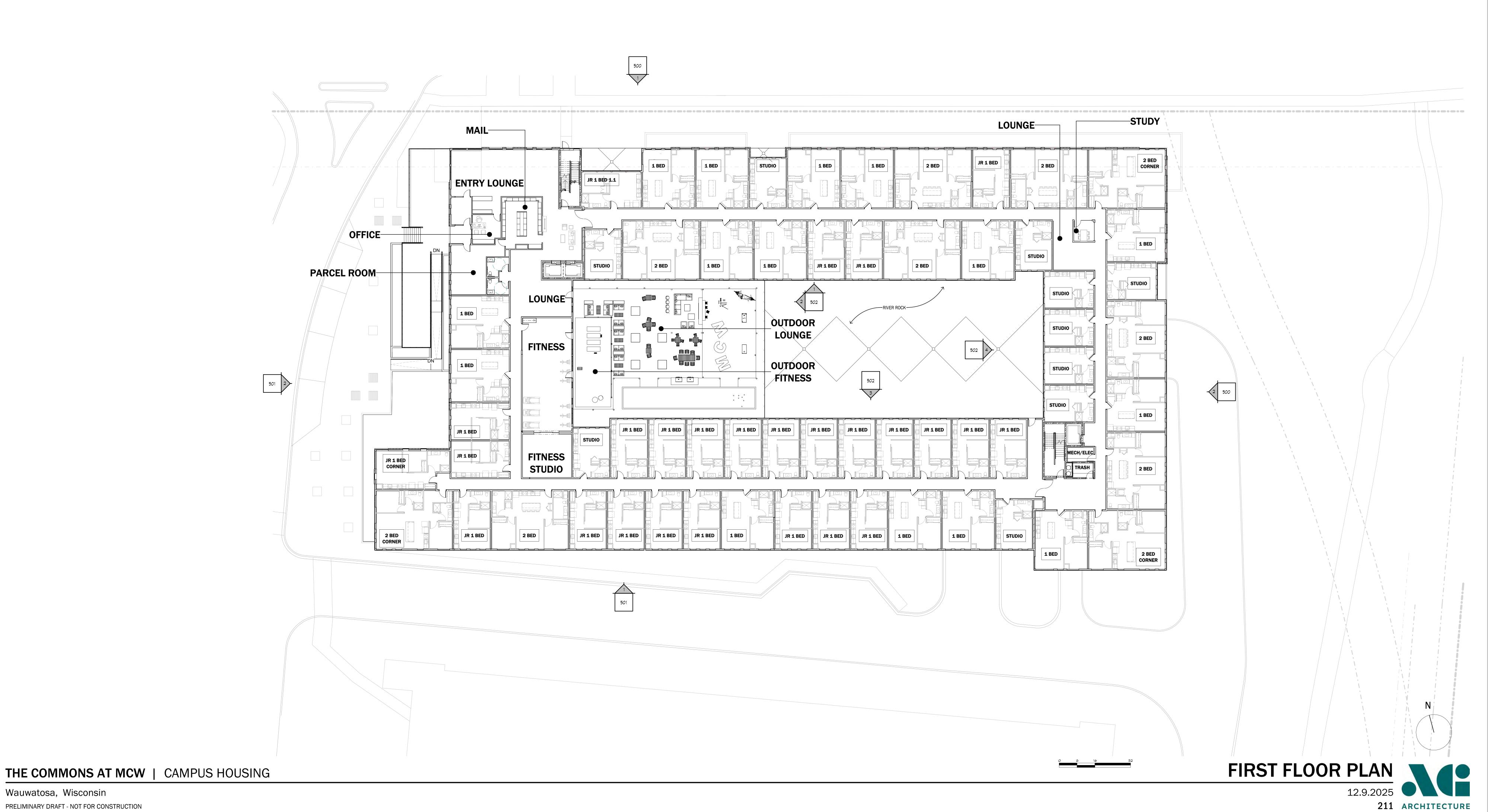




















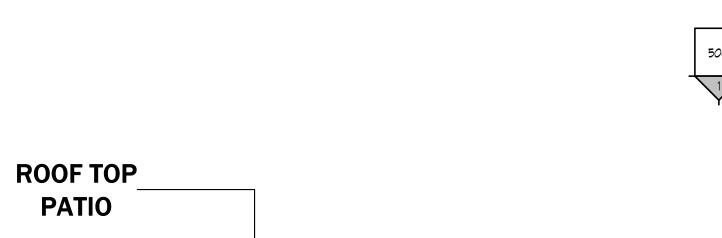




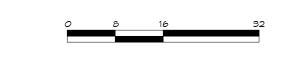




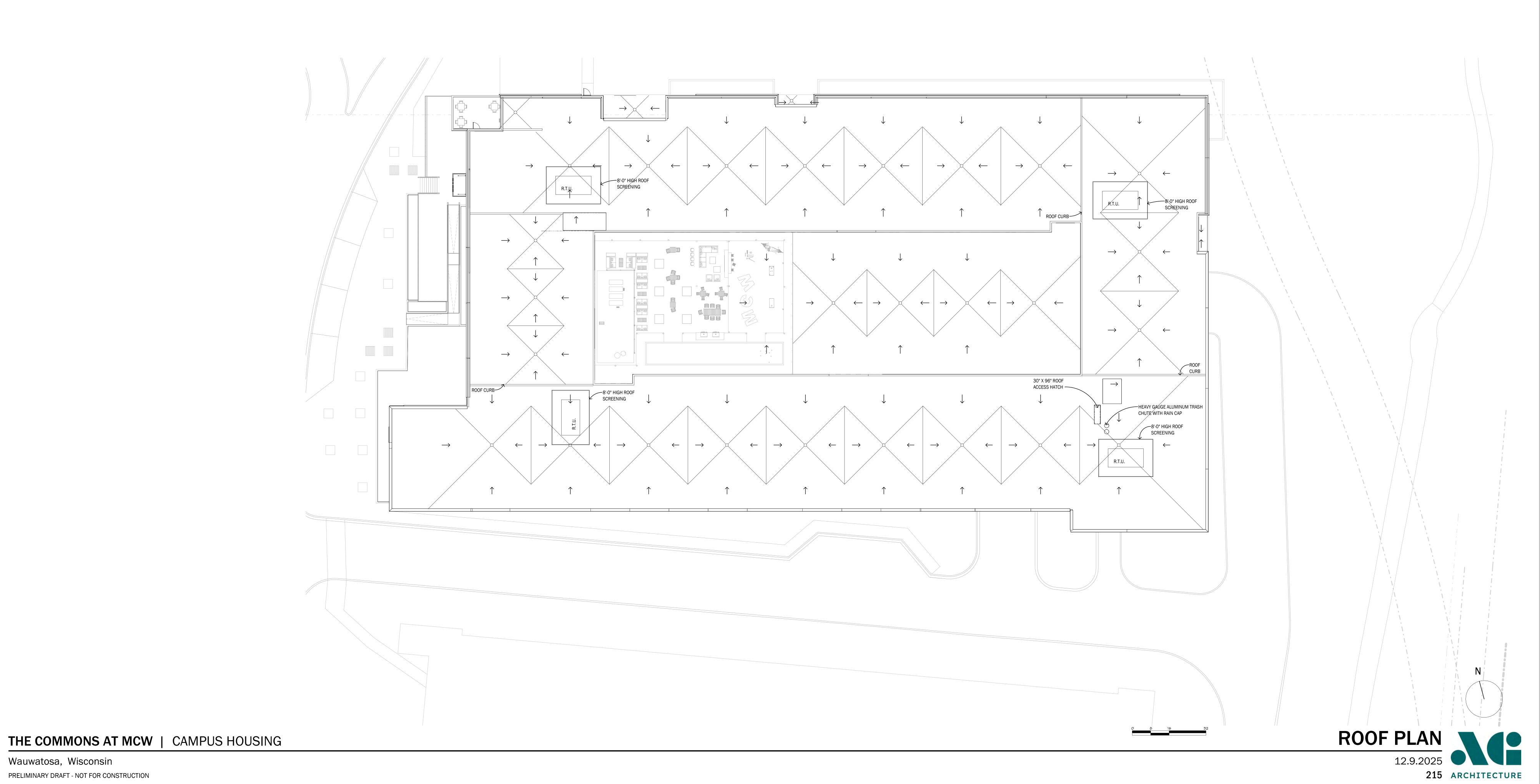














EXTERIOR ELEVATION GENERAL NOTES

1. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUTS WHICH SPILL ONTO GRADE OR ROOFS.

2. ALL CONDUIT, METERS, VENTS, ETC. TO BE PAINTED TO MATCH ADJACENT SURFACE.

3. GUTTERS AND DOWNSPOUTS ARE PREFINISHED ALUMINUM.

4. SEE SHEET AT401 FOR WINDOW AND STOREFRONT SCHEDULES.

B BRICK

BB BURNISHED BLOCK CMP COMPOSITE METAL PANEL

F2 FIBER CEMENT SIDING WITH 5" LAP - COBBLESTONE

FP1 FIBER CEMENT PANEL - KHAKI BROWN

EXTERIOR ELEVATION KEY NOTES:

FP2 FIBER CEMENT PANEL - COBBLESTONE

FP3 FIBER CEMENT PANEL - RICH ESPRESSO

W FIBER CEMENT PANEL - WOOD LOOK

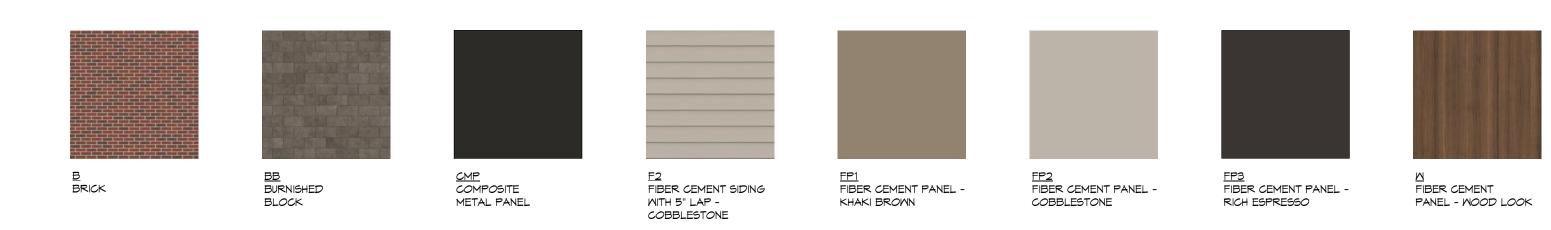






NORTH ELEVATION

THE COMMONS AT MCW | CAMPUS HOUSING



EXTERIOR ELEVATION GENERAL NOTES

1. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUTS WHICH SPILL ONTO GRADE OR ROOFS.

2. ALL CONDUIT, METERS, VENTS, ETC. TO BE PAINTED TO MATCH ADJACENT SURFACE.

3. GUTTERS AND DOWNSPOUTS ARE PREFINISHED ALUMINUM. 4. SEE SHEET AT401 FOR WINDOW AND STOREFRONT SCHEDULES.

EXTERIOR ELEVATION KEY NOTES:

B BRICK

BB BURNISHED BLOCK

CMP COMPOSITE METAL PANEL

F2 FIBER CEMENT SIDING WITH 5" LAP - COBBLESTONE

FP1 FIBER CEMENT PANEL - KHAKI BROWN

FP2 FIBER CEMENT PANEL - COBBLESTONE

FP3 FIBER CEMENT PANEL - RICH ESPRESSO

W FIBER CEMENT PANEL - WOOD LOOK





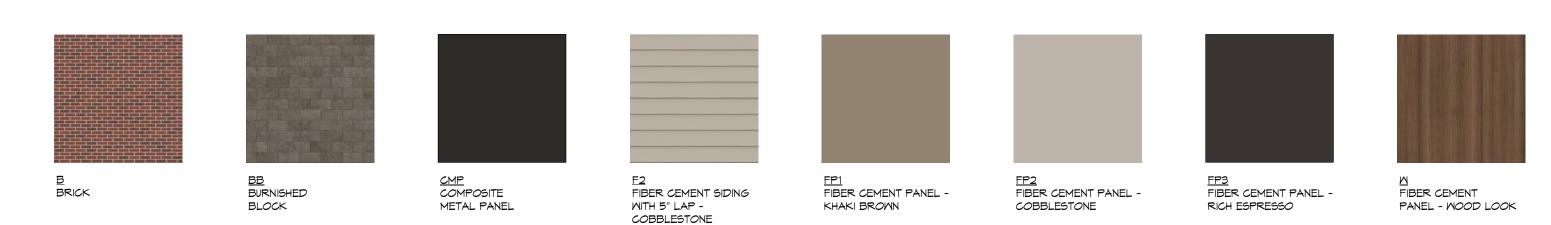


SOUTH ELEVATION

1
501

THE COMMONS AT MCW | CAMPUS HOUSING

EXTERIOR ELEVATIONS



EXTERIOR ELEVATION GENERAL NOTES

1. PROVIDE CONCRETE SPLASH BLOCKS AT ALL DOWNSPOUTS WHICH SPILL ONTO GRADE OR ROOFS.

2. ALL CONDUIT, METERS, VENTS, ETC. TO BE PAINTED TO MATCH ADJACENT SURFACE.

3. GUTTERS AND DOWNSPOUTS ARE PREFINISHED ALUMINUM.

4. SEE SHEET AT401 FOR WINDOW AND STOREFRONT SCHEDULES.

B BRICK

BB BURNISHED BLOCK

CMP COMPOSITE METAL PANEL

F2 FIBER CEMENT SIDING WITH 5" LAP - COBBLESTONE

FP1 FIBER CEMENT PANEL - KHAKI BROWN

EXTERIOR ELEVATION KEY NOTES:

FP2 FIBER CEMENT PANEL - COBBLESTONE

FP3 FIBER CEMENT PANEL - RICH ESPRESSO

W FIBER CEMENT PANEL - WOOD LOOK



▲ COURTYARD ELEVATION - EAST



COURTYARD ELEVATION - SOUTH





COURTYARD ELEVATION - NORTH

| 1 | | 502 |



Wauwatosa, Wisconsin | renderings are artists representations shown for illustration purposes only











THE COMMONS AT MCW | COURTYARD





THE COMMONS AT MCW | COURTYARD





FIBER CEMENT PANEL

SMOOTH | COBBLESTONE

FIBER CEMENT PANEL

SMOOTH | RICH ESPRESSO



FIBER CEMENT PANEL

SMOOTH | WOOD LOOK



FIBER CEMENT PANEL

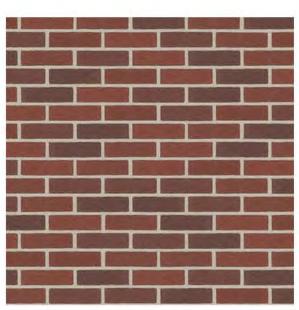
SMOOTH | KHAKI BROWN



SMOOTH | BLACK



SMOOTH | COBBLESTONE



UTILITY | VALLEY BLEND



BLOCK
BURNISHED BLOCK





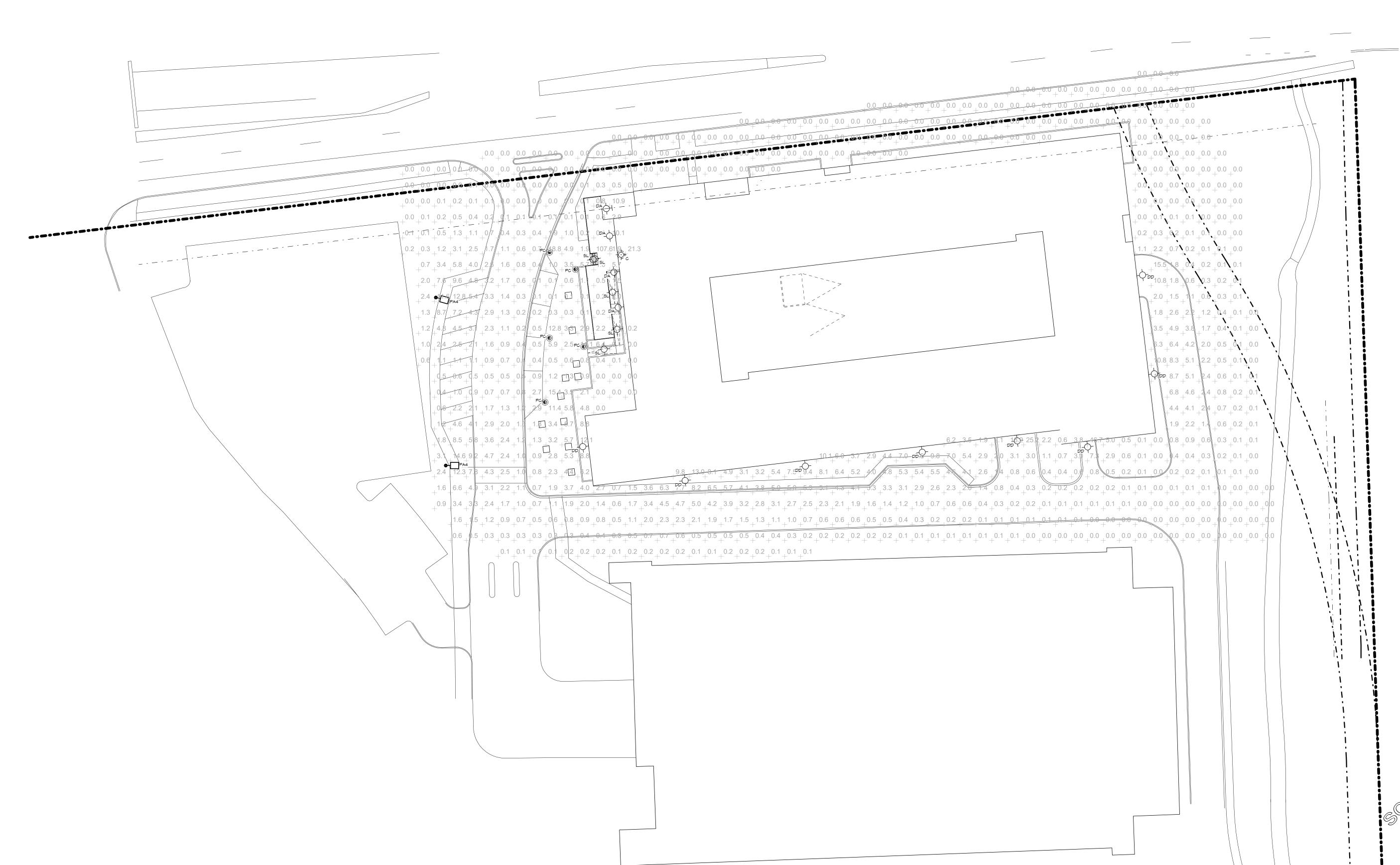
RECESSED DOWNLIGHT

POLE MOUNTED LIGHT FIXTURE

- WALL MOUNTED LIGHT FIXTURE

© BOLLARD

| | LIGHT FIXTURE SCHEDULE | | | | | |
|----------|------------------------|--------|----------------------------|--|-------------------|--|
| YPE MARK | WATTAGE | LUMENS | CATALOG NUMBER | DESCRIPTION | MOUNTING | |
| С | 20 | 2000 | HC620D010-HM60525940-61WDH | 6" RECESSED DOWNLIGHT | CEILING | |
| DA | 16 | 1490 | 7075-12-TW-H08-40K | 12"W x 5"H x 2.5"E BRICK-OD SCONCE | WALL @ 7' AFF | |
| DD | 51 | 5400 | W34-55L | 14"W x 9"H x 4"E WALL PAK | WALL @ 7' AFF | |
| PC | 28 | 2232 | DSXB LED 16C 530 40K SYM | 8" DIA x 42"H SYMMETRIC BOLLARD | 12" CONCRETE BASE | |
| PA4 | 111 | 15862 | RSX2 LED P2 40K R3 | AREA LUMINAIRE - TYPE 4 WALL MOUNTED | WALL @ 15' AFF | |
| PW3 | 111 | 15657 | RSX2 LED P2 40K R4 | AREA LUMINAIRE - TYPE 3 13' POLE ON 24" CONTRETE BASE | 24" CONCRETE BASE | |
| SL | 5 | 196 | SLED5 | 5"H x 5"W x 3"E STEP LIGHT | WALL @ 1' AFF | |



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DATE

| Project | Catalog # | Туре | |
|-------------|-----------|------|--|
| Prepared by | Notes | Date | |



HALO Commercial

HC6 | HM6 | 61 | 61PS

6-inch LED downlight and wall wash

Typical Applications

Office • Healthcare • Hospitality • Institutional • Mixed-Use/Retail















- Connected Systems page 10
- Connected Systems pag

• Order Information page 2

Product Warranty

Top Product Features

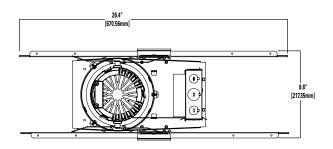
Interactive Menu

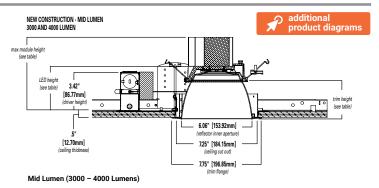
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• Energy & Performance Data page 8

- New construction/remodel series; 500 to 6,000 lumens
- Narrow, Medium and Wide distributions; Wall wash with rotatable linear spread lens
- 2700K, 3000K, 3500K, 4000K, 5000K CCT; 80 or 90 CRI
- Universal voltage 120V-277V; Standard 0-10V driver dims to 1%
- · Mounting frame converts to remodel that installs from below the ceiling
- · Quick Spec emergency backup mounting frames fast delivery option

Dimensional and Mounting Details





| Distribution | Max. Module Height | Trim Height | LED Height |
|--------------|-----------------------|-------------|------------|
| Narrow | 6.6" | 3.4" | 3.8" |
| Medium | 6.7" | 3.5" | 3.9" |
| Wide | 6.5" | 3.3" | 3.7" |
| Baffle | 6.5" | 3.3" | 3.7" |



Mounting Frame Order Information

Sample Number: HC620D010REM7 - HM60525835 - 61MDC

A complete luminaire consists of a housing frame, LED module, and reflector (ordered separately)

| Mounting Frame | Lumens | Driver Options | Factory Installed Emergency & Connected Lighting Options | Accessories (Order & Install Separately) |
|--|--|---|---|---|
| HC6 = 6" new construction downlight housing HC6CP = 6" new construction housing, Chicago Plenum - CCEA compliant | 05 = 500 lm 07 = 750 lm 10 = 1000 lm 15 = 1500 lm 20 = 2200 lm 30 = 3000 lm 35 = 3500 lm 40 = 4000 lm 45 = 4500 lm 50 = 5000 lm 50 = 5000 lm 60 = 6000 lm | D010=UNV 120-277V, 50/60Hz, 0-10V 1%-100% dimming at 120-277V on 0-10V controls Canada Option 500-4000 lumens: D010347 = 347VAC 50/60Hz 0-10V 1%-100% dimming. For 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000lm models only (**) Canada Option 4500-6000 lumens: D010X347 = step down transformer factory installed (with standard "D010" 120V-277V LED driver). For 4500, 5000, 5500, 6000lm models only (**) DLV = Distributed Low Voltage dimming driver 1%-100%, 1000-4000 lumens only. For use with DLVP system only, refer to DLVP specifications for details. (**) | REM7 = 7 watt emergency battery pack with remote test / indicator light, use with D010 only (1) (2) (6) REM14 = 14 watt emergency battery pack with remote test / indicator light, use with D010 only (1) (2) (6) IEM7 = 7 watt emergency battery pack with integral test / indicator light, use with D010 only (1) (2) (6) IEM14 = 14 watt emergency battery pack with integral test / indicator light, use with D010 only (1) (2) (6) BDD7ST = 7.5 watt Bodine self-test emergency battery pack with remote test / indicator light, use with D010 only (1) (2) (6) WTA = Factory WaveLinx PRO Tilemount Sensor Kit (6) WTK = Factory WaveLinx LITE Tilemount Sensor Kit (8) WPN = WaveLinx PRO Wireless Node without Sensor (10) REMV7 = 7 watt emergency battery pack with remote test / indicator light, use with DLV only (1) (2) (2) (8) REMV14 = 14 watt emergency battery pack with remote test / indicator light, use with DLV only (1) (2) (2) (8) IEMV7 = 7 watt emergency battery pack with integral test / indicator light, use with DLV only (1) (2) (2) (8) IEMV14 = 14 watt emergency battery pack with integral test / indicator light, use with DLV only (1) (2) (2) (8) | HB128APK = L channel hanger bar, 26", pair (replacement) RMB22 = Adjustable wood joist mounting bars, pair, extend to 22" long HSA6 = Slope Adapter for 6" Aperture Housings, Specify Slope (refer to instructions for installing housing and trim) H347 = 347 to 120V step down transformer, 75VA H347200 = 347 to 120V step down transformer, 200VA WTA = Field WaveLinx PRO Tilemount Sensor Kit (4) WTK = Field WaveLinx LITE Tilemount Sensor Kit (5) |
| Notes | Notes (7) Marked Spacing: Center to Center of Adjacent Luminaires = 36" Center of Luminaire to Building Member = 18" Minimum overhead = 0.5 | Notes (1) Not available with CP models | Notes (1) Not available with CP models (2) Not available with D010347 (347V models) (3) ULus for U.S. only (4) WTA = WaveLinx PRO tilemount sensor kit for daylight dimming, PIR motion sensing, and optional RLTS - Real Time Location Services, use with D010 only. (Refer to WaveLinx PRO specifications). (5) WTK = WaveLinx LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only. (Refer to WaveLinx LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only. (Refer to WaveLinx LITE specifications.) (6) Emergency battery backup options are Non-IC only, and rated for a minimum starting temperature of 0°C (9) WPN = WaveLinx PRO wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0°100 driver only. Not compatible with 347V or Chicago plenum. (Refer to WaveLinx PRO specifications.) (10) WLN = WaveLinx LITE wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0°100 driver only. Not compatible with 347V or Chicago plenum. (Refer to WaveLinx LITE specifications.) | Notes (4) WTA = WaveLinx PRO tilemount sensor kit for daylight dimming. PIR motion sensing, and optional RITS - Real Time Location Services, use with D010 only. (Refer to WaveLinx PRO specifications). (5) WTK = WaveLinx LITE tilemount sensor kit for daylight dimming, PIR motion sensing, use with D010 only. (Refer to WaveLinx LITE specifications.) |

LED Module Order Information

| LED Module | Lumens | CRI/ | /CCT |
|--|--|--|--|
| HM6 = 6" LED Modules For use with HC6 - HC6CP New Construction housings only | 0525 = 500 - 2500 lumen 3040 = 3000-4000 lumen 4560 = 4500-6000 lumen | 827 = 80CRI, 2700K 830 = 80CRI, 3000K 835 = 80CRI, 3500K 840 = 80CRI, 4000K 850 = 80CRI, 5000K | 927 = 90CRI, 2700K 930 = 90CRI, 3000K 935 = 90CRI, 3500K 940 = 90CRI, 4000K 950 = 90CRI, 5000K |
| Notes | Notes | No | tes |

Trim Order Information

| Reflector | Distribution ⁽⁸⁾ | Finish | Flange | Accessories |
|---------------------------|--|--|---|--|
| 61 = 6" conical reflector | ND = narrow 55° beam angle 0.97 SC MD = medium 60° beam angle 1.10 SC WD = wide 65° beam angle 1.28 SC RWW = rotatable wall wash with linear spread lens | C = Specular clear H = Semi-specular clear W = White | Blank = Polished flange standard with C & H reflectors Blank = White flange standard with W reflector WF = White flange option available with C & H reflectors BF = Black Flange option available with C, H & W reflectors | 61RWWPK = Replacement part kit - wall wash lens insert - for use with 61RWW* only. |
| Notes | Notes | Notes | Notes | Notes |
| | (8) Values are nominal, with specular clear reflector, other finishes and field results may vary. | | | |

| Baffle | Distribution ⁽⁸⁾ | Finish | Flange | Accessories |
|--------------------------|---|--|---|---|
| 61 = 6" baffle reflector | WD = wide 65° beam angle 1.28 SC (nominal) RWW = rotatable wall wash with linear spread lens | BB = Black baffle WB = White baffle | Blank = White flange standard with BB, & WB reflectors BF = Black flange option available with BB reflectors | 61RWWPK = Replacement part kit - wall wash lens insert - for use with 61RWW* only. |
| Notes | Notes (8) Values are nominal, with specular clear reflector, other finishes and field results may vary. | Notes | Notes | Notes |

| Reflector | Distribution ⁽⁸⁾ | Finish | Flange |
|--|---|------------------|--|
| 61PS = 6" non-conductive polymer 'dead front' conical reflector (9) | MD = medium 60° beam angle 1.10 SC (nominal) | W = White | Blank = White flange standard with W reflector BF = Black Flange option available with W reflectors |
| Notes | Notes | Notes | Notes |
| (9) 61PS is 1000-2000 lumens Non-IC rated. 500 & 750 lumens IC rated. 61PS is not for use over 2000lm in Non-IC or over 750lm in IC. | (8) Values are nominal, with specular clear reflector, other finishes and field results may vary. | | |

| IEM Reflector | Distribution ⁽⁸⁾ | Finish | Flange | Integral Emergency |
|---|--|--|---|---|
| 61 = 6" IEM reflector for integral emergency only | ND = narrow 55° beam angle 0.97 SC MD = medium 60° beam angle 1.10 SC WD = wide 65° beam angle 1.28 SC | C = Specular clear H = Semi-specular clear W = White | Blank = Polished flange standard with C & H reflectors Blank = White flange standard with W reflector WF = White flange option available with C & H reflectors BF = Black flange option available with C, H, & W reflectors | IEM = Reflector for use with integral emergency housings only. Provides access hole for integral emergency test switch. |
| Notes | Notes (8) Values are nominal, with specular clear reflector, other finishes and field results may vary. | Notes | Notes | Notes |

| IEM Baffle | Distribution ⁽⁸⁾ | Finish | Flange | Integral Emergency |
|---|---|--|--|---|
| 61 = 6" IEM baffle reflector for integral emergency only | WD = wide 65° beam angle 1.28 SC (nominal) | BB = Black baffle WB = White baffle | Blank = White flange standard with BB, & WBreflectors BF = Black flange option with BB reflectors | IEM = Reflector for use with integral emergency housings only. Provides access hole for integral emergency test switch. |
| Notes | Notes (8) Values are nominal, with specular clear reflector, other finishes and field results may vary. | Notes | Notes | Notes |

Product Specifications

Housing Frame

- Boat shaped galvanized steel plaster frame with adjustable plaster lip
- Accommodates 1/2" to 1-1/2" thick ceilings
- Installs in new construction or from below the finished ceiling (non-accessible) for remodeling (with mounting bars removed)
- Provided with two remodel clips to secure the frame to the ceiling

Universal Mounting Bracket

- Adjusts 2" vertically from above and below the ceiling
- Use with the included mounting bars or with 1/2" Electric Metallic Tube (EMT)
- Removable to facilitate remodeling installation from below the finished ceiling

Mounting Bars

- Captive pre-installed No Fuss™ mounting bars lock to T-grid with screwdriver or pliers
- Centering detents allow for consistent positioning of fixtures

LED Module

- Proximity phosphors over chip on board LEDs provide a uniform source with high efficiency and no pixilation
- · Available in 80 or 90 color rendering index (CRI)
- Color accuracy within 3 SDCM provides color consistency and uniformity
- 90 CRI option: R9>50 (refer to chromaticity information for details)
- Available in 2700K, 3000K, 3500K, 4000K and 5000K correlated color temperature (CCT)
- Lumen options include 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000 lumens (nominal)
- Passive thermal management achieves 60,000 hours at 70% lumen maintenance (L70) in insulated ceilings (IC) and non-IC applications
- Integral connector allows quick connection to housing flex

Reflector

- Self-flanged aluminum reflectors available in narrow, medium or wide distribution patterns
- Medium distribution polymer non-conductive matte white reflector may be used to meet local codes for 'dead front' applications (500 & 750 lumen max. in IC and 2000 lumen max. in Non-IC)
- · Integral diffuse lens provides visual shielding
- Wall wash reflector features a rotatable linear spread lens for alignment of vertical illumination
- Reflectors attach to LED module with three speed clamps
- Available in multiple painted or plated finishes

Reflector/Module Retention

 Reflector/module assembly is securely retained in the housing with two torsion springs

Drive

- Field-replaceable constant current driver provides low noise operation
- · Universal 120-277VAC 50/60Hz input standard
- Continuous, 1% to 100% dimming with 0-10V analog control
- Optional low-voltage DC driver for use with Distributed Low Voltage Power (DLVP) system
- Distributed Low Voltage Power (DLVP) system combines power, lighting and controls with ease of installation (refer to DLVP Design Guide at www.cooperlighting.com for details)

Canada Options

- 347VAC 50/60Hz; 1% dimming on 0 -10V analog control, for 500, 750, 1000, 1500, 2000, 2500, 3000, 3500, 4000 lumen models only
- 347V step down transformer factory installed with the standard "D010" 120V-277V, LED driver on 4500, 5000, 5500, 6000 lumen models only

Emergency Option

- Provides 90 minutes of standby lighting, meeting most life safety codes for egress lighting
- Available with integral or remote charge indicator and test switch
- Available Self-Test (self-diagnostic) with remote charge indicator and test switch
- Quick Spec emergency ordering option for quick-turn projects

Connected Lighting System

Two WaveLinx connected solutions to choose from. Refer to WaveLinx system specifications and application guides for details.

WaveLinx PRO Tilemount Sensor Kit

 WaveLinx PRO WTA tilemount sensor kit offers daylight dimming, PIR motion sensing, scene and zone configuration, automatic commissioning; and optional RLTS - Real Time Location Services available.

WaveLinx PRO Wireless Node

 WaveLinx PRO WPN wireless node provides luminaire-level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. Note: Not compatible with 347V or Chicago plenum.

WaveLinx LITE Tilemount Sensor Kit

 WaveLinx LITE WTK tilemount sensor kit offers daylight dimming and PIR motion sensing, scene and grouping configuration.

WaveLinx LITE Wireless Node

 WaveLinx LITE WLN wireless node provides luminaire level control with scene and zone configuration without an integrated sensor; Connects wirelessly with daylight dimming sensor and PIR motion sensor if desired. Use with 0-10V driver only. Note: Not compatible with 347V or Chicago plenum.

WaveLinx Tilemount Sensor Kits Application

- The WTA and WTK tilemount sensor kits include a control module mounted on the luminaire junction box via 1/2" knock-out, and a tilemount sensor on 54-inch whip; for ceiling installation by directmount spring clips or via mounting bracket in octagon ceiling boxes.
- The WTA and WTK tilemount sensor kits may be ordered as factory installed on the luminaire, or ordered separately as a field installed accessory kit.
- Note: WaveLinx PRO devices are only compatible with the WaveLinx PRO system.
- Note: WaveLinx LITE devices are only compatible with the WaveLinx LITE system.

Junction Box

- · Galvanized steel junction box
- · 20 in³ internal volume excluding voltage barrier
- 25 in³ internal total volume
- Voltage barrier for 0-10V dimming wires (occupies one 1/2" pry-out space)
- Listed for eight #12 AWG (four in, four out) 90°C conductors and feed-thru branch wiring
- Three 1/2" and two 3/4" trade size pry-outs available
- Three 4-port push wire nuts for mains voltage with 1-port for fixture connection

Compliance

- cULus Certified to UL 1598 / C22.2 No. 250.0, suitable for damp locations and wet locations in covered ceilings only
- Emergency options provided with UL Listed emergency drivers to UL 924 / C22.2 No. 141, suitable for indoor/damp locations
- IP20 Above finished ceiling; IP65 Below finished ceiling
- Non-Insulated ceiling (Non-IC) rated for 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000 lumen models (insulation must be kept 3" from top and sides)
- Insulated ceiling (IC) rated for 500, 750, 1000, 1500, 2000 lumen models and suitable for direct contact with air permeable insulation* (IC models are also suitable for Non-IC installations)
- Non-IC marked spacing required for 4500, 5000, 5500, 6000 lumen models
- Marked Spacing Center to Center of Adjacent Luminaires = 36"
- Center of Luminaire to Building Member = 18"
- Minimum overhead = 0.5"
- · Airtight per ASTM-E283-04
- Suitable for use in clothes closets when installed in accordance with the NEC 410.16 spacing requirements
- EMI/RFI emissions FCC CFR Title 47 Part 15 Class A at 120/277V
- · Contains no mercury or lead and RoHS compliant
- Photometric testing completed in accordance of IES I M-70-09
- Lumen maintenance projection in accordance of IES LM-80-08 and TM-21-11
- 500, 750, 1,000, 1,500 and 2,000 lumen, 90 CRI, ICAT models may be used to comply with State of California Title 24 residential code, per JA8 certification standards
- May be used to comply with State of California Title 24 non-residential code as a dimmable LED luminaire
- ENERGY STAR® certified, reference certified light fixtures database
 - *Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013

Warranty

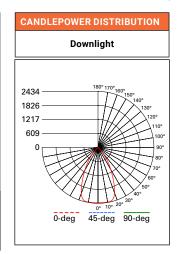
 Five year limited warranty, consult website for details. <u>www.cooperlighting.com/legal</u>

Photometric Data



NARROW DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

| NARROW (55° BEAM*) | | | | |
|--------------------|------------|--|--|--|
| Test Number | P581878 | | | |
| Housing | HC620D010 | | | |
| Module | HM60525835 | | | |
| Reflector | 61NDC | | | |
| Lumens | 2228 Lm | | | |
| Efficacy | 111.4 Lm/W | | | |
| SC | 0.93 | | | |
| UGR | 11.7 | | | |
| | | | | |



| CONE OF LIGHT | | | | | | |
|---------------|---------------|-----|-----|--|--|--|
| 0° D | | | | | | |
| МН | FC | L | W | | | |
| 5.5' | 80.2 | 5 | 5 | | | |
| 7' | 49.5 | 6.4 | 6.4 | | | |
| 8' | 37.9 | 7.4 | 7.4 | | | |
| 9' | 9' 30 8.2 8.2 | | | | | |
| 10' | 24.3 | 9.2 | 9.2 | | | |
| 12' | 16.9 | 11 | 11 | | | |

| CANDELA TABLE | | |
|---------------------|---------|--|
| Degrees Vertical | Candela | |
| 0 | 2427 | |
| 5 | 2422 | |
| 15 | 2405 | |
| 25 | 1621 | |
| 35 | 761 | |
| 45 | 118 | |
| 55 | 12 | |
| 65 | 3 | |
| 75 | 2 | |
| 85 | 0 | |
| 90 | 0 | |

| ZONAL LUMEN SUMMARY | | |
|---------------------|-----------|-----------|
| Zone | Lumens | % Fixture |
| 0-30 | 1636 73.4 | |
| 0-40 | 2098 | 94.2 |
| 0-60 | 2223 | 99.8 |
| 0-90 | 2228 | 100 |
| 90-180 | 0 0 | |
| 0-180 | 2228 | 100 |

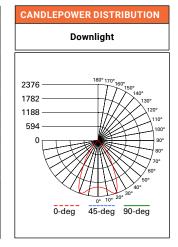
| LUMINANCE | | |
|-------------------------------|-------------------------|--|
| Average Candela Degrees | Average 0° Luminance | |
| 45 | 9187 | |
| 55 | 1118 | |
| 65 | 376 | |
| 75 | 318 | |
| 85 | 0 | |

*Value are nominal with specular clear reflectors, other finishes and field results may vary. SC = Spacing Criteria UGR = Unified Glare Rating

To estimate lumen output in emergency mode, multiply nominal battery wattage by LPW. Example: 6W x 115 LPW = 690 Lumens.

MEDIUM DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

| MEDIUM (60° BEAM*) | | |
|--------------------|------------|--|
| Test Number | P581875 | |
| Housing | HC620D010 | |
| Module | HM60525835 | |
| Reflector | 61MDC | |
| Lumens | 2307 Lm | |
| Efficacy | 115.3 Lm/W | |
| sc | 1.06 | |
| UGR | 11.8 | |
| | | |



| 0° D | | | |
|--------|------|------|------|
| МН | FC | L | W |
| 5.5' | 68.7 | 5.6 | 5.6 |
| 7' | 42.4 | 7.2 | 7.2 |
| 8' | 32.5 | 8.2 | 8.2 |
| 9' | 25.7 | 9.4 | 9.4 |
| 10' | 20.8 | 10.4 | 10.4 |
| 12' | 14.4 | 12.4 | 12.4 |
| | | | |

CONE OF LIGHT

| CANDELA TABLE | | |
|---------------------|---------|--|
| Degrees Vertical | Candela | |
| 0 | 1998 | |
| 5 | 2022 | |
| 15 | 2307 | |
| 25 | 1842 | |
| 35 | 796 | |
| 45 | 126 | |
| 55 | 15 | |
| 65 | 4 | |
| 75 | 2 | |
| 85 | 0 | |
| 90 | 0 | |

| ZONAL LUMEN SUMMARY | | |
|---------------------|--------|-----------|
| Zone | Lumens | % Fixture |
| 0-30 | 1671 | 72.4 |
| 0-40 | 2163 | 93.8 |
| 0-60 | 2301 | 99.7 |
| 0-90 | 2307 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 2307 | 100 |

| LUMINANCE | | |
|-------------------------------|-------------------------|--|
| Average Candela Degrees | Average 0° Luminance | |
| 45 | 9753 | |
| 55 | 1395 | |
| 65 | 571 | |
| 75 | 318 | |
| 85 | 0 | |

*Value are nominal with specular clear reflectors, other finishes and field results may vary. SC = Spacing Criteria UGR = Unified Glare Rating

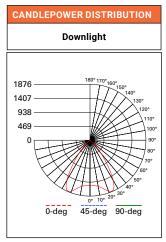
To estimate lumen output in emergency mode, multiply nominal battery wattage by LPW. Example: 6W x 115 LPW = 690 Lumens.

Photometric Data



WIDE DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

| WIDE (65° BEAM*) | | |
|------------------|------------|--|
| Test Number | P581885 | |
| Housing | HC620D010 | |
| Module | HM60525835 | |
| Reflector | 61WDC | |
| Lumens | 2359 Lm | |
| Efficacy | 118 Lm/W | |
| SC | 1.28 | |
| UGR | 11.6 | |
| | | |



| CONE OF LIGHT | | | |
|---------------|------|------|------|
| 0° D | | | |
| МН | FC | L | W |
| 5.5' | 50.5 | 7 | 7 |
| 7' | 31.2 | 8.8 | 8.8 |
| 8' | 23.9 | 10.2 | 10.2 |
| 9' | 18.8 | 11.4 | 11.4 |
| 10' | 15.3 | 12.8 | 12.8 |
| 12' | 10.6 | 15.4 | 15.4 |

| CANDELA TABLE | | |
|---------------------|---------|--|
| Degrees Vertical | Candela | |
| 0 | 1526 | |
| 5 | 1540 | |
| 15 | 1685 | |
| 25 | 1861 | |
| 35 | 1027 | |
| 45 | 252 | |
| 55 | 32 | |
| 65 | 6 | |
| 75 | 2 | |
| 85 | 0 | |
| 90 | 0 | |

| ZONAL LUMEN SUMMARY | | |
|---------------------|-----------|-----------|
| Zone | Lumens | % Fixture |
| 0-30 | 1461 61.9 | |
| 0-40 | 2105 89.2 | |
| 0-60 | 2351 99.6 | |
| 0-90 | 2359 100 | |
| 90-180 | 0 0 | |
| 0-180 | 2359 | 100 |

| LUMINANCE | | | | | |
|-------------------------------|-------------------------|--|--|--|--|
| Average Candela Degrees | Average 0° Luminance | | | | |
| 45 | 19506 | | | | |
| 55 | 3078 | | | | |
| 65 | 765 | | | | |
| 75 | 318 | | | | |
| 85 | 0 | | | | |

*Value are nominal with specular clear reflectors, other finishes and field results may vary. SC = Spacing Criteria UGR = Unified Glare Rating

To estimate lumen output in emergency mode, multiply nominal battery wattage by LPW. Example: 6W x 115 LPW = 690 Lumens.

Photometric Multipliers (Nominal Lumen Values)

| 500 Lumen | 750 Lumen | 1000 Lumen | 1500 Lumen | 2000 Lumen | 2500 Lumen | 3000 Lumen | 3500 Lumen |
|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.33 | 0.44 | 0.54 | 0.74 | 1.00 | 1.12 | 1.46 | 1.76 |
| 4000 Lumen | 4500 Lumen | 5000 Lumen | 5500 Lumen | 6000 Lumen | | | |

2.65

2.38

Multipliers for relative lumen values with other series models.

2.17

Color Finish Multipliers

1.81

| Finish code | С | С | | BB |
|-------------|----------------|---------------|-----------------------------|--------------|
| Finish | Specular Clear | Semi-Specular | Matte White White Baffle | Black Baffle |
| Multiplier | 1.00 | 0.92 | 0.91 | 0.82 |

2.28

Multipliers for relative lumen values with other color finishes.

CCT Multipliers - 80CRI

| 2700K | 3000K | 3500K | 4000K | 5000K |
|-------|-------|-------|-------|-------|
| 0.92 | 0.98 | 1.00 | 1.03 | 1.03 |

Multipliers for relative lumen values with other series color temperatures.

CCT Multipliers - 90CRI

| 2700K | 3000K | 3500K | 4000K | 5000K |
|-------|-------|-------|-------|-------|
| 0.77 | 0.84 | 0.89 | 0.90 | 0.90 |

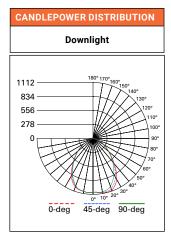
Multipliers for relative lumen values with other series color temperatures.

Photometric Data



WALL WASH DISTRIBUTION - SPECULAR CLEAR FINISH, 2000 LUMEN MODEL, 80 CRI, 3500K

| W. | ALL WASH |
|----------------|------------|
| Test Number | P581882 |
| Housing | HC620D010 |
| Module | HM60525835 |
| Reflector | 61RWWC |
| Lumens | 2179 Lm |
| Efficacy | 109 Lm/W |
| sc | 1.15 |
| | |



| CANDEL | A TABLE |
|---------------------|---------|
| Degrees Vertical | Candela |
| 0 | 1080 |
| 5 | 1081 |
| 15 | 1112 |
| 25 | 1034 |
| 35 | 800 |
| 45 | 514 |
| 55 | 319 |
| 65 | 184 |
| 75 | 85 |
| 85 | 12 |
| 90 | 0 |

| ZONAL LUMEN SUMMARY | | | | | | |
|---------------------|--------|-----------|--|--|--|--|
| Zone | Lumens | % Fixture | | | | |
| 0-30 | 849 | 39 | | | | |
| 0-40 | 1313 | 60.2 | | | | |
| 0-60 | 1978 | 90.8 | | | | |
| 0-90 | 2179 | 100 | | | | |
| 90-180 | 0 | 0 | | | | |
| 0-180 | 2179 | 100 | | | | |

| LUMINANCE | | | | | | |
|-------------------------------|-------------------------|--|--|--|--|--|
| Average Candela Degrees | Average 0° Luminance | | | | | |
| 45 | 39810 | | | | | |
| 55 | 30479 | | | | | |
| 65 | 23907 | | | | | |
| 75 | 17983 | | | | | |
| 85 | 7359 | | | | | |

SC = Spacing Criteria, nominal for specular clear reflector, other may vary.

To estimate lumen output in emergency mode, multiply nominal battery wattage by LPW. Example: 6W x 115 LPW = 690 Lumens.

SINGLE UNIT FOOTCANDLES 2.5' from wall (distance from fixture along wall) 19.3 13.8 6.1 2.2 0.7 0.3 0.1 29.1 12.3 5.7 22.6 2.5 1.2 0.6 27.6 22.5 13.8 7.3 1.9 1 3.7 4 21 18.2 12.4 7.4 4.2 2.4 1.4 5 14.4 13.1 9.9 6.6 2.5 1.6 6 9.7 7.5 1.6 7 6.7 5.5 2.2 1.5 6.4 4.3 3.2 4.7 4.6 4.1 3.4 2.7 2 1.4 3.4 2.7 1.7 1.3 3.3 3.1 2.2 10 2.5 2.5 2.4 2.1 1.8 1.1

| | MULTIPLE UNIT FOOTCANDLES | | | | | | |
|---|---------------------------|------|------|--|--------------------------------------|------|------|
| 2.5' from wall (Distance from fixture along 3 " | | | | | 5' from w e from fixtu — 4''_ | | |
| 1 | 21.5 | 19.1 | 21.5 | | 20 | 12.1 | 20 |
| 2 | 34.7 | 34.4 | 34.7 | | 31.6 | 24.6 | 31.6 |
| 3 | 34.9 | 36 | 34.9 | | 31.3 | 27.6 | 31.3 |
| 4 | 28.4 | 30.7 | 28.4 | | 25.2 | 24.8 | 25.2 |
| 5 | 21 | 23.2 | 21 | | 18.6 | 19.8 | 18.6 |
| 6 | 15.2 | 16.8 | 15.2 | | 13.4 | 15 | 13.4 |
| 7 | 11 | 12 | 11 | | 9.9 | 11 | 9.9 |
| 8 | 8.1 | 8.7 | 8.1 | | 7.4 | 8.2 | 7.4 |
| 9 | 6.1 | 6.5 | 6.1 | | 5.6 | 6.2 | 5.6 |
| 10 | 4.6 | 4.9 | 4.6 | | 4.3 | 4.7 | 4.3 |

Photometric Multipliers (Nominal Lumen Values)

| 500 Lumen | 750 Lumen | 1000 Lumen | 1500 Lumen | 2000 Lumen | 2500 Lumen | 3000 Lumen | 3500 Lumen |
|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.33 | 0.44 | 0.54 | 0.74 | 1.00 | 1.12 | 1.46 | 1.76 |
| 4000 Lumen | 4500 Lumen | 5000 Lumen | 5500 Lumen | 6000 Lumen | | | |

2.65

2.38

Multipliers for relative lumen values with other series models.

2.17

Color Finish Multipliers

1.81

| Finish code | С | Н | W/WB | ВВ |
|-------------|----------------|---------------|-----------------------------|--------------|
| Finish | Specular Clear | Semi-Specular | Matte White White Baffle | Black Baffle |
| Multiplier | 1.00 | 0.92 | 0.91 | 0.82 |

2.28

Multipliers for relative lumen values with other color finishes.

CCT Multipliers - 80CRI

| 2700K | 3000K | 3500K | 4000K | 5000K |
|-------|-------|-------|-------|-------|
| 0.92 | 0.98 | 1.00 | 1.03 | 1.03 |

Multipliers for relative lumen values with other series color temperatures.

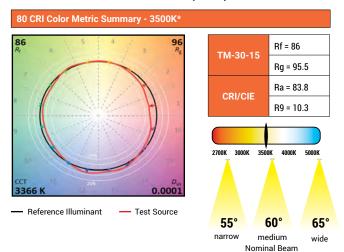
CCT Multipliers - 90CRI

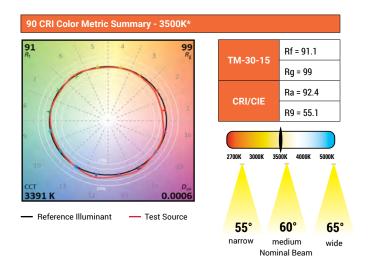
| 2700K | 3000K | 3500K | 4000K | 5000K |
|-------|-------|-------|-------|-------|
| 0.77 | 0.84 | 0.89 | 0.90 | 0.90 |

Multipliers for relative lumen values with other series color temperatures.

Energy & Performance Data

COLOR METRICS - TM-30-15 & CRI/CIE (3500K)





* Color values are based on 61WDWB reflector, other finishes and field results may vary.

ENERGY DATA

| Series | 500 l | umen | 750 l | umen | 1000 | lumen | 1500 | lumen | 2000 I | umen |
|--------------------------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| Input Voltage 120-277VAC | 120V | 277V | 120V | 277V | 120V | 277V | 120V | 277V | 120V | 277V |
| Input Current (A) | 0.051 | 0.026 | 0.067 | 0.036 | 0.083 | 0.039 | 0.119 | 0.053 | 0.171 | 0.077 |
| Input Power (W) | 6.1 | 6.5 | 7.9 | 8.3 | 10 | 10.4 | 14.5 | 14.5 | 20.9 | 20.6 |
| In-rush (A) | 1.9 | 8.4 | 2 | 8.4 | 2.2 | 8.5 | 2.7 | 8.5 | 2.1 | 9.7 |
| Inrush duration (µs) | 251 | 135 | 237 | 133 | 250 | 134 | 250 | 139 | 245 | 131 |
| THD (%) | 6.2 | 13.5 | 7.4 | 8.8 | 5.4 | 10.3 | 10 | 6.7 | 6.5 | 7.9 |
| PF | ≥ 0.99 | ≥ 0.9 | ≥ 0.98 | ≥ 0.92 | ≥ 0.99 | ≥ 0.95 | ≥ 0.99 | ≥ 0.97 | ≥ 0.99 | ≥ 0.96 |

| Series | 2500 | umen | 3000 | lumen | 3500 | lumen | 4000 | umen | 4500 l | umen |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Input Voltage 120-277VAC | 120V | 277V |
| Input Current (A) | 0.23 | 0.103 | 0.24 | 0.107 | 0.292 | 0.152 | 0.351 | 0.159 | 0.384 | 0.172 |
| Input Power (W) | 27.5 | 27.5 | 28.6 | 28.5 | 34.6 | 35.1 | 42.1 | 42.1 | 45.9 | 45.6 |
| In-rush (A) | 2.5 | 5.6 | 2.5 | 11.6 | 3.4 | 13.9 | 3.1 | 14.7 | 3.1 | 14.8 |
| Inrush duration (µs) | 232 | 123 | 216 | 111 | 183 | 95 | 200 | 98 | 202 | 100 |
| THD (%) | 6.5 | 8.1 | 7.8 | 8.3 | 5.6 | 10 | 4.1 | 9.5 | 4.5 | 8.5 |
| PF | ≥ 0.99 | ≥ 0.96 | ≥ 0.99 | ≥ 0.96 | ≥ 0.99 | ≥ 0.93 | ≥ 0.99 | ≥ 0.94 | ≥ 0.99 | ≥ 0.95 |

| Series | 5000 lumen | | 5500 | lumen | 6000 lumen | |
|--------------------------|------------|--------|--------|--------|------------|--------|
| Input Voltage 120-277VAC | 120V | 277V | 120V | 277V | 120V | 277V |
| Input Current (A) | 0.419 | 0.186 | 0.457 | 0.201 | 0.489 | 0.214 |
| Input Power (W) | 50.1 | 49.5 | 54.6 | 53.7 | 58.4 | 57.4 |
| In-rush (A) | 3.1 | 15 | 3.2 | 14.8 | 3.4 | 14.8 |
| Inrush duration (µs) | 202 | 117 | 196 | 131 | 192 | 121 |
| THD (%) | 5.5 | 7.6 | 7 | 7.2 | 8.1 | 7.2 |
| PF | ≥ 0.99 | ≥ 0.96 | ≥ 0.99 | ≥ 0.96 | ≥ 0.99 | ≥ 0.97 |

Minimum starting temperature -30°C (-22°F)* (Nominal input 120-277VAC & 100% of rated output power)

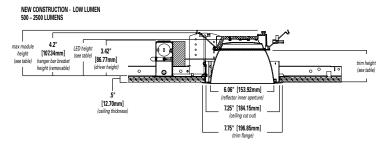
Sound Rating: Class A standards

* Emergency Battery packs are rated for a minimum starting temperature of 0°C.



Dimensional and Mounting Details

NEW CONSTRUCTIONS - LOW LUMEN 500 - 2500 LUMENS



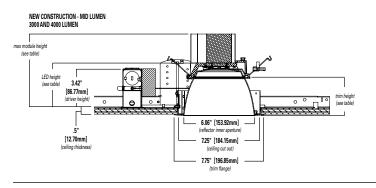
Low Lumen (500 - 2500 Lumens)*

| Distribution | Max. Module Height | Trim Height | LED Height |
|--------------|-----------------------|-------------|------------|
| Narrow | 4.5" | 3.4" | 3.8" |
| Medium | 4.6" | 3.5" | 3.9" |
| Wide | 4.4" | 3.3" | 3.7" |
| Baffle | 4.4" | 3.3" | 3.7" |



Low Lumen Module

NEW CONSTRUCTIONS - MID LUMEN 3000 - 4000 LUMENS



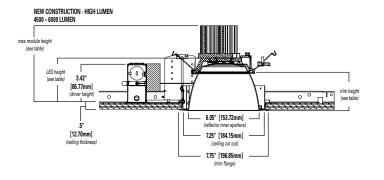
Mid Lumen (3000 - 4000 Lumens)

| Distribution | Max. Module Height | Trim Height | LED Height | |
|--------------|-----------------------|-------------|------------|--|
| Narrow | 6.6" | 3.4" | 3.8" | |
| Medium | 6.7" | 3.5" | 3.9" | |
| Wide | 6.5" | 3.3" | 3.7" | |
| Baffle 6.5" | | 3.3" | 3.7" | |



Mid Lumen Module

NEW CONSTRUCTIONS - HIGH LUMEN 4500 - 6000 LUMENS



High Lumen (4500 - 6000 Lumens)

| Distribution | Max. Module Height | | LED Height | |
|--------------|-----------------------|------|------------|--|
| Narrow | 6.9" | 3.4" | 3.8" | |
| Medium | 7.0" | 3.5" | 3.9" | |
| Wide | 6.8" | 3.3" | 3.7" | |
| Baffle 6.8" | | 3.3" | 3.7" | |



High Lumen Module

^{*}Max. height w/removable hanger bar bracket 4.2"

Connected Solutions



WaveLinx LITE - WTK Tilemount Sensor

WaveLinx LITE devices only compatible with the WaveLinx LITE system.

- · Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx LITE Bluetooth network)
- Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- Automatic occupancy or vacancy, sensor sensitivity, daylight dimming, etc. configurable through the app
- Refer to the WaveLinx system specifications for details







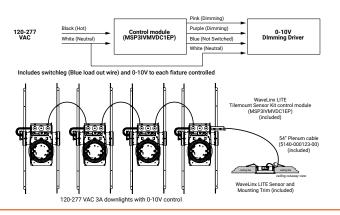








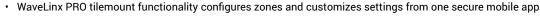
WaveLinx LITE WTK Tilemount Wiring Diagram

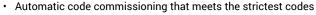




WaveLinx PRO - WTA Tilemount Sensor

WaveLinx PRO devices only compatible with the WaveLinx PRO system.





- Fixtures and sensors integrate with Wireless Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network Installations



WaveLinx mobile app settings







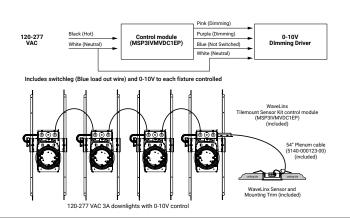




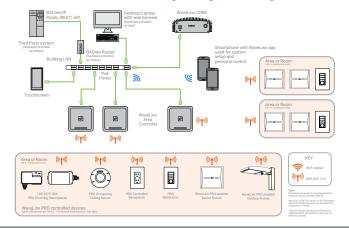




WaveLinx WTA Tilemount Wiring Diagram



WaveLinx CORE Building Management Integration



Connected Solutions



WaveLinx LITE Wireless Node - WLN

WaveLinx LITE devices only compatible with the WaveLinx LITE system.

- Intuitive Android™ or Apple® iOS® app for basic system code compliant set up and configuration via Bluetooth
- Up to 28 unique areas per project site (WaveLinx LITE Bluetooth network)
- · Up to 50 devices for an area, any one of 16 control zones, up to 6 occupancy sets, and custom lighting scenes
- · Refer to the WaveLinx system specifications for details

WaveLinx mobile app settings









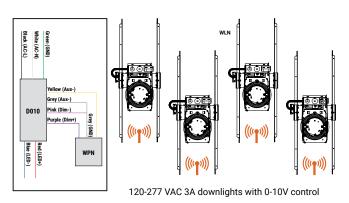








WaveLinx LITE Wireless Node (WLN) Wiring Diagram





Congest Lighting Solutions and Congest Lighting Solutions and Congest Lighting Solutions and Congest C

WaveLinx PRO Wireless Node - WPN

WaveLinx PRO devices only compatible with the WaveLinx PRO system.

- WaveLinx Wireless functionality configures zones and customizes settings from one secure mobile app
- Automatic code commissioning that meets the strictest codes
- · Fixtures and sensors integrate with WaveLinx Area Controller, Wall Stations, and Control Devices
- Stand-Alone Offices or Entire Building Network Installations



WaveLinx mobile app settings









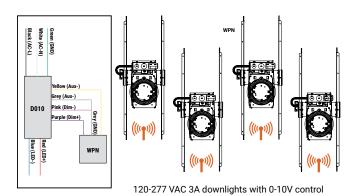




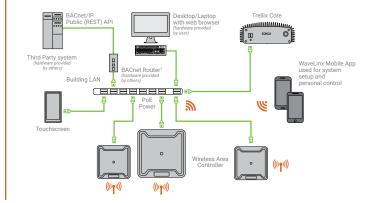




WaveLinx PRO Wireless Node (WPN) Wiring Diagram



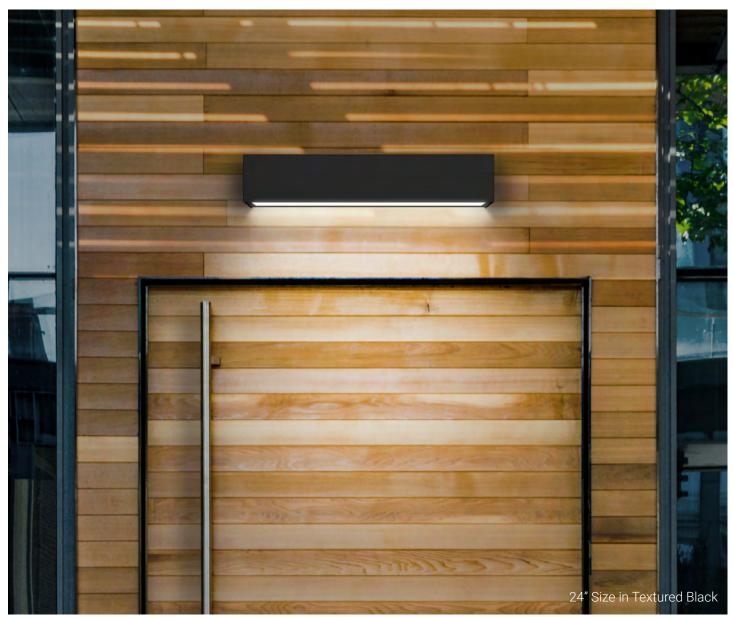
WaveLinx CORE Building Management Integration





www.cooperlighting.com







7075 LED —

The BRICK-OD (outdoor) is a minimal, clean, and contemporary exterior sconce offered in three ADA compliant sizes (8", 12" and 24") and multiple finishes. Perfect for exterior facades, entryways, columns, and breezeways. Since this is a wet-listed unit, it can also be used in healthcare applications requiring durable luminaires which can be wiped down. Available with integral battery backup in all sizes, as well as cold weather battery in the 24" size.

For more features, such as conduit-entry and additional cold weather battery size options, refer to BRICK-OD <u>EXT</u> - Model #: 7077. Indoor version - Model #: 1575.

FINISHES









BRICK-OD

FOR EXTENDED CONDUIT-ENTRY VERSION, REFER TO MODEL #: 7077

STANDARD SPECIFICATIONS - STANDARD HOUSING (7075)

OUTER FRAME & MOUNT PLATE

Formed and welded aluminum. Countersunk fasteners located on top of fixture. No exposed hardware on sides or bottom of fixture. Closed cell foam gasket on rear mount plate.

UV stabilized frosted acrylic diffuser with optical properties which throw light forward.

LED PERFORMANCE - 3500K STANDARD - TYPE 2 DISTRIBUTION

120-277V - 3500K, L80 rating - 60,000 hrs - L70 rating (projected) - 100,000 hrs Amperage rated @ 110V input

Operating ambient temperature: -20°C / -4°F - 50°C / 122°F

Delivered 3500K lumens noted. Consult Brownlee.com for performance of all CCTs.

08 Size: C13 – 13W nominal, .10 A input - 1165 lm. Dimmable (0-10V). 90+ CRI Standard.

12 Size: H08 - 8W nominal, .07 A input - 860 lm. Dimmable (0-10V). 90+ CRI Standard.

12 Size: H16 – 16W nominal, .14 A input – 1490 lm. Dimmable (0-10V). 90+ CRI Standard.

12 Size: H21 – 21W nominal, .18 A input – 1725 lm. Dimmable (0-10V). 90+ CRI Standard.

24 Size: H16 – 16W nominal, .14 A input – 1470 lm. Dimmable (0-10V). 90+ CRI Standard.

24 Size: H32 – 32W nominal, .27 A input – 3030 lm. Dimmable (0-10V). 90+ CRI Standard.

24 Size: H41 - 41W nominal, .35 A input - 3410 lm. Dimmable (0-10V). 90+ CRI Standard.

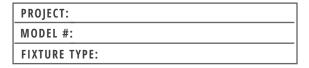


Fixture mounts to a 4x4 junction box (by others). Must be positioned in downward orientation (light source facing down) if mounting outdoors. For conduit-entry, refer to Model #: 7077.

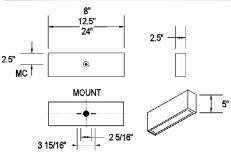
Durable corrosion resistant powder coat finish. Custom colors available, contact factory.

WARRANTY

5 year limited warranty on this LED product. Consult factory for details.









5.



<u>Integral</u>

Battery

Backup

Refer to options section







ORDERING INFORMATION

| | 7075 |
|---|-------|
| | Model |
| 2 | CIZE |

SIZE

80 L: 08" 12 L: 12" L: 24'

3. FINISH

TB Textured Black TZ. **Textured Bronze Textured Grey** TG TW **Textured White**

CUSTOM

Additional finishes available as a modified option. Refer to Brownlee's Finishes webpage for inspiration.

WATTAGE 4.

08 SIZE **C13** 13W C Series LED

12 SIZE

H08 08W H Series LED H16 16W H Series LED H21 21W H Series LED

24 SIZE

H16 16W H Series LED H32 32W H Series LED H41 41W H Series LFD

COLOR TEMPERATURE

35K 3500K color temperature 27K 2700K color temperature (C Series Only) 30K 3000K color temperature 40K 4000K color temperature

*DarkSky approved when ordered with 3000K or warmer CCT.

AVAILABLE OPTIONS

2CT Two Circuits, Two LEDs, Two Drivers - for redundancy requirements (H16, H21, H32, H41 wattages only). Does not include two batteries when combined with

BBC²

DTR⁴

BAB¹ Build America, Buy America Compliant (BABAA)

(Exclusions: BBI, BBC - contact factory)

BAC¹ Buy American Compliant (BAA)

BBI² Integral Battery Backup - 10W (32F minimum)

> Integral Battery Backup, Cold Weather - 15W (-4F minimum) (24 Size Only) (See Model #: 7077 for additional sizes)

Battery must be connected to continuous power supply

within 7 Mo. of shipping. See Warranty Note 3.

Triac (Line Voltage) Dimming (120V)

(Cannot be combined with BBI/BBC) FCL7 French Canadian Label

P01 Photo Control (120V)

PO2 Photo Control (208, 240, 277V)

T249 Title 24 JA8 Compliant (H16 & H32 only)

Universal Footnotes (only applies if superscript is shown in Options section): (0) 90R - All LEDs/CCTs are being transitioned to 90 CRI standard over 2025, Inquire for this model's availability. 1) BAC/BAB - www.brownlee.com/resources/usa. (2) BBI/BBC - cannot combine with DTR. (4) DTR - cannot combine with BLD. (5) ECW - cannot combine with BLD. (6) ECW - cannot combine with BLD. (7) FCL - cannot combine with BLD. (8) DCC - integral microwave motion sensor (ON/OFF). (9) T24 - includes JA8 labeling and 90 CRI LEDs. (10) PCH/PC4 - cannot combine with BLD or OCC.

Add'l Notes: *BBI/BBC - BBI minimum operating temp: 10C/50F unless otherwise stated. BBC minimum operating temp: -20C/-4F.

**BLD - integral microwave motion sensor with step-dim control. 1: Motion is detected, illuminate to 100%.

2: Motion no longer detected, dim to set level. 3: Remain in continuous dimmed state or turn off after set period. Config. via onboard dip switches.



BRICK-OD

FOR EXTENDED CONDUIT-ENTRY VERSION, REFER TO MODEL #: 7077

PHOTOMETRIC DATA - For theoretical reference only. Data subject to change without notice.

ISOFOOTCANDLE PLOT LEGEND

10 fc 5 fc 2 fc .5 fc .25 fc Mounting Height: 10' Calculation Grid: 10' x 10' **POLAR GRAPH LEGEND**

- #1 Vertical Plane Through Horizontal Angles (5 185) (Through Max. Cd.)
- #2 Vertical Plane Through Horizontal Angles (90 270)
- #3 Horizontal Cone Through Vertical Angle (17.5) (Through Max. Cd.)



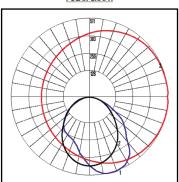
PHOTOMETRIC DATA

ADDITIONAL LUMEN PACKAGES AVAILABLE. CONTACT FACTORY FOR SUPPORTING PLOTS OR REFER TO IES FILES ONLINE.

Model: 7075-08-C13-35K / QTY: 1 Description: 08" Size, 13W, 1160 lm



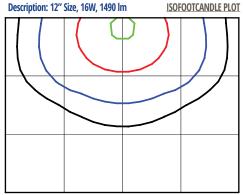
POLAR GRAPH



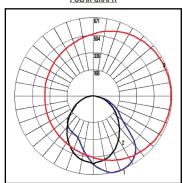
BUG RATING B1-U0-G0

DISTRIBUTION TYPE 2

Model: 7075-12-H16-35K / QTY: 1



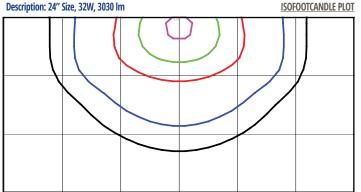
POLAR GRAPH



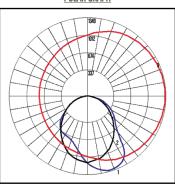
BUG RATING B1-U0-G1

DISTRIBUTION TYPE 2

Model: 7075-24-H32-35K / QTY: 1



POLAR GRAPH



BUG RATING B1-U0-G1

DISTRIBUTION TYPE 2

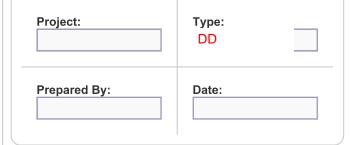




Ultra-economy wall pack with traditional look.

Color: Bronze

Weight: 9.4 lbs



| Driver Info | 0 | LED Info | | | | | | | |
|-------------|------------------|----------------|--------------|--|--|--|--|--|--|
| Type | Constant Current | Watts | 50.00W | | | | | | |
| 120V | 0.43A | Color Temp | 5000K (Cool) | | | | | | |
| 208V | 0.26A | Color Accuracy | 83 CRI | | | | | | |
| 240V | 0.22A | L70 Lifespan | 50,000 | | | | | | |
| 277V | 0.19A | Lumens | 5,375 | | | | | | |
| Input Watts | 51.10W | Efficacy | 105.2 LPW | | | | | | |
| Efficiency | 98% | | | | | | | | |
| | | | | | | | | | |

Technical Specifications

Listings

UL Listing:

Suitable for wet locations. Suitable for mounting within 4 feet of the ground.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. DLC Product Code: P57TGKTN

Electrical

Driver:

Constant Current, Class 2, 120-277V, 50/60Hz, 120V: 0.43A, 208V: 0.26A, 240V: 0.22A, 277V: 0.19A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

THD:

6.1% at 120V, 7% at 277V

Power Factor:

99.7% at 120V, 96.7% at 277V

Note

All values are typical (tolerance +/- 10%)

LED Characteristics

Lifespan:

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

I FDe

Long-life, high-efficacy surface mount LEDs

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Construction

Housing:

Die-cast aluminum

Lens:

Glass

Reflector:

Specular aluminum

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F)

Mounting:

Die-cast backbox with four (4) conduit entry points and knockout pattern for junction box or direct wall mounting. Hinged door for easy re-assembly.

Green Technology:

Mercury and UV free. RoHS-compliant components.

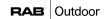
Finish:

Formulated for high durability and long-lasting color

Other

Replacement:

Replaces up to 175W Metal Halide



Technical Specifications (continued)

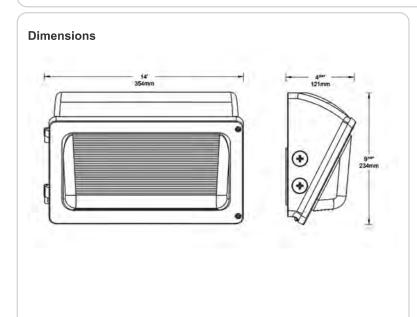
Other

5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.



Features

Economy-grade wall pack with traditional look Covers footprint of medium-sized HID wall packs Available in various lumen packages Integrated 0-10V dimming 50,000-Hour LED lifespan



RSX2 LED Area Luminaire

















Hit the Tab key or mouse over the page to see all interactive element

introdu

Specifications

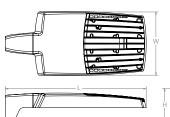
EPA (ft²@0°): 0.69 ft² (0.06 m²)

Length: 29.3" (74.4 cm) (SPA mount)

Width: 13.4" (34.0 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm

Weight: (SPA mount) 30.0 lbs (13.6 kg)





Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

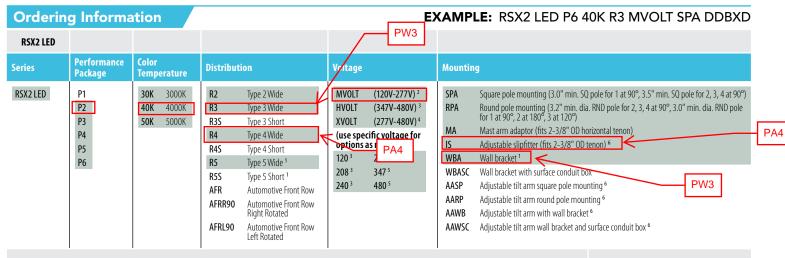
The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.



ds design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering tree for details

Design Select options indicated by this color background.



| Options | | | | Finish | |
|-----------|--|------------------|--|--------|---------------------------|
| Shipped I | nstalled | Shipped Inst | alled | DDBXD | Dark Bronze |
| HS | House-side shield ⁷ | *Standalone | and Networked Sensors/Controls (factory default settings, see table page 9) | DBLXD | Black |
| PE | Photocontrol, button style 8,9 | NLTAIR2 PIRHN | nLight AIR generation 2, with Networked, Bi-Level motion/ambient sensor 9, 13, 14, 15 | DNAXD | Natural Aluminum |
| PER7 | Seven-wire twist-lock receptacle only (no controls) ^{9, 10, 11} | BAA | Buy America(n) Act and/or Build America Buy America Qualified | DWHXD | White |
| SF | Single fuse (120, 277, 347) ⁵ | CCE | Coastal Construction ¹⁶ | DDBTXD | Textured Dark Bronze |
| DF | Double fuse (208, 240, 480) 5 | *Note: NLTAIR | 2 PIRHN with nLight Air can be used as a standalone dimming sensor with out-of-box a wireless networked solution. See factory default settings table. Sensor coverage | DBLBXD | Textured Black |
| SPD20KV | 20KV Surge pack (10KV standard) | settings or as a | a wireless networked solution. See factory default settings table. Sensor coverage cted when luminaire is tilted. | DNATXD | Textured Natural Aluminum |
| FA0 | Field adjustable output 9 | i ' | arately (requires some field assembly) | DWHGXD | Textured White |
| DMG | 0-10V dimming extend out back of housing for external control (control ordered separate) 9 | EGS EGS | External glare shield ⁷ | | |
| DS | Dual switching 9,12 | EGFV | External glare full visor (360° around light aperture) 7 | | |
| | - | BS | Bird spikes 17 | | |



Ordering Information

Accessories

RSX2HS RSX2 House side shield (includes 2 shields)

RSX2EGS (FINISH) U External glare shield (specify finish)

RSX2HSAFRR (FINISH) U RSX2 House side shields for AFR rotated optics (includes 2 shields)

RSX2EGEV (FINISH) U External glare full visor (specify finish)

RSXRPA (FINISH) U RSX Universal round pole adaptor plate (specify finish)

RSXWBA (FINISH) U RSX WBA wall bracket (specify finish) ¹

RSX Surface conduit box (specify finish, for use with WBA, WBA not included) RSXSCB (FINISH) U Photocell -SSL twist-lock (120-277V) 18 DLL127F 1.5 JU

DLL347F 1.5 CUL JU Photocell -SSL twist-lock (347V) 18 DLL480F 1.5 CUL JU Photocell -SSL twist-lock (480V) 18

DSHORT SBK U Shorting cap 18

NOTES

- Any Type 5 distribution, is not available with WBA.

 MYOLT driver operates on any line voltage from 120-277V (50/60 Hz).

 HYOLT driver operates on any line voltage from 347-480V (50/60 Hz).

 XYOLT driver not available with P1. XYOLT driver operates on any line voltage from 277V-480V (50/60 Hz).

 XYOLT driver not available with PF. Syolar of DF) and not available with FE. Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.

 Maximum tilt is 90° above horizontal.

 It may be ordered as an accessory.

- It may be ordered as an accessory.

- It may be ordered as an accessory.
 Requires MVOLT or 347V.
 Two or more of the following options cannot be combined including PE, DMG, PER7, FAO, DS and NLTAIR2 PIRHN. (Exception: PE and FAO can be combined; also PE and DMG can be combined.)
 Compatible with standard twist-lock photocells for dusk to dawn operation or advanced control nodes that provide 0-10V dirminosignals. Wire 4/Wire 5 wired to dimming leads on driver. Wire6/Wire7 capped inside luminaire. Twistlock photocell ordered and shipped
- as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.___
- Shorting Cap included. For units with option PER7, the mounting must be restricted to +/- 45° from horizontal aim per ANSI C136.10-2010. Ds requires (2) separately switched circuits. DS provides 50/50 fixture operation via (2) different sets of leads using (2) drivers. DS only available with packages P5 and P6. Must be ordered with PIRHIN.

- Requires MVOLT or HVOLT.

 Must be ordered with NLTAIR2. For additional information on PIRHN
- vist here.

 CCE option not available with WBA, WBASC, AASP, AARP, AAWB,
 AAWBSC, EGS, EGFV and BS.

 Must be ordered with fixture for factory pre-drilling.
 Requires luminaire to be specified with PER7 option. Ordered and shipped as a separate line item from Acuity Brands Controls. 16

External Shields



House Side Shield



External Glare Shield

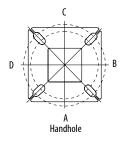


External 360 Full Visor

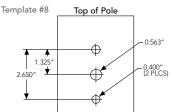
Pole/Mounting Informatiion

Accessories including bullhorns, cross arms and other adpaters are available under the accessories tab at Lithonia's Outdoor Poles and Arms product page. Click here to visit Accessories.

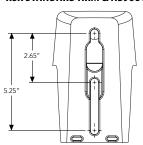
HANDHOLE ORIENTATION



RSX POLE DRILLING



RSX STANDARD ARM & ADJUSTABLE ARM



Round Tenon Mount - Pole Top Slipfitters

| Tenon O.D. | RSX Mounting | Single | 2 at 180° | 2 at 90° | 3 at 120° | 3 at 90° | 4 at 90° |
|------------|--------------|-----------|-----------|-----------|-----------|-----------|-----------|
| 2 - 3/8" | RPA, AARP | AS3-5 190 | AS3-5 280 | AS3-5 290 | AS3-5 320 | AS3-5 390 | AS3-5 490 |
| 2 - 7/8" | RPA, AARP | AST25-190 | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
| 4" | RPA, AARP | AST35-190 | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |

Drill/Side Location by Configuration Type

| | | | - | | - | | _1_ | -1- |
|---|-------------------|--------------------|--------|------------|------------|-----------------|---------------|------------------|
| 1 | Drilling Template | Mounting Option | Single | 2 @ 180 | 2 @ 90 | 3 @ 120 | 3 @ 90 | 4 @ 90 |
| | | Head Location | Side B | Side B & D | Side B & C | Round Pole Only | Side B, C & D | Side A, B, C & D |
| | #8 | Drill Nomenclature | DM19AS | DM28AS | DM29AS | DM32AS | DM39AS | DM49AS |

RSX2 - Luminaire EPA

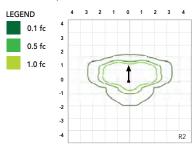
*Includes luminaire and integral mounting arm. Other tenons, arms, brackets or other accessories are not included in this EPA data.

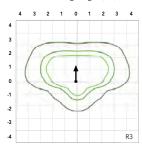
| Fixture Quantity & Mounting Configuration Single 2 @ 90 2 @ 180 3 @ | | 3 @ 90 | 3 @ 120 | 4 @ 90 | 2 Side by Side | 3 Side by Side | 4 Side by Side | | | |
|---|------|--------|---------|--------|-------------------|-------------------|-------------------|------|-------|-------|
| Mounting Type | Tilt | - | -1 | | | | + | | | • |
| SPA - Square Pole Adaptor | 0° | 0.69 | 1.22 | 1.27 | 1.8 | 1.61 | 2.39 | 1.37 | 2.06 | 2.74 |
| RPA - Round Pole Adaptor | | 0.74 | 1.27 | 1.37 | 1.9 | 1.71 | 2.49 | 1.42 | 2.16 | 2.84 |
| MA - Mast Arm Adaptor | | 0.61 | 1.14 | 1.11 | 1.64 | 1.45 | 2.23 | 1.29 | 1.9 | 2.58 |
| | | | | | | | | | | |
| | 0° | 0.69 | 1.22 | 1.27 | 1.8 | 1.61 | 2.39 | 1.37 | 2.06 | 2.74 |
| | 10° | 0.53 | 1.06 | 1.05 | 1.58 | 1.37 | 2.08 | 1.06 | 1.59 | 2.12 |
| | 20° | 0.52 | 1.02 | 1.03 | 1.52 | 1.33 | 2.02 | 1.03 | 1.55 | 2.07 |
| | 30° | 0.64 | 1.11 | 1.18 | 1.63 | 1.45 | 2.21 | 1.27 | 1.91 | 2.54 |
| IS - Integral Slipfitter | 40° | 0.81 | 1.21 | 1.35 | 1.74 | 1.65 | 2.39 | 1.62 | 2.43 | 3.23 |
| AASP/AARP - Adjustable | 45° | 0.91 | 1.25 | 1.5 | 1.81 | 1.75 | 2.48 | 1.82 | 2.73 | 3.64 |
| Arm Square/Round Pole | 50° | 1.34 | 1.83 | 2.17 | 2.61 | 2.56 | 3.62 | 2.68 | 4.02 | 5.36 |
| | 60° | 2.2 | 2.97 | 3.57 | 4.24 | 4.17 | 5.89 | 4.41 | 6.61 | 8.82 |
| | 70° | 2.86 | 4.13 | 4.7 | 5.89 | 5.71 | 8.21 | 5.71 | 8.57 | 11.42 |
| | 80° | 3.4 | 5.13 | 5.67 | 7.34 | 7.09 | 10.21 | 6.79 | 10.19 | 13.59 |
| | 90° | 3.85 | 5.96 | 6.55 | 8.58 | 8.31 | 11.88 | 7.70 | 11.56 | 15.41 |

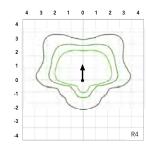
Photometric Diagrams

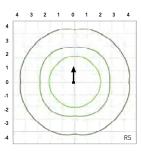
To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's RSX Area homepage.

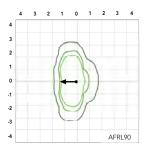
Isofootcandle plots for the RSX2 LED P6 40K. Distances are in units of mounting height (30').

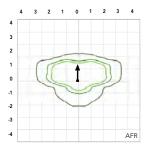


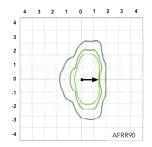












Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-50°C (32-122°F).

| Ambient | Ambient | Lumen Multiplier |
|---------|---------|------------------|
| 0°C | 32°F | 1.05 |
| 5°C | 41°F | 1.04 |
| 10°C | 50°F | 1.03 |
| 15℃ | 59°F | 1.02 |
| 20°C | 68°F | 1.01 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 0.99 |
| 35℃ | 95°F | 0.98 |
| 40°C | 104°F | 0.97 |
| 45°C | 113°F | 0.96 |
| 50°C | 122°F | 0.95 |

Electrical Load

| | | | | | nt (A) | | |
|---------------------|------------------|------|------|------|--------|------|------|
| Performance Package | System Watts (W) | 120V | 208V | 240V | 277V | 347V | 480V |
| P1 | 71W | 0.59 | 0.34 | 0.30 | 0.26 | 0.20 | 0.15 |
| P2 | 111W | 0.93 | 0.53 | 0.46 | 0.40 | 0.32 | 0.23 |
| P3 | 147W | 1.23 | 0.70 | 0.61 | 0.53 | 0.42 | 0.31 |
| P4 | 187W | 1.55 | 0.90 | 0.78 | 0.68 | 0.53 | 0.38 |
| P5 | 210W | 1.75 | 1.01 | 0.87 | 0.76 | 0.60 | 0.44 |
| P6 | 244W | 2.03 | 1.17 | 1.01 | 0.88 | 0.70 | 0.51 |

Projected LED Lumen Maintenance

| Operating Hours | 50,000 | 75,000 | 100,000 |
|--------------------------|--------|--------|---------|
| Lumen Maintenance Factor | >0.97 | >0.95 | >0.92 |

Values calculated according to IESNA TM-21-11 methodology and valid up to $40^{\circ}\text{C}.$

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

| Performance | System Watts | Distribution. | | | 30K K, 70 CR | ll) | | | | 40K K, 70 CR | I) | | | | 50K K, 70 CR | I) | |
|-------------|----------------|---------------|------------------|---|-----------------|-----|------------|------------------|---|-----------------|----|------------|------------------|---|-----------------|----|------------|
| Package |) Joseph Mates | Туре | Lumens | В | U | G | LPW | Lumens | В | U | G | LPW | Lumens | В | U | G | LPW |
| | | R2 | 10,040 | 2 | 0 | 1 | 139 | 11,031 | 2 | 0 | 1 | 153 | 11,031 | 2 | 0 | 1 | 153 |
| | | R3 | 10,005 | 2 | 0 | 2 | 141 | 10,992 | 2 | 0 | 2 | 155 | 10,992 | 2 | 0 | 2 | 155 |
| | | R3S | 10,271 | 2 | 0 | 2 | 143 | 11,285 | 2 | 0 | 2 | 157 | 11,285 | 2 | 0 | 2 | 157 |
| | | R4 | 10,136 | 2 | 0 | 2 | 143 | 11,136 | 2 | 0 | 2 | 157 | 11,136 | 2 | 0 | 2 | 157 |
| P1 | 71W | R4S | 9,779 | 2 | 0 | 2 | 138 | 10,744 | 2 | 0 | 2 | 151 | 10,744 | 2 | 0 | 2 | 151 |
| | | R5 | 10,271 | 4 | 0 | 2 | 145 | 11,285 | 4 | 0 | 2 | 159 | 11,285 | 4 | 0 | 2 | 159 |
| | | R5S AFR | 10,544 10,026 | 3 | 0 | 1 | 149 141 | 11,585 11,016 | 3 | 0 | 1 | 163 155 | 11,585 11,016 | 2 | 0 | 2 | 163 155 |
| | | AFRR90 | 10,026 | 3 | 0 | 2 | 140 | 11,010 | 3 | 0 | 2 | 154 | 11,010 | 3 | 0 | 2 | 154 |
| | | AFRL90 | 10,164 | 3 | 0 | 2 | 141 | 11,167 | 3 | 0 | 2 | 155 | 11,167 | 3 | 0 | 2 | 155 |
| | | R2 | 15,712 | 2 | 0 | 2 | 138 | 17,263 | 2 | 0 | 2 | 151 | 17,263 | 2 | 0 | 2 | 151 |
| | | R3 | 15,657 | 2 | 0 | 3 | 141 | 17,202 | 3 | 0 | 3 | 155 | 17,202 | 3 | 0 | 3 | 155 |
| | | R3S | 16,075 | 2 | 0 | 2 | 141 | 17,661 | 2 | 0 | 2 | 155 | 17,661 | 2 | 0 | 2 | 155 |
| | | R4 | 15,862 | 2 | 0 | 3 | 143 | 17,427 | 2 | 0 | 3 | 157 | 17,427 | 2 | 0 | 3 | 157 |
| P2 | 111W | R4S | 15,304 | 2 | 0 | 2 | 138 | 16,815 | 2 | 0 | 2 | 151 | 16,815 | 2 | 0 | 2 | 151 |
| | | R5 | 16,075 | 4 | 0 | 2 | 145 | 17,661 | 5 | 0 | 3 | 159 | 17,661 | 5 | 0 | 3 | 159 |
| | | R5S | 16,502 | 4 | 0 | 2 | 149 | 18,130 | 4 | 0 | 2 | 163 | 18,130 | 4 | 0 | 2 | 163 |
| | | AFR AFRR90 | 15,691 15,841 | 3 | 0 | 3 | 141 139 | 17,240 17,404 | 4 | 0 | 3 | 155 153 | 17,240 17,404 | 4 | 0 | 3 | 155 153 |
| | | AFRL90 | 15,907 | 3 | 0 | 3 | 139 | 17,404 | 4 | 0 | 3 | 153 | 17,404 | 4 | 0 | 3 | 153 |
| | | R2 | 19,855 | 3 | 0 | 2 | 132 | 21,814 | 3 | 0 | 2 | 145 | 21,814 | 3 | 0 | 2 | 145 |
| | | R3 | 19,785 | 3 | 0 | 3 | 135 | 21,737 | 3 | 0 | 4 | 148 | 21,737 | 3 | 0 | 4 | 148 |
| | | R3S | 20,312 | 3 | 0 | 3 | 135 | 22,317 | 3 | 0 | 3 | 149 | 22,317 | 3 | 0 | 3 | 149 |
| | | R4 | 20,044 | 3 | 0 | 3 | 136 | 22,022 | 3 | 0 | 4 | 150 | 22,022 | 3 | 0 | 4 | 150 |
| P3 | 147W | R4S | 19,339 | 3 | 0 | 3 | 132 | 21,247 | 3 | 0 | 3 | 145 | 21,247 | 3 | 0 | 3 | 145 |
| 1 13 | 147 VV | R5 | 20,313 | 5 | 0 | 3 | 138 | 22,317 | 5 | 0 | 3 | 152 | 22,317 | 5 | 0 | 3 | 152 |
| | | R5S | 20,852 | 4 | 0 | 2 | 142 | 22,910 | 4 | 0 | 2 | 156 | 22,910 | 4 | 0 | 2 | 156 |
| | | AFR | 19,828 | 3 | 0 | 2 | 135 | 21,785 | 3 | 0 | 2 | 148 | 21,785 | 3 | 0 | 2 | 148 |
| | | AFRR90 | 20,017 | 4 | 0 | 3 | 133 | 21,992 | 4 | 0 | 3 | 147 | 21,992 | 4 | 0 | 3 | 147 |
| | | AFRL90 R2 | 20,101 22,836 | 3 | 0 | 3 | 134 120 | 22,084 25,090 | 3 | 0 | 2 | 147 132 | 22,084 25,090 | 3 | 0 | 3 | 147 |
| | | R3 | 22,756 | 3 | 0 | 4 | 120 | 25,090 | 3 | 0 | 4 | 134 | 25,090 | 3 | 0 | 4 | 134 |
| | | R3S | 23,363 | 3 | 0 | 3 | 123 | 25,668 | 3 | 0 | 3 | 135 | 25,668 | 3 | 0 | 3 | 135 |
| | | R4 | 23,054 | 3 | 0 | 4 | 123 | 25,329 | 3 | 0 | 4 | 135 | 25,329 | 3 | 0 | 4 | 135 |
| D4 | 107\\ | R4S | 22,243 | 3 | 0 | 3 | 119 | 25,059 | 3 | 0 | 3 | 134 | 25,059 | 3 | 0 | 3 | 134 |
| P4 | 187W | R5 | 23,363 | 5 | 0 | 3 | 125 | 25,669 | 5 | 0 | 4 | 137 | 25,669 | 5 | 0 | 4 | 137 |
| | | R5S | 23,983 | 4 | 0 | 2 | 128 | 26,350 | 4 | 0 | 2 | 141 | 26,350 | 4 | 0 | 2 | 141 |
| | | AFR | 22,806 | 3 | 0 | 2 | 122 | 25,056 | 3 | 0 | 2 | 134 | 25,056 | 3 | 0 | 2 | 134 |
| | | AFRR90 | 23,023 | 4 | 0 | 3 | 121 | 25,295 | 4 | 0 | 3 | 133 | 25,295 | 4 | 0 | 3 | 133 |
| | | AFRL90 | 23,120 | 4 | 0 | 3 | 122 | 25,401 | 4 | 0 | 3 | 134 | 25,401 | 4 | 0 | 3 | 134 |
| | | R2 R3 | 26,141 26,049 | 3 | 0 | 4 | 122 124 | 28,721 28,620 | 3 | 0 | 4 | 135 136 | 28,721 28,620 | 3 | 0 | 4 | 135 136 |
| | | R3S | 26,744 | 3 | 0 | 3 | 124 | 29,383 | 3 | 0 | 4 | 138 | 29,383 | 3 | 0 | 4 | 138 |
| | | R4 | 26,390 | 3 | 0 | 4 | 126 | 28,994 | 3 | 0 | 4 | 138 | 28,994 | 3 | 0 | 4 | 138 |
| | 24011 | R4S | 25,462 | 3 | 0 | 3 | 121 | 27,974 | 3 | 0 | 3 | 133 | 27,974 | 3 | 0 | 3 | 133 |
| P5 | 210W | R5 | 26,744 | 5 | 0 | 4 | 127 | 29,383 | 5 | 0 | 4 | 140 | 29,383 | 5 | 0 | 4 | 140 |
| | | R5S | 27,454 | 4 | 0 | 2 | 131 | 30,163 | 4 | 0 | 2 | 144 | 30,163 | 4 | 0 | 2 | 144 |
| | | AFR | 26,106 | 3 | 0 | 2 | 124 | 28,682 | 3 | 0 | 2 | 137 | 28,682 | 3 | 0 | 2 | 137 |
| | | AFRR90 | 26,354 | 4 | 0 | 3 | 123 | 28,955 | 5 | 0 | 3 | 136 | 28,955 | 5 | 0 | 3 | 136 |
| | | AFRL90 | 26,465 | 4 | 0 | 3 | 124 | 29,077 | 5 | 0 | 3 | 136 | 29,077 | 5 | 0 | 3 | 136 |
| | | R2 | 27,646 | 3 | 0 | 2 | 112 | 30,374 | 3 | 0 | 2 | 123 | 30,374 | 3 | 0 | 2 | 123 |
| | | R3 | 27,549 | 3 | 0 | 4 | 113 | 30,267 | 3 | 0 | 4 | 124 | 30,267 | 3 | 0 | 4 | 124 |
| | | R3S | 28,283 | 3 | 0 | 3 | 115 | 31,075 | 3 | 0 | 4 | 126 | 31,075 | 3 | 0 | 4 | 126 |
| | | R4 R4S | 27,909 26,928 | 3 | 0 | 3 | 114 110 | 30,663 29,585 | 3 | 0 | 3 | 126 121 | 30,663 29,585 | 3 | 0 | 3 | 126 121 |
| P6 | 244W | R5 | 28,284 | 5 | 0 | 4 | 116 | 31,075 | 5 | 0 | 4 | 127 | 31,075 | 5 | 0 | 4 | 127 |
| | | R5S | 29,035 | 4 | 0 | 2 | 119 | 31,900 | 5 | 0 | 3 | 131 | 31,900 | 5 | 0 | 3 | 131 |
| | | AFR | 27,608 | 3 | 0 | 2 | 112 | 30,332 | 3 | 0 | 2 | 123 | 30,332 | 3 | 0 | 2 | 123 |
| | | AFRR90 | 27,872 | 4 | 0 | 3 | 113 | 30,622 | 5 | 0 | 3 | 124 | 30,622 | 5 | 0 | 3 | 124 |
| | | AFRL90 | 27,989 | 4 | 0 | 3 | 113 | 30,751 | 5 | 0 | 3 | 125 | 30,751 | 5 | 0 | 3 | 125 |

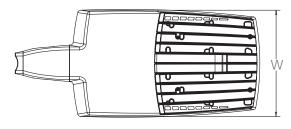


Dimensions & Weights

Luminaire Weight by Mounting Type

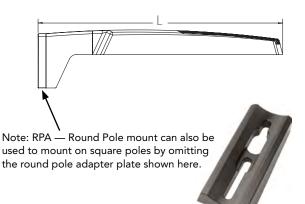
| Mounting Configuration | Total Luminaire Weight |
|------------------------|------------------------|
| SPA | 30 lbs |
| RPA | 32 lbs |
| MA | 30 lbs |
| WBA | 33 lbs |
| WBASC | 36 lbs |
| IS | 33 lbs |
| AASP | 33 lbs |
| AARP | 35 lbs |
| AAWB | 36 lbs |
| AAWSC | 39 lbs |

RSX2 with Round Pole Adapter (RPA)



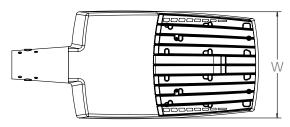
Length: 30.3" (77.0 cm) Width: 13.4" (34.0 cm)

Height: 3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm

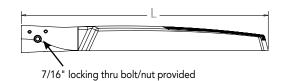




RSX2 with Mast Arm Adapter (MA)

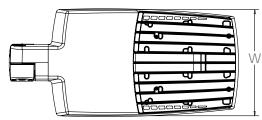


Length: 30.6" (77.7 cm) Width: 13.4" (34.0 cm) Height: 3.0" (7.6 cm) Main Body 3.5" (8.9 cm) Arm

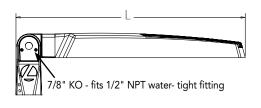


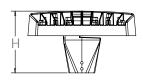


RSX2 with Adjustable Slipfitter (IS)

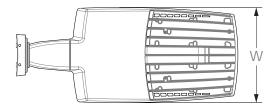


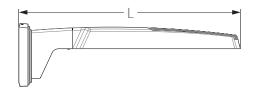
Length: 28.3" (71.9 cm) Width: 13.4" (34.0 cm) Height: 3.0" (7.6 cm) Main Body 7.6" (19.3 cm) Arm

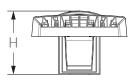




RSX2 with Wall Bracket (WBA)



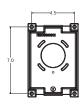


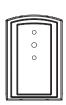


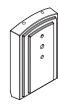
Wall Bracket (WBA) Mounting Detail

Length: 31.2" (79.2 cm) Width: 13.4" (41.7 cm)

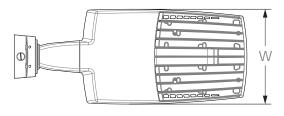
Height: 3.0" (7.6 cm) Main Body 8.9" (22.6 cm) Arm

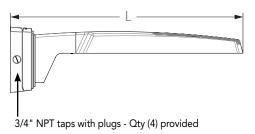


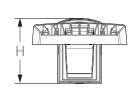




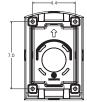
RSX2 with Wall Bracket with Surface Conduit Box (WBASC)

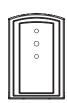


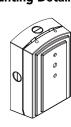




Surface Conduit Box (SCB) Mounting Detail



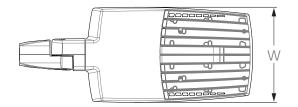


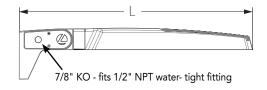


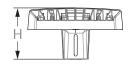
Length: 32.8" (83.3 cm) Width: 13.4" (41.7 cm) Height: 3.0" (7.6 cm) Main Body

9.2" (23.4 cm) Arm

RSX2 with Adjustable Tilt Arm - Square or Round Pole (AASP or AARP)







Length: 32.8" (83.3 cm) AASP 33.8" (85.9 cm) AARP Width: 13.4" (34.0 cm) Height: 3.0" (7.6 cm) Main Body

7.2" (18.2 cm) Arm

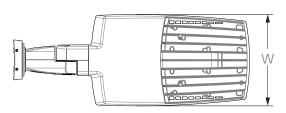


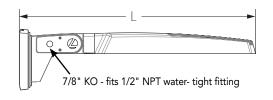
Notes

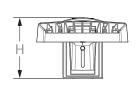
AASP: Requires 3.0" min. square pole for 1 at 90°. Requires 3.5" min. square pole for mounting 2, 3, 4 at 90°.

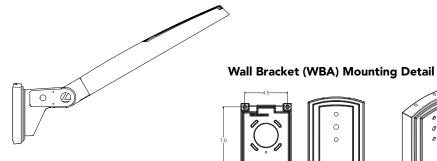
AARP: Requires 3.2" min. dia. round pole for 2, 3, 4 at 90°. Requires 3.0" min. dia. round pole for mounting 1 at 90°, 2 at 180°, 3 at 120°.

RSX2 with Adjustable Tilt Arm with Wall Bracket (AAWB)









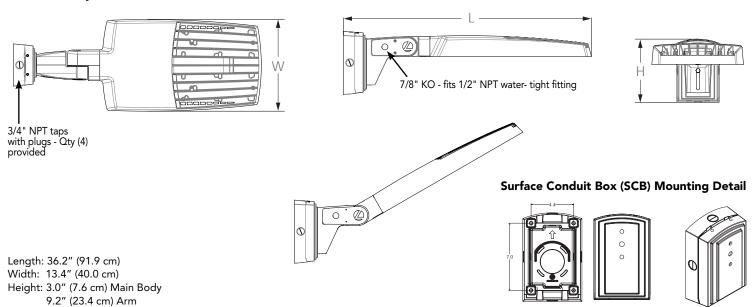
Length: 34.7" (88.0 cm) Width: 13.4" (34.0 cm)

Height: 3.0" (7.6 cm) Main Body

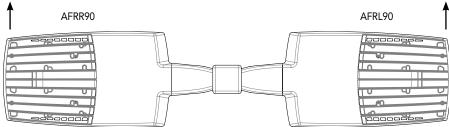
8.9" (22.6 cm) Arm

Dimensions

RSX2 with Adjustable Tilt Arm with Wall Bracket and Surface Conduit Box (AAWSC)



Automotive Front Row - Rotated Optics (AFRL90/R90)

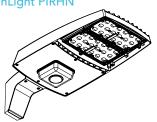


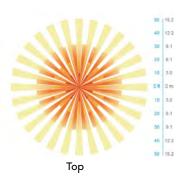
(Example: 2@180 - arrows indicate direction of light exiting the luminaire)

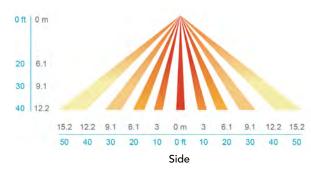
nLight Control - Sensor Coverage and Settings

NLTAIR2 PIRHN nLight Sensor Coverage Pattern

nLight PIRHN







| Motion Sensor Default Settings - Option PIRHN | | | | | | | | | | |
|---|------------------------------|-------------------------------|------------------------|--------------------------------------|---|---|--|--|--|--|
| Option | Dimmed State (unoccupied) | High Level (when occupied) | Photocell Operation | Dwell Time (occupancy time delay) | Ramp-up Time (from unoccupied to occupied) | Ramp-down Time (from occupied to unoccupied) | | | | |
| NLTAIR2 PIRHN | Approx. 30% Output | 100% Output | Enabled @ 1.5FC | 7.5 minutes | 3 seconds | 5 minutes | | | | |

*Note: NLTAIR2 PIRHN default settings including photocell set-point, high/low dim rates, and occupancy sensor time delay are all configurable using the Clairity Pro App. Sensor coverage pattern shown with luminaire at 0°. Sensor coverage pattern is affected when luminaire is titled.

FEATURES & SPECIFICATIONS

INTENDED USE

The RSX LED area family is designed to provide a long-lasting, energy-efficient solution for the one-forone replacement of existing metal halide or high pressure sodium lighting. The RSX2 delivers 11,000 to 31,000 lumens and is ideal for replacing 250W to 1000W HID pole-mounted luminaires in parking lots and other area lighting applications.

CONSTRUCTION AND DESIGN

The RSX LED area luminaire features a rugged die-cast aluminum main body that uses heatdissipating fins and flow-through venting to provide optimal thermal management that both enhances LED performance and extends component life. Integral "no drill" mounting arm allows the luminaire to be mounted on existing pole drillings, greatly reducing installation labor. The light engines and housing are sealed against moisture and environmental contaminants to IP66. The low-profile design results in a low EPA, allowing pole optimization. Vibration rated per ANSI C136.31: 3G Mountings: Include SPA, RPA, MA, IS, AASP, AARP rated for 3G vibration. 1.5G Mountings: Include WBA, WBASC, AAWB and AAWSC rated for 1.5G vibration.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures superior adhesion as well as a minimum finish thickness of 3 mils. The result is a high-quality finish that is warrantied not to crack or peel.

OPTICS

Precision acrylic refractive lenses are engineered for superior application efficiency, distributing the light to where it is needed most. Available in short and wide pattern distributions including Type 2, Type 3, Type 35, Type 45, Type 55, AFR (Automotive Front Row) and AFR rotated AFRR90 and AFRL90.

COASTAL CONSTRUCTION (CCE)

Optional corrosion resistant construction is engineered with added corrosion protection in materials and/or pre-treatment of base material under super durable paint. Provides additional corrosion protection for applications near coastal areas. Finish is salt spray tested to over 5,000 hours per ASTM B117 with scribe rating of 10. Additional lead-times apply.

Light engine(s) configurations consist of high-efficacy LEDs mounted on metal-core circuit boards and aluminum heat sinks to maximize heat dissipation. Light engines are IP66 rated. LED lumen maintenance is >L92/100,000 hours. CCT's of 3000K, 4000K and 5000K (minimum 70 CRI) are available. Fixtures ship standard with 0-10v dimming driver. Class 1 electronic drivers ensure system power factor >90% and THD <20%. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The RSX LED area luminaire has a wide assortment of control options. Dusk to dawn controls include MVOLT and 347V button-type photocells and NEMA twist-lock photocell receptacles.

nLIGHT AIR CONTROLS

The RSX LED area luminaire is also available with nLight® AIR for the ultimate in wireless control. This powerful controls platform provides out-of-the-box basic motion sensing with photocontrol functionality and is suitable for mounting heights up to 40 feet. No commissioning is required when using factory default settings that provide basic stand-alone motion occupancy dimming that is switched on and off with a built-in photocell. See chart above for motion sensor default outof-box settings. For more advanced wireless functionality, such as group dimming, nLight AIR can be commissioned using a smartphone and the easy-to-use CLAIRITY app. nLight AIR equipped luminaries can be grouped, resulting in motion sensor and photocell group response without the need for additional equipment. Scheduled dimming with motion sensor over-ride can be achieved when used with the nLight Eclypse. Additional information about nLight Air can be found here

INSTALLATION

Integral "no-drill" mounting arm allows for fast, easy mounting using existing pole drillings. Select the "SPA" option for square poles and the "RPA" option to mount to round poles. Note, the RPA mount can also be used for mounting to square poles by omitting the RPA adapter plate. Select the "MA" option to attach the luminaire to a 2 3/8" horizontal mast arm or the "IS" option for an adjustable slipfitter that mounts on a 2 3/8" OD tenon. The adjustable slipfitter has an integral junction box and offers easy installation. Can be tilted up to 90° above horizontal. Additional mountings are available including a wall bracket, adjustable tilt arm for direct-to-pole and wall and a surface conduit box for wall mount applications.

LISTINGS

CSA Certified to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at v PL to confirm which versions are

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only. US Patent No. D882, 146S

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations BABA - Build America Buy America: Product with the BAA option also qualifies as produced in the United States under the definitions of the Build America, Buy America Act. cuitybrands.com/buy-american for additional information. Please refer to www

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.





D-Series LED Bollard











Specifications

Height:

(106.7 cm)

Weight (max):

27 lbs (12.25 kg)



| Catalog Number | | | |
|-------------------|--|--|--|
| Notes | | | |
| Туре | | | |

Hit the Tab key or mouse over the page to see all interactive elements

Introduction

The D-Series LED Bollard is a stylish, energysaving, long-life solution designed to perform the way a bollard should—with zero uplight. An optical leap forward, this full cut-off luminaire will meet the most stringent of lighting codes. The D-Series LED Bollard's rugged construction, durable finish and long-lasting LEDs will provide years of maintenance-free service.

Diameter: 8" Round (20.3 cm) 42"

| DSXB LED | | | | | | | | |
|----------|---|---|--|--|---|--|---|---|
| Series | LEDs | Drive current | Color temperature | Distribution | Voltage | Control options | Other options | Finish (required) |
| DSXB LED | Asymmetric 12C 12 LEDs¹ Symmetric 16C 16 LEDs² | 350 350 mA 450 450 mA ^{3,4} 530 530 mA 700 700 mA | 30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted AMBLW Amber limited wavelength 3.4 | ASY Asymmetric ¹ SYM Symmetric ² | MVOLT ⁵ 120 ⁵ 208 ⁵ 240 ⁵ 277 ⁵ 347 ⁴ | Shipped installed PE Photoelectric cell, button type DMG 00-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) ELCW Emergency battery backup6 | Shipped installed SF Single fuse (120, 277, 347V) 47 DF Double fuse (208, 240V) 47 H24 24" overall height H36 36" overall height FG Ground-fault festoon outlet L/AB Without anchor bolts L/AB4 4-bolt retrofit base without anchor bolts* | DWHXD White DNAXD Natural aluminum DDBXD Dark bronz DBLXD Black DDBTXD Textured d bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white |

Accessories

Ordered and shipped separately

MRAB U Anchor bolts for DSXB 8

NOTES

- Only available in the 12C, ASY version.
- Only available in the 16C, SYM version.
- Only available with 450 AMBLW version.
- Not available with ELCW.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Not available with 347V. Not available with fusing. Not available with 450 AMBLW.
- Single fuse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208 or 240 voltage option.
- MRAB U not available with L/AB4 option.



Performance Data

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Actual wattage may differ by +/- 8% when operating between 120-480V +/- 10%.

| Light | Drive | System | | 3000 | K | | | | 4000 | K | | | | 5000 | K | | | Limite | d Waveler | igth A | mbei | |
|------------|-----------|--------|--------|------|---|---|---|--------|------|---|---|---|--------|------|---|---|---|--------|-----------|--------|------|---|
| Engines | Current | Watts | Lumens | LPW | В | U | G | Lumens | LPW | В | U | G | Lumens | LPW | В | U | G | Lumens | LPW | В | | G |
| | 350 | 16 | 1,194 | 75 | 1 | 0 | 1 | 1,283 | 80 | 1 | 0 | 1 | 1,291 | 81 | 1 | 0 | 1 | | | | | |
| Asymmetric | 530 | 22 | 1,719 | 78 | 1 | 0 | 1 | 1,847 | 84 | 1 | 0 | 1 | 1,859 | 85 | 1 | 0 | 1 | | | | | |
| (12 LEDs) | 700 | 31 | 2,173 | 70 | 1 | 0 | 1 | 2,335 | 75 | 1 | 0 | 1 | 2,349 | 76 | 1 | 0 | 1 | | | | | |
| | Amber 450 | 16 | | | | | | | | | | | | | | | | 348 | 22 | 1 | 0 | 1 |
| | 350 | 20 | 1,558 | 78 | 1 | 0 | 0 | 1,674 | 84 | 1 | 0 | 0 | 1,685 | 84 | 1 | 0 | 0 | | | | | |
| Symmetric | 530 | 28 | 2,232 | 80 | 2 | 0 | 1 | 2,397 | 86 | 2 | 0 | 1 | 2,412 | 86 | 2 | 0 | 1 | | | | | |
| (16 LEDs) | 700 | 39 | 2,802 | 72 | 2 | 0 | 1 | 3,009 | 77 | 2 | 0 | 1 | 3,028 | 78 | 2 | 0 | 1 | | | | | |
| | Amber 450 | 20 | | | | | | | | | | | | | | | | 419 | 21 | 1 | 0 | 1 |

Note: Available with phosphor-converted amber LED's (nomenclature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K lumen values and photometric files.

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

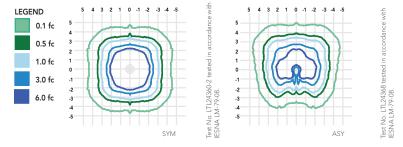
| Operating Hours | 0 | 25,000 | 50,000 | 100,000 |
|-----------------------------|------|--------|--------|---------|
| Lumen Maintenance Factor | 1.00 | 0.98 | 0.97 | 0.95 |

| Electr | ical Load | ł | Current (A) | | | | | | |
|------------------|-----------------------|-----------------|-------------|-------|-------|-------|-------|--|--|
| Light Engines | Drive Current (mA) | System Watts | 120 | 208 | 240 | 277 | 347 | | |
| | 350 | 16W | 0.158 | 0.118 | 0.114 | 0.109 | 0.105 | | |
| 120 | 530 | 22W | 0.217 | 0.146 | 0.136 | 0.128 | 0.118 | | |
| 120 | 700 | 31W | 0.296 | 0.185 | 0.168 | 0.153 | 0.139 | | |
| | Amber 450 | 16W | 0.161 | 0.120 | 0.115 | 0.110 | 0.106 | | |
| | 350 | 20W | 0.197 | 0.137 | 0.128 | 0.121 | 0.114 | | |
| 160 | 530 | 28W | 0.282 | 0.178 | 0.162 | 0.148 | 0.135 | | |
| 100 | 700 | 39W | 0.385 | 0.231 | 0.207 | 0.185 | 0.163 | | |
| | Amber 450 | 20W | 0.199 | 0.139 | 0.130 | 0.123 | 0.116 | | |

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's D-Series Bollard homepage.

Isofootcandle plots for the DSXB LED 700 40K. Distances are in units of mounting height (3').



FEATURES & SPECIFICATIONS

INTENDED USE

The rugged construction and maintenance-free performance of the D-Series LED Bollard is ideal for illuminating building entryways, walking paths and pedestrian plazas, as well as any other location requiring a low-mounting-height light source.

CONSTRUCTION

One-piece 8-inch-round extruded aluminum shaft with thick side walls for extreme durability, and die-cast aluminum reflector and top cap. Die-cast aluminum mounting ring allows for easy leveling even in uneven areas and full 360-degree rotation for precise alignment during installation. Three ½" x 11" anchor bolts with double nuts and washers and 3-5/8" max. bolt circle template ensure stability. Overall height is 42" standard.

FINISH

Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering for maximum retention of gloss and luster. A tightly controlled multi-stage process ensures a minimum 3-mil thickness for a finish that can withstand the elements without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Two 0% uplight optical distributions are available: symmetrical and asymmetrical. IP66 sealed LED light engine provides smoothly graduated illumination without uplight. Light engines are available in standard 4000 K (>70 CRI) or optional 3000 K (>80 CRI) or 5000 K (67 CRI). Limited-wavelength amber LEDs are also available.

ELECTRICAL

Light engines consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (L95/100,000 hours at 700mA at 25°C). Class 2 electronic drivers are designed for an expected life of 100,000 hours with < 1% failure rate. Electrical components are mounted on a removable power tray.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. Cold-weather emergency battery backup rated for -20°C

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/buy-american for additional information.

WARRANTY

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at $25\,^{\circ}$ C. Specifications subject to change without notice.







Square LED Step Lights. Equivalent to 13 Watt CFL or 40 Watt incandescent. Applications for steps, decks, landscape and entries. Meets ADA requirements. 5-year, no-compromise warranty.

Color: Bronze Weight: 1.7 lbs

| Project: | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info |) | LED Info | | | | | |
|-------------|------------------|----------------|---------------|--|--|--|--|
| Туре | Constant Current | Watts | 5W | | | | |
| 120V | 0.1A | Color Temp | 5000K (Cool) | | | | |
| 208V | 0.06A | Color Accuracy | 68 CRI | | | | |
| 240V | 0.05A | L70 Lifespan | 100,000 Hours | | | | |
| 277V | 0.049A | Lumens | 196 lm | | | | |
| Input Watts | 5.3W | Efficacy | 37 lm/W | | | | |

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for mounting within 4ft. of the ground.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 13W CFL or 60W Incandescent

Electrical

Driver:

4W high output long life LED. Driver Constant Current, Class 2, 50-60 Hz, 100-240 VAC 0.18 amps.

Voltage:

120-277V

Surge Protection:

1000 Volts

Construction

Finish:

Formulated for high durability and long-lasting color

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Housing:

Precision die-cast aluminum housing and mounting plate (junction box not included)

Gaskets:

High-temperature silicone

LED Characteristics

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Lumen Maintenance:

The LED will deliver 70% of its initial lumens at 100,000 hours of operation

Color Temperature:

5000K

Other

Patents:

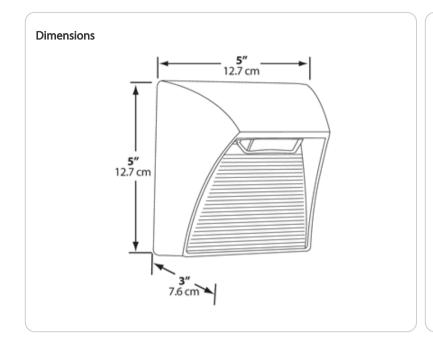
The design of the SLED Lights are protected by U.S. Pat. 612,975, Canada Pat. 133101, and China Pat. ZL201030129140.1.

5-Year, No-Compromise Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at <a href="mailto:rable-trans-rable-t

SLED5





Features

5 Watt, High output LED

100,000-hour life

Superior heat sinking with die cast aluminum housing

Meets ADA Requirements

Junction Box Not Included