

Project Narrative: Tire Works – Mesa East

Date: July 15, 2019

Ref: PRS19-00397
9125 E. Guadalupe Road
Mesa, Arizona 85212

The proposed site, (APN 312-12-859) zoned LC, is located near the southwest corner of Guadalupe Road and Ellsworth Road. The subject site is currently vacant. To the east of the property is a Valero fueling station and convenience mart. To the west is a currently vacant lot, proposed to be developed as a Jack-in-the-Box restaurant. To the south is a lot currently being developed as a U-Stor self-storage facility. Guadalupe Road is directly to the north.

The project involves the site development and construction of a single-story facility for use as a tire sales and motor vehicle repair garage, approximately 5,569 S.F. total area with a maximum height of 23'-4". Access to the site will be via existing driveways along Guadalupe Road and Ellsworth Road, which were developed along with the Valero station. Drive aisle access along the west of the property will be shared with the proposed Jack-in-the-Box restaurant. The drive aisle to the north of the building will be an extension of the aisle currently being developed for the U-Stor, which will continue across the north end of the Jack-in-the-Box site. Retention for the site shall connect to the existing underground system currently being developed at the U-Stor property.

Customer entry to the facility is located at the northwest corner of the building, with a pedestrian access route provided to the sidewalk along Guadalupe Road. Parking is located along the north and west sides of the building, with additional parking to the south. The service garage includes seven bays for vehicle repair along the east side of the building. The facility also includes a showroom, a waiting area for customers while their vehicles are being repaired, and storage for new and old tires and equipment. A loading area is proposed at the south end of the building for the purposes of deliveries and pickup of used tires. A trash enclosure for the facility is located south of a landscaped area south of the building.



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2233 East Thomas Road
Phoenix, AZ 85016
Office: (602) 955-3900
rkaa.com

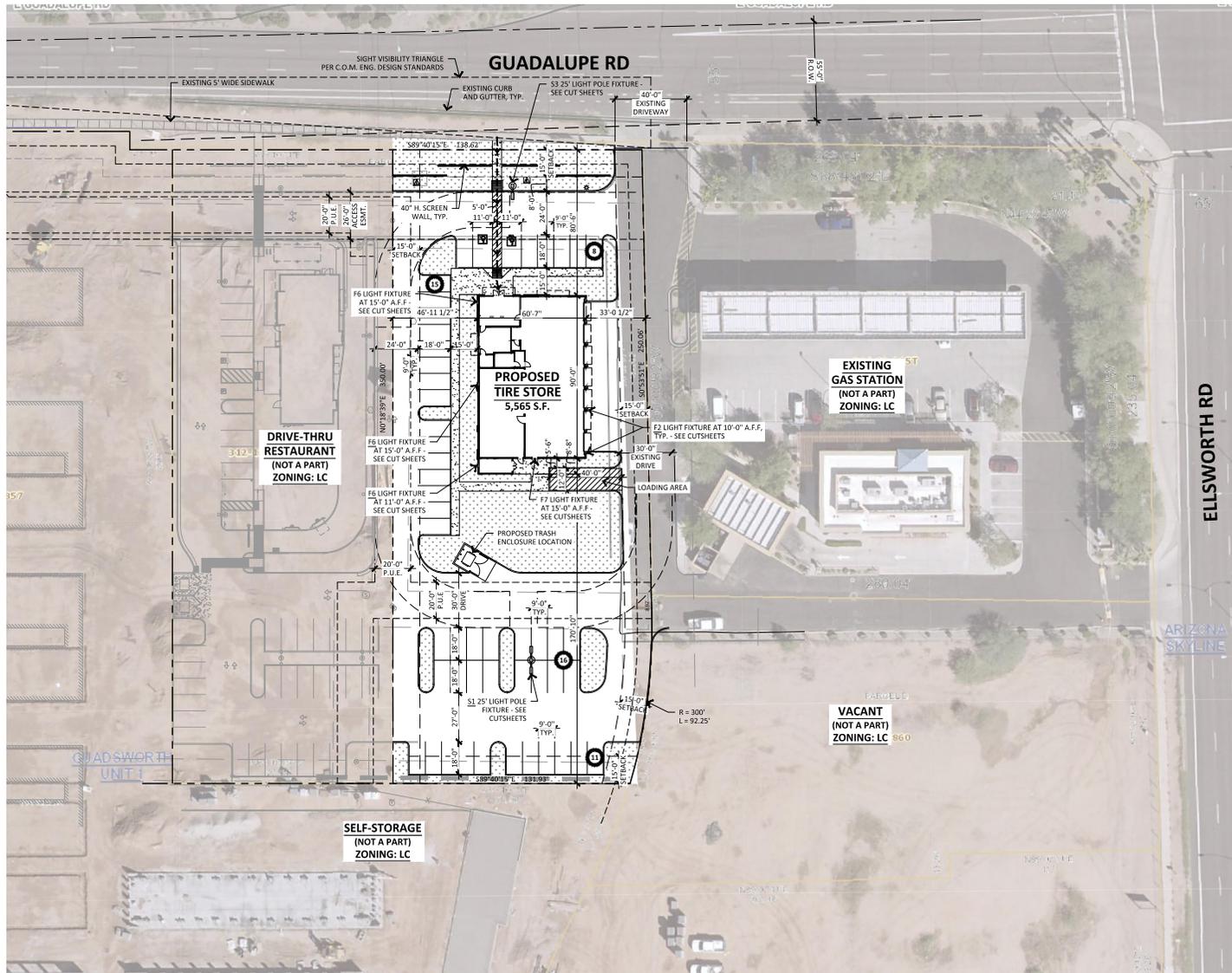
California Office
501 North El Camino Real
Suite #200
San Clemente, CA 92672
Office: (949) 954-8785

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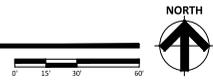
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North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
South Carolina
South Dakota
Tennessee
Texas
Utah
Virginia
Washington
West Virginia
Wisconsin
Wyoming

Principals:

Robert W. Kubicek, AIA
Kathleen D. Rieger, VP
Steve A. Nosal, VP
Neil A. Feaser, AIA, VP



SITE PLAN
SCALE: 1" = 30'-0"



TIRE WORKS - MESA EAST
9125 E GUADALUPE ROAD
MESA, ARIZONA 85212
DATE: 07-11-2019 (PRELIMINARY)

THIS SITE PLAN HAS BEEN PREPARED WITHOUT THE AID OF A SURVEY. ALL PROPERTY BOUNDARIES ARE ROUGH APPROXIMATIONS. THIS DRAWING IS TO BE USED FOR CONCEPTUAL PURPOSES ONLY AND IT IS NOT TO BE THE BASIS FOR ANY LEGALLY BINDING DOCUMENTATION.

PROJECT DIRECTORY

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OWNER:
AMPROP VENTURES LLC
4201 W CYPRESS STREET
TAMPA, FLORIDA 33607
CONTACT: ERIC A. SCHOESSLER
PHONE: (813) 494-4878
E-MAIL: eric@amprop.com

SITE & BUILDING DATA

| | |
|------------------------------------|--------------------------|
| PARCEL NUMBER: | 312-12-859 |
| EXISTING ZONING: | LC |
| NET SITE AREA: | 1.13 ACRES (49,386 S.F.) |
| GROSS SITE AREA: | 1.31 ACRES (57,011 S.F.) |
| PROPOSED USE: | RETAIL / TIRE STORE |
| PROPOSED MAX. BUILDING HEIGHT: | 23'-4" |
| OCCUPANCY TYPE: | S-1 (SERVICE GARAGE) |
| CONSTRUCTION TYPE: | VB |
| BUILDING AREA: | 5,565 S.F. |
| SITE COVERAGE: | 11.3 % |
| TOTAL PARKING REQUIRED: 1/375 S.F. | 15 SPACES |
| TOTAL PARKING PROVIDED: | 50 SPACES |
| ACCESSIBLE SPACES REQUIRED: | 2 SPACES |
| ACCESSIBLE SPACES PROVIDED: | 2 SPACES |

LEGAL DESCRIPTION

PARCEL 'C' OF GUADSWORTH UNIT 1, BOOK 1389, PAGE 48 OF MARICOPA COUNTY RECORDS

LEGEND

- INDICATES: NEW CONCRETE SIDEWALKS
- INDICATES: LANDSCAPE AREAS
- INDICATES: ACCESSIBLE ROUTE W/ 1.5% MAX. SLOPE IN ALL DIRECTIONS AND 42" MIN. CLEAR PATH

VICINITY MAP



PR519-00397

SP-1

RKAA# 19142



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LANDSCAPE PLAN
 SCALE: 1" = 30'-0"



TIRE WORKS - MESA EAST
 9125 E GUADALUPE ROAD
 MESA, ARIZONA 85212
 DATE: 06-26-2019 (PRELIMINARY)

LANDSCAPE LEGEND

- CERCIDIUM 'HYBRID'
DESERT MUSEUM PALO VERDE
24" BOX
- DALBERGIA SISSOO
SISSOO TREE
24" BOX
- CAESALPINIA 'SMOOTHIE'
CASCALOTE
36" BOX
- RUELLIA PENINSULARIS
BAJA RUELLIA
5 GALLON
- CAESALPINIA MEXICANA
MEXICAN BIRD OF PARADISE
5 GALLON
- TECOMA 'ORANGE JUBILEE'
ORANGE JUBILEE
5 GALLON
- HESPERALOE PARVIFLORA
RED YUCCA
5 GALLON
- DASYLIRION WHEELERII
DESERT SPOON
5 GALLON
- AGAVE GEMINIFLORA
TWIN FLOWERED AGAVE
5 GALLON
- LANTANA MONTEVIDENSIS
'GOLD MOUND'
1 GALLON
- LANTANA MONTEVIDENSIS
TRAILING PURPLE
1 GALLON

1/2" SCREENED SADDLEBACK BROWN
 DECOMPOSED GRANITE
 2" DEPTH IN ALL LANDSCAPE AREAS

ADDITIONAL NOTES:

THIS LANDSCAPE IS TO BE MAINTAINED ON A WEEKLY BASIS USING A NATURAL MAINTENANCE PROGRAM AND SHALL BE MAINTAINED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICE OF THE LANDSCAPE INDUSTRY.

ALL TREES AND SHRUBS LOCATED IN THE LINE OF SIGHT WILL BE MAINTAINED FOR A CLEAR AREA BETWEEN 3' TO 7'. THE LINE OF SITE IS OUT OF THE SCOPE OF WORK ON THIS PROJECT.

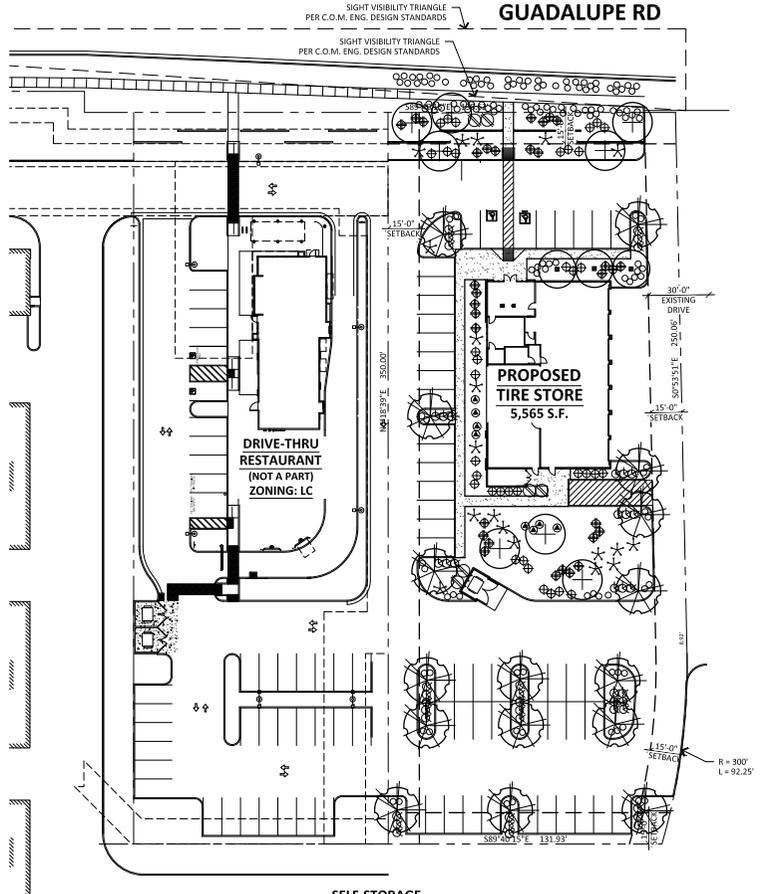
ALL LANDSCAPE AREAS WILL BE MAINTAINED BY THIS OWNER OR LESSEE IN ACCORDANCE WITH THESE APPROVED PLANS

REQUIRED LANDSCAPE AREAS SHALL BE FREE FROM ENCROACHMENT BY ANY USE, STRUCTURE, VEHICLE OR FEATURE NOT PART OF THE LANDSCAPE DESIGN.

REQUIRED TREES SHALL BE MINIMUM SIZE AS SPECIFIED IN THE ARIZONA NURSERY ASSOCIATION "RECOMMENDED TREE SPECIFICATIONS" LATEST EDITION. 11-33-2(B)2

LANDSCAPE CALCULATIONS:

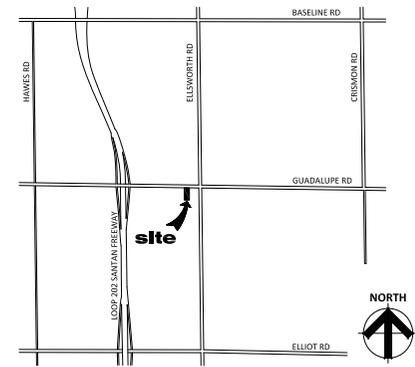
OFF-SITE LANDSCAPE AREA: 1,610 SQ. FT.
 NET SITE AREA: 49,386 SQ. FT.
 ON-SITE LANDSCAPE AREA: 15,499 SQ. FT.
 PERCENT ON-SITE LANDSCAPE AREA: 31%



SITE DATA

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| TOTAL PARKING REQUIRED: 1/375 S.F. | 15 SPACES |
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| ACCESSIBLE SPACES REQUIRED: | 1 SPACE |
| ACCESSIBLE SPACES PROVIDED: | 1 SPACE |

VICINITY MAP



La.01

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RKAA# 19142.00



MATERIALS & COLORS

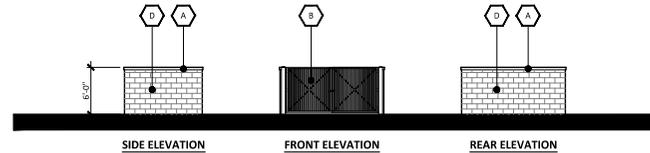
- | | | |
|---|---|--|
| A STUCCO*/DOORS (PAINT TO MATCH): MFR: DUNN EDWARDS COLOR: COLD MORNING SPEC #: DE6365 | D SPLIT FACE CMU: MFR: ECHELON COLOR: BLACK CANYON | G OVERHEAD SECTION DOORS: MFR: CLOPAY (OR EQUAL) COLOR: BLACK |
| B STUCCO* (PAINT TO MATCH): MFR: DUNN EDWARDS COLOR: COVERED IN PLATINUM SPEC #: DE6367 | E STUCCO*/COPING (PAINT TO MATCH): MFR: DUNN EDWARDS COLOR: RED CONTRAST SPEC #: DEA106 | H STOREFRONT: MFR: KAWNEER COLOR: BLACK ANODIZED |
| C STUCCO (PAINT TO MATCH): MFR: DUNN EDWARDS COLOR: LEGENDARY GRAY SPEC #: DE6369 | F METAL CANOPIES (PAINT TO MATCH): MFR: DUNN EDWARDS COLOR: BLACK SPEC #: DEA187 | I METAL AWNINGS: MFR: FIRESTONE COLOR: REGAL RED |

* NOTE: ALL STUCCO TO HAVE SMOOTH FINISH

PROJECT DIRECTORY

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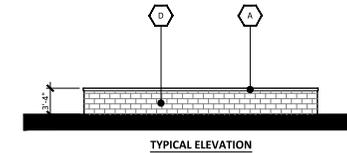
OWNER:
AMPROP VENTURES LLC
4201 W CYPRESS STREET
TAMPA, FLORIDA 33607
CONTACT: ERIC A. SCHOESSLER
PHONE: (813) 494-4878
E-MAIL: eric@amprop.com



TRASH ENCLOSURE ELEVATIONS

SCALE: 1/8" = 1'-0"

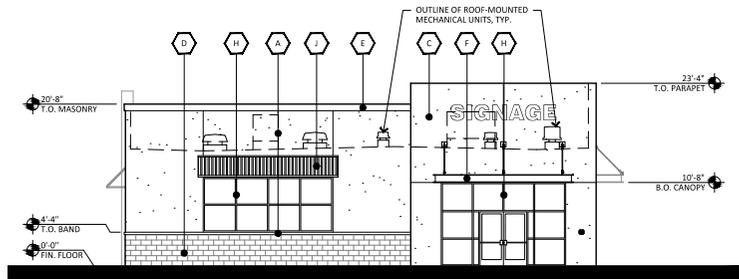
SEE DETAIL 1/SP-3 FOR MORE INFORMATION



PARKING SCREEN WALL ELEVATION

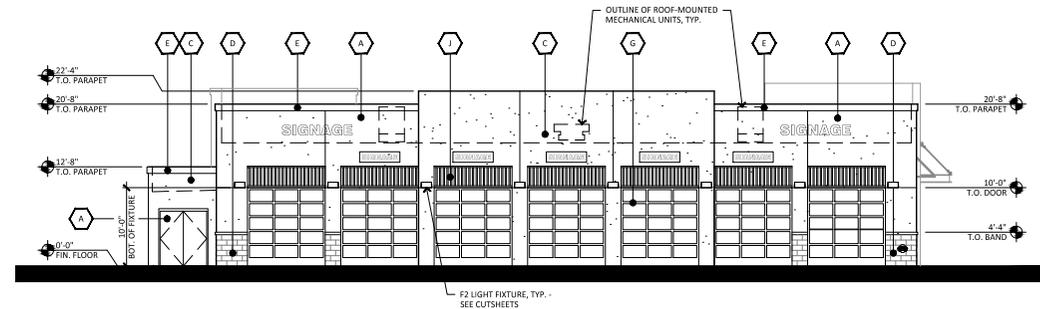
SCALE: 1/8" = 1'-0"

SEE DETAIL 2/SP-3 FOR MORE INFORMATION



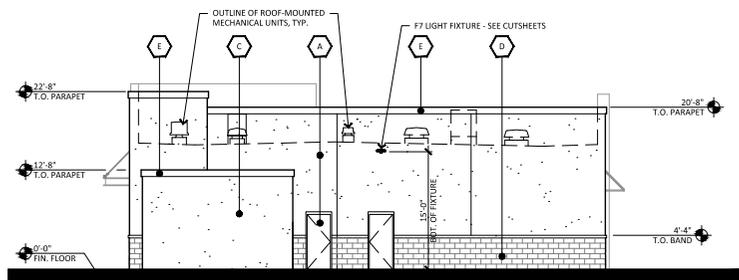
NORTH ELEVATION

SCALE: 1/8" = 1'-0"



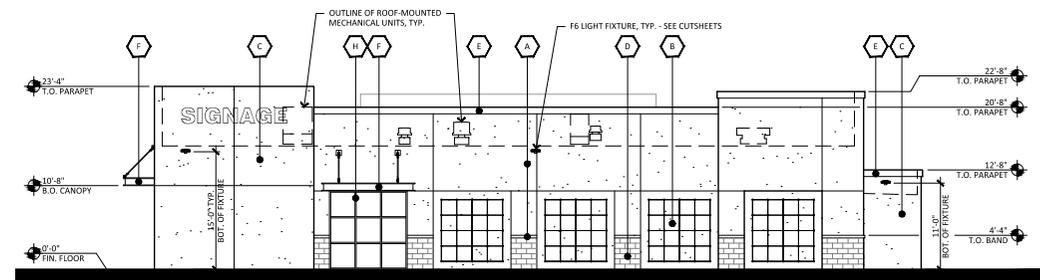
EAST ELEVATION

SCALE: 1/8" = 1'-0"



SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



WEST ELEVATION

SCALE: 1/8" = 1'-0"

TIRE WORKS - MESA EAST

9125 E GUADALUPE ROAD
MESA, ARIZONA 85212
DATE: 07-12-2019 (PRELIMINARY)

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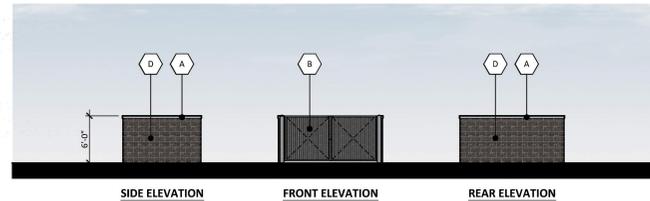
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| C STUCCO (PAINT TO MATCH): MFR: DUNN EDWARDS COLOR: LEGENDARY GRAY SPEC #: DE6369 | F METAL CANOPIES (PAINT TO MATCH): MFR: DUNN EDWARDS COLOR: BLACK SPEC #: DEA187 | J METAL AWNINGS: MFR: FIRESTONE COLOR: REGAL RED |

* NOTE: ALL STUCCO TO HAVE SMOOTH FINISH

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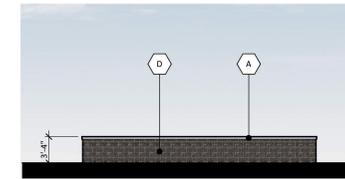
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TRASH ENCLOSURE ELEVATIONS

SCALE: 1/8" = 1'-0"

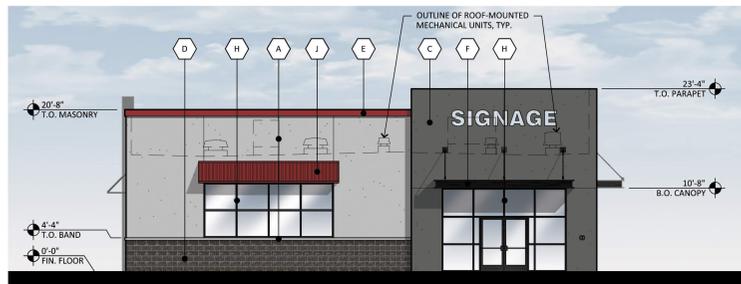
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PARKING SCREEN WALL ELEVATION

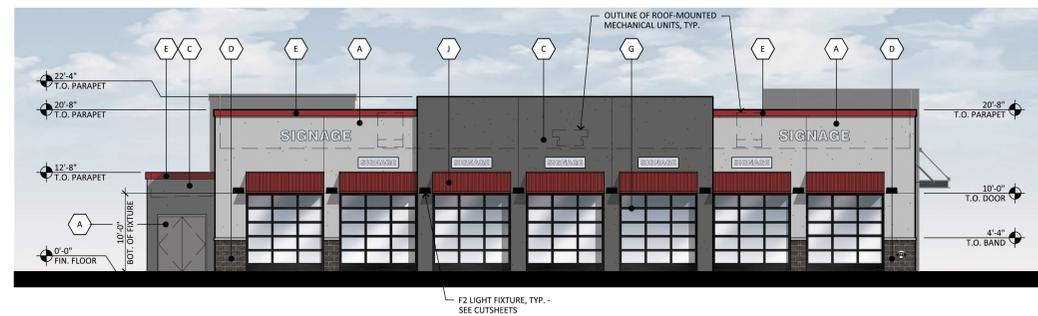
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SEE DETAIL 2/SP-3 FOR MORE INFORMATION



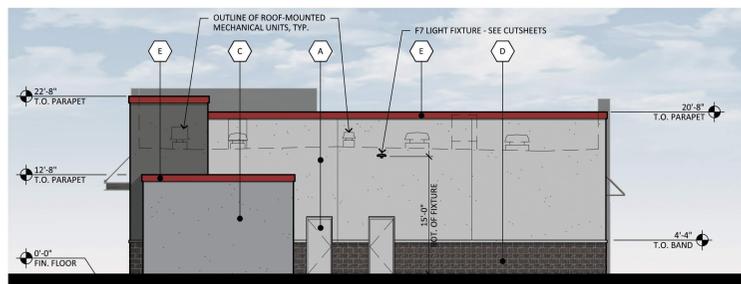
NORTH ELEVATION

SCALE: 1/8" = 1'-0"



EAST ELEVATION

SCALE: 1/8" = 1'-0"



SOUTH ELEVATION

SCALE: 1/8" = 1'-0"



WEST ELEVATION

SCALE: 1/8" = 1'-0"

TIRE WORKS - MESA EAST

9125 E GUADALUPE ROAD
MESA, ARIZONA 85212
DATE: 07-12-2019 (PRELIMINARY)

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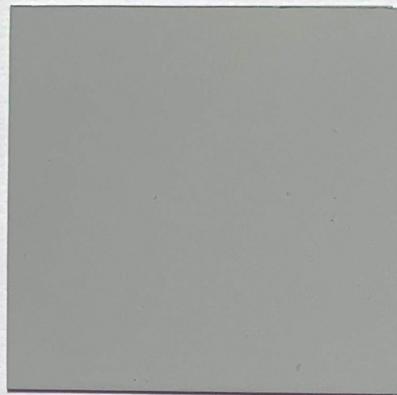
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PRS19-00397



A

STUCCO*/DOORS (PAINT TO MATCH):
MFR: DUNN EDWARDS
COLOR: DE6365 'COLD MORNING'



B

STUCCO* (PAINT TO MATCH):
MFR: DUNN EDWARDS
COLOR: DE6367 'COVERED IN PLATINUM'



C

STUCCO* (PAINT TO MATCH):
MFR: DUNN EDWARDS
COLOR: DE6369 'LEGENDARY GRAY'



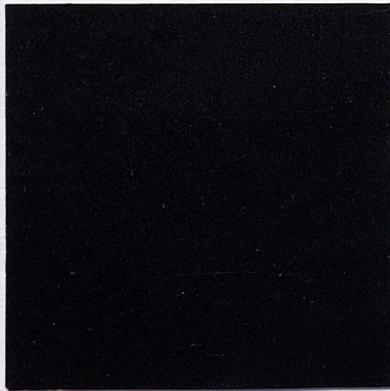
D

SPLIT FACE CMU
MFR: ECHELON MASONRY
COLOR: BLACK CANYON



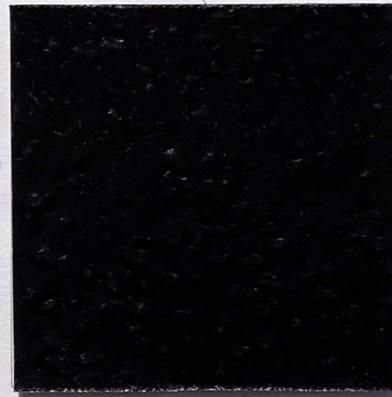
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STUCCO*/COPING (PAINT TO MATCH):
MFR: DUNN EDWARDS
COLOR: DEA106 'RED CONTRAST'



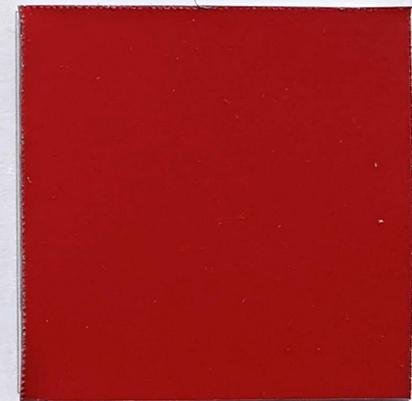
F

METAL CANOPIES (PAINT TO MATCH):
MFR: DUNN EDWARDS
COLOR: DEA187 'BLACK'



G

OVERHEAD SECTIONAL DOORS
MFR: CLOPAY (OR EQUAL)
COLOR: BLACK



J

METAL AWNINGS:
MFR: FIRESTONE
COLOR: REGAL RED

TIRE WORKS - MESA EAST

9125 E GUADALUPE ROAD
MESA, ARIZONA 85212

DATE: 07-29-2019 (PRELIMINARY)

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WST LED

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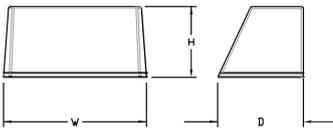
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| Catalog Number | F2 |
| Notes | |
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Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

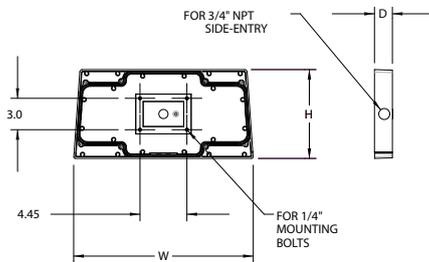
Luminaire

- Height:** 8-1/2"
(21.59 cm)
- Width:** 17"
(43.18 cm)
- Depth:** 10-3/16"
(25.9 cm)
- Weight:** 20 lbs
(9.1 kg)



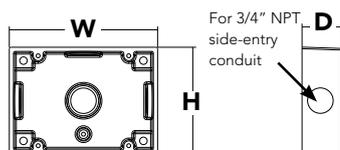
Optional Back Box (PBBW)

- Height:** 8.49"
(21.56 cm)
- Width:** 17.01"
(43.21 cm)
- Depth:** 1.70"
(4.32 cm)



Optional Back Box (BBW)

- Height:** 4"
(10.2 cm)
- Width:** 5-1/2"
(14.0 cm)
- Depth:** 1-1/2"
(3.8 cm)



A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

To learn more about A+, visit www.acuitybrands.com/aplus.

See ordering tree for details.

A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

Ordering Information

EXAMPLE: WST LED P1 40K VF MVOLT DDBTXD

| WST LED | Performance Package | Color temperature | Distribution | Voltage | Mounting |
|---------|--|--|---|---|---|
| WST LED | P1 1,500 Lumen package P2 3,000 Lumen package P3 6,000 Lumen package | 27K 2700 K 30K 3000 K 40K 4000 K 50K 5000 K | VF Visual comfort forward throw VW Visual comfort wide | MVOLT ¹ 277 ² 120 ² 347 ² 208 ² 480 ² 240 ² | Shipped included (blank) Surface mounting bracket Shipped separately BBW Surface-mounted back box ³ PBBW Premium surface-mounted back box ^{3,4} |

| Options | Finish (required) |
|--|----------------------------------|
| NLTAIR2 PIR nLIGHT AIR Wireless enabled motion/ambient sensor for 8'-15' mounting heights ^{5,6} | DDBXD Dark bronze |
| NLTAIR2 PIRH nLIGHT AIR Wireless enabled motion/ambient sensor for 15'-30' mounting heights ^{5,6} | DBLXD Black |
| PE Photoelectric cell, button type ⁷ | DNAXD Natural aluminum |
| PER NEMA twist-lock receptacle only (controls ordered separate) ⁸ | DWHXD White |
| PERS Five-wire receptacle only (controls ordered separate) ⁸ | DSSXD Sandstone |
| PER7 Seven-wire receptacle only (controls ordered separate) ⁸ | DDBTXD Textured dark bronze |
| PIR Motion/Ambient Light Sensor, 8-15' mounting height ^{5,6} | DBLBXD Textured black |
| PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{5,6} | DNATXD Textured natural aluminum |
| PIRH 180° motion/ambient light sensor, 15-30' mounting height ^{5,6} | DWHGXD Textured white |
| PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{5,6} | DSSTXD Textured sandstone |
| SF Single fuse (120, 277, 347V) ² | |
| DF Double fuse (208, 240, 480V) ² | |
| DS Dual switching ⁹ | |
| E7WH Emergency battery backup, Non CEC compliant (7W) ¹⁰ | |
| E7WC Emergency battery backup, CA Title 20 Noncompliant (cold, 7W) ^{10,11} | |
| E7WHR Remote emergency battery backup, CA Title 20 Noncompliant (remote 7W) ^{10,12} | |
| E20WH Emergency battery pack 18W constant power, Certified in CA Title 20 MAEDBS ¹⁰ | |
| E20WC Emergency battery pack -20°C 18W constant power, Certified in CA Title 20 MAEDBS ^{10,11} | |
| E23WHR Remote emergency battery backup, CA Title 20 Noncompliant (remote 20W) ^{10,11,13} | |
| LCE Left side conduit entry ¹⁴ | |
| RCE Right side conduit entry ¹⁴ | |
| Shipped separately | |
| RBPW Retrofit back plate ³ | |
| VG Vandal guard ¹⁵ | |
| WG Wire guard ¹⁵ | |

Accessories

Ordered and shipped separately.

| | |
|-------------------|------------------------------------|
| WSTVCPBBW DDBXD U | Premium Surface - mounted back box |
| WSBBW DDBTX U | Surface - mounted back box |
| RBPW DDBXD U | Retrofit back plate |

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Also available as a separate accessory; see accessories information.
- Top conduit entry standard.
- Not available with VG or WG. See PER Table.
- Reference Motion Sensor table.
- Need to specify 120, 208, 240 or 277 voltage.

- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- Not available with Emergency options, PE or PER options.
- Not available with 347/480V.
- Battery pack rated for -20° to 40°C.
- Comes with PBBW.
- Warranty period is 3-years.
- Not available with BBW.
- Must order with fixture; not an accessory.

Emergency Battery Operation

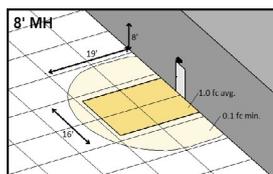
The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product.

All emergency backup configurations include an independent secondary driver with an integral relay to immediately detect AC power loss, meeting interpretations of [NFPA 70/NEC 2008 - 700.16](#)

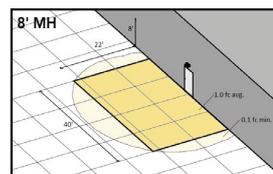
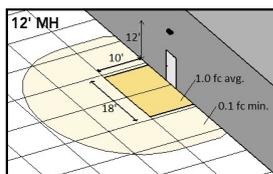
The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time supply power is lost, per [International Building Code Section 1006](#) and [NFPA 101 Life Safety Code Section 7.9](#), provided luminaires are mounted at an appropriate height and illuminate an open space with no major obstructions.

The examples below show illuminance of 1 fc average and 0.1 fc minimum of the P1 power package and VF distribution product in emergency mode.

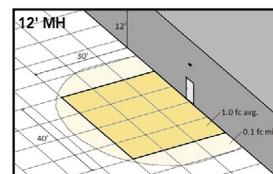
10' x 10' Gridlines
8' and 12' Mounting Height



WST LED P1 27K VF MVOLT E7WH



WST LED P2 40K VF MVOLT E20WH



Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

| Ambient | | Lumen Multiplier |
|-------------|-------------|------------------|
| 0°C | 32°F | 1.03 |
| 10°C | 50°F | 1.02 |
| 20°C | 68°F | 1.01 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 0.99 |
| 40°C | 104°F | 0.98 |

Electrical Load

| Performance package | System Watts | Current (A) | | | | | |
|---------------------|--------------|-------------|------|------|------|------|------|
| | | 120 | 208 | 240 | 277 | 347 | 480 |
| P1 | 11 | 0.1 | 0.06 | 0.05 | 0.04 | --- | --- |
| | 14 | --- | --- | --- | --- | 0.04 | 0.03 |
| P1 DS | 14 | 0.12 | 0.07 | 0.06 | 0.06 | --- | --- |
| P2 | 25 | 0.21 | 0.13 | 0.11 | 0.1 | --- | --- |
| | 30 | --- | --- | --- | --- | 0.09 | 0.06 |
| P2 DS | 25 | 0.21 | 0.13 | 0.11 | 0.1 | --- | --- |
| P3 | 50 | 0.42 | 0.24 | 0.21 | 0.19 | --- | --- |
| | 56 | --- | --- | --- | --- | 0.16 | 0.12 |
| P3 DS | 52 | 0.43 | 0.26 | 0.23 | 0.21 | --- | --- |

Projected LED Lumen Maintenance

Values calculated according to IESNA TM-21-11 methodology and valid up to 40°C.

| Operating Hours | 0 | 25,000 | 50,000 | 100,000 |
|--------------------------|-----|--------|--------|---------|
| Lumen Maintenance Factor | 1.0 | >0.95 | >0.92 | >0.87 |

Motion Sensor Default Settings

| Option | Dimmed State | High Level (when triggered) | Photocell Operation | Ramp-up Time | Dwell Time | Ramp-down Time |
|-----------------------|-----------------|-----------------------------|---------------------|--------------|------------|----------------|
| *PIR or PIRH | 3V (37%) Output | 10V (100%) Output | Enabled @ 5FC | 3 sec | 5 min | 5 min |
| PIR1FC3V or PIRH1FC3V | 3V (37%) Output | 10V (100%) Output | Enabled @ 1FC | 3 sec | 5 min | 5 min |

*for use with site wide Dusk to Dawn control

PER Table

| Control | PER (3 wire) | PERS (5 wire) | | | PER7 (7 wire) | | |
|----------------------------|--------------|---------------|----------------------------------|--------------|----------------------------------|-----------------------------|--|
| | | Wire 4/Wire5 | Wire 4/Wire5 | Wire 6/Wire7 | | | |
| Photocontrol Only (On/Off) | ✓ | ⚠ | Wired to dimming leads on driver | ⚠ | Wired to dimming leads on driver | Wires Capped inside fixture | |
| ROAM | ⊘ | ✓ | Wired to dimming leads on driver | ⚠ | Wired to dimming leads on driver | Wires Capped inside fixture | |
| ROAM with Motion | ⊘ | ⚠ | Wired to dimming leads on driver | ⚠ | Wired to dimming leads on driver | Wires Capped inside fixture | |
| Futureproof* | ⊘ | ⚠ | Wired to dimming leads on driver | ✓ | Wired to dimming leads on driver | Wires Capped inside fixture | |
| Futureproof* with Motion | ⊘ | ⚠ | Wired to dimming leads on driver | ✓ | Wired to dimming leads on driver | Wires Capped inside fixture | |

- ✓ Recommended
- ⊘ Will not work
- ⚠ Alternate

*Futureproof means: Ability to change controls in the future.

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.

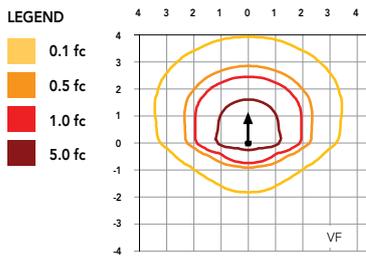
| Performance Package | System Watts (MVOLT ³) | Dist. Type | 27K (2700K, 70 CRI) | | | | | 30K (3000K, 70 CRI) | | | | | 40K (4000K, 70 CRI) | | | | | 50K (5000K, 70 CRI) | | | | |
|---------------------|------------------------------------|------------|---------------------|---|---|---|-----|---------------------|---|---|---|-----|---------------------|---|---|---|-----|---------------------|---|---|---|-----|
| | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW |
| P1 | 12W | VF | 1,494 | 0 | 0 | 0 | 125 | 1,529 | 0 | 0 | 0 | 127 | 1,639 | 0 | 0 | 0 | 137 | 1,639 | 0 | 0 | 0 | 137 |
| | | VW | 1,513 | 0 | 0 | 0 | 126 | 1,548 | 0 | 0 | 0 | 129 | 1,659 | 0 | 0 | 0 | 138 | 1,660 | 0 | 0 | 0 | 138 |
| P2 | 25W | VF | 3,163 | 1 | 0 | 1 | 127 | 3,237 | 1 | 0 | 1 | 129 | 3,469 | 1 | 0 | 1 | 139 | 3,468 | 1 | 0 | 1 | 139 |
| | | VW | 3,201 | 1 | 0 | 0 | 128 | 3,276 | 1 | 0 | 0 | 131 | 3,512 | 1 | 0 | 0 | 140 | 3,512 | 1 | 0 | 0 | 140 |
| P3 | 50W | VF | 6,025 | 1 | 0 | 1 | 121 | 6,165 | 1 | 0 | 1 | 123 | 6,609 | 1 | 0 | 1 | 132 | 6,607 | 1 | 0 | 1 | 132 |
| | | VW | 6,098 | 1 | 0 | 1 | 122 | 6,240 | 1 | 0 | 1 | 125 | 6,689 | 1 | 0 | 1 | 134 | 6,691 | 1 | 0 | 1 | 134 |



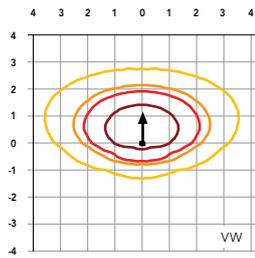
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [WST LED homepage](#).

Isofootcandle plots for the WST LED P3 40K VF and VW. Distances are in units of mounting height (10').

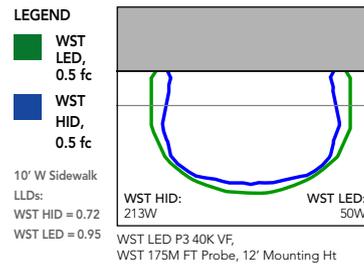


Test No. 30968P32 tested in accordance with IESNA LM-79-08.



Test No. 31113P32 tested in accordance with IESNA LM-79-08.

Distribution overlay comparison to 175W metal halide.



FEATURES & SPECIFICATIONS

INTENDED USE

The classic architectural shape of the WST LED was designed for applications such as hospitals, schools, malls, restaurants, and commercial buildings. The long life LEDs and driver make this luminaire nearly maintenance-free.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire.

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 a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Well crafted reflector optics allow the light engine to be recessed within the luminaire, providing visual comfort, superior distribution, uniformity, and spacing in wall-mount applications. The WST LED has zero upright and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful upright.

ELECTRICAL

Light engine(s) consist of 98 high-efficacy LEDs mounted to a metal core circuit board and integral aluminum heat sinks to maximize heat dissipation and promote long life (100,000 hrs at 40°C, L87). Class 2 electronic driver has a power factor >90%, THD <20%. Easily-serviceable surge protection device meets a minimum Category B (per ANSI/IEEE C62.41.2).

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP65 rated. PIR and back box options are rated for wet location. Rated for -30°C to 40°C ambient.

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

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/terms-and-conditions

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.



| | |
|----------------|------------|
| Catalog Number | F5E |
| Notes | |
| Type | |

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step SDCM; 80 CRI minimum.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 50,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional). ENERGY STAR® certified product.

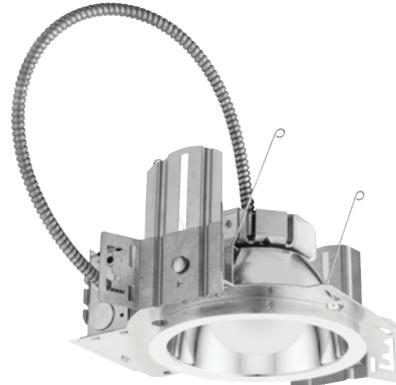
WARRANTY — 5-year limited warranty. Complete warranty terms located at:

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°C.

Specifications subject to change without notice.



LDN6

**6" OPEN and WALLWASH LED
Non-IC
New Construction Downlight**



A+ Capable options indicated by this color background.

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN6 35/15 L06AR LSS MVOLT EZ10

| LDN6 Series | Color temperature | Lumens ¹ | Aperture/Trim Color | Finish | Voltage | |
|---------------|-------------------|---------------------|-------------------------------|--|---|-----------------------|
| LDN6 6" round | 27/ 2700K | 05 500 lumens | L06 Downlight LW6 Wallwash | LSS Semi-specular LD Matte diffuse LS Specular | MVOLT Multi-volt 120 120V 277 277V 347 ³ 347V | |
| | 30/ 3000K | 10 1000 lumens | | | | AR Clear |
| | 35/ 3500K | 15 1500 lumens | | | | WR ² White |
| | 40/ 4000K | 20 2000 lumens | | | | BR ² Black |
| | 50/ 5000K | 25 2500 lumens | | | | 30 3000 lumens |

| Driver | Options |
|---|--|
| GZ10 0-10V driver dims to 10% | SF ⁴ Single fuse |
| GZ1 0-10V driver dims to 1% | TRW ⁵ White painted flange |
| EZ10 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10% | TRBL ⁵ Black painted flange |
| | EL Emergency battery pack with integral test switch. Not Certified in CA Title 20 MAEDBS |
| | ELR Emergency battery pack with remote test switch. Not Certified in CA Title 20 MAEDBS |
| | ELSD Emergency battery pack with self-diagnostics, integral test switch. Not Certified in CA Title 20 MAEDBS |
| | ELRSD Emergency battery pack with self-diagnostics, remote test switch. Not Certified in CA Title 20 MAEDBS |
| EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1% | E10WCP Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB |
| | E10WCPR Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB |
| | NPP16D ⁶ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). |
| | NPP16DER ⁶ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit. |
| | N80 ⁷ nLight™ Lumen Compensation |
| | NPS80EZ ⁶ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). |
| | NPS80EZER ⁶ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit. |
| | HAO ¹⁰ High ambient option |
| | CP ¹¹ Chicago Plenum |
| | WL Wet Location, specify for exterior use applications |
| | RRL__ RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Refer to RRL for complete nomenclature. Available only in RRLA, RRLB, RRLAE, and RRLC12S. |
| | NLTAIR2 ^{8,9} nLight® Air enabled |
| | NLTAIRER2 ^{8,9} nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit |
| | USPOM US point of manufacture |

| Accessories: Order as separate catalog number. | |
|--|---|
| EAC ISSM 375 | Compact interruptible emergency AC power system |
| EAC ISSM 125 | Compact interruptible emergency AC power system |
| GRA68 JZ | Oversized trim ring with 8" outside diameter ¹ |
| SCA6 | Sloped ceiling adapter. Refer to TECH-SCA for more options. |

Notes

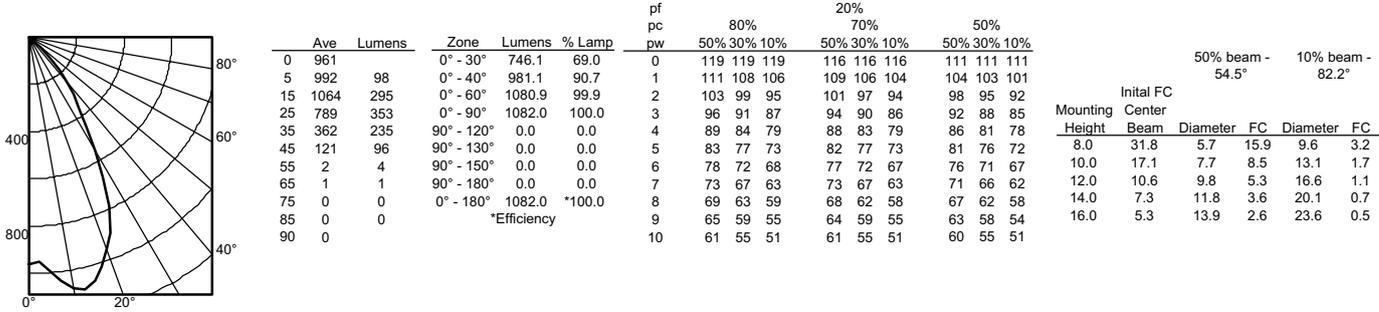
- Overall height varies based on lumen package; refer to dimensional chart on page 3.
- Not available with finishes.
- Not available with emergency options.
- Must specify voltage 120V or 277V.
- Available with clear (AR) reflector only.
- Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- Fixture begins at 80% light level. Must be specified with NPS80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
- Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP16DER or N80 options.
- NLTAIR2 and NLTAIRER2 not recommended for metal ceiling installations.
- Fixture height is 6.5" for all lumen packages with HAO.
- Must specify voltage for 3000lm. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.

LDN6

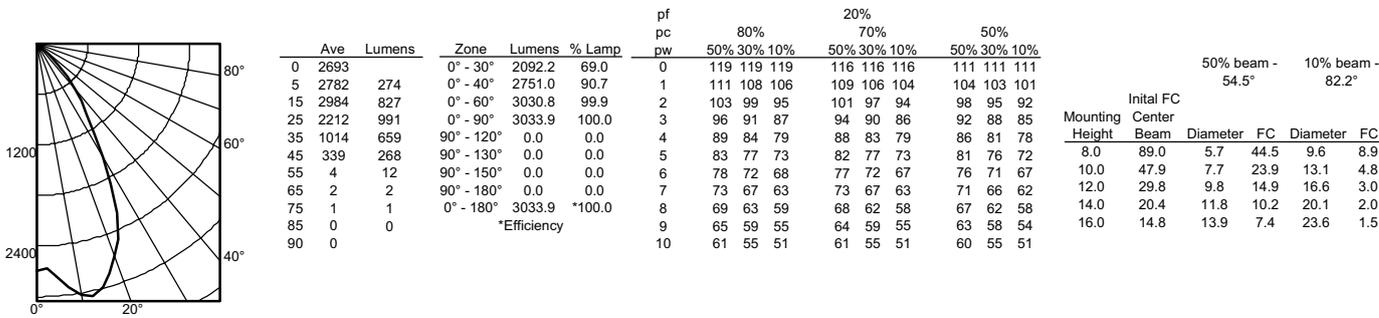
PHOTOMETRY

| Distribution Curve | Distribution Data | Output Data | Coefficient of Utilization | Illuminance Data at 30" Above Floor for a Single Luminaire |
|--------------------|-------------------|-------------|----------------------------|--|
|--------------------|-------------------|-------------|----------------------------|--|

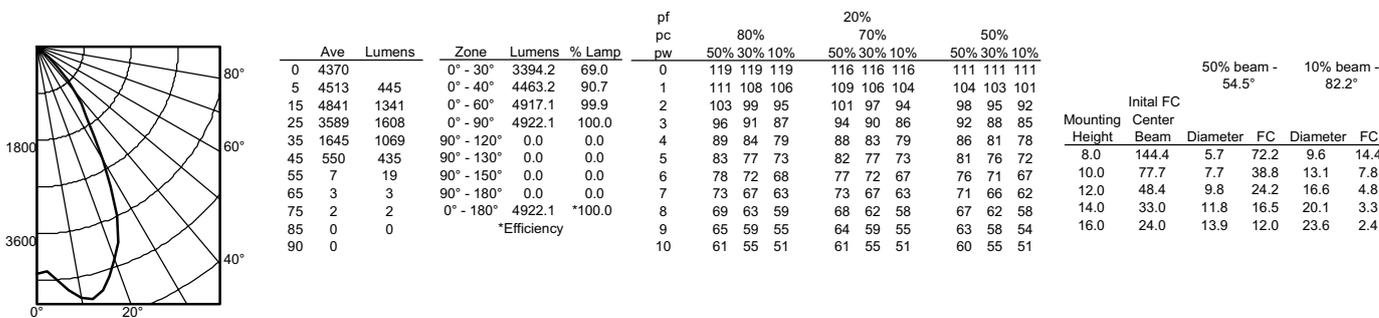
LDN6 35/10 L06AR, input watts: 12.75, delivered lumens: 1082, LM/W = 84.86, spacing criterion at 0= 1.02, test no. ISF 30716P31.



LDN6 35/30 L06AR, input watts: 34.69, delivered lumens: 3033.9, LM/W = 87.45, spacing criterion at 0= 1.02, test no. ISF 30716P22.



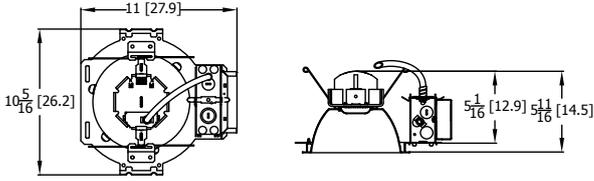
LDN6 35/50 L06AR, input watts: 55.56, delivered lumens: 4922.1, LM/W = 88.59, spacing criterion at 0= 1.02, test no. ISF 30716P40.



LDN6

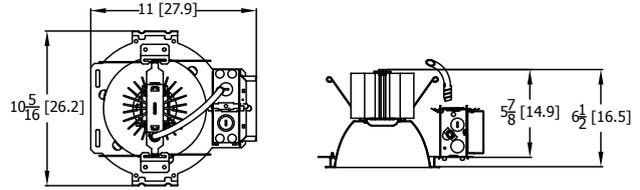
* All dimensions are inches (centimeters) unless otherwise noted.

LDN6 500-1500 LUMEN



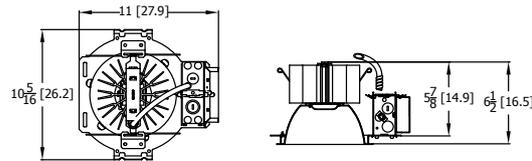
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap trim: 7-1/2 (19.1)

LDN6 2000-3000 LUMEN



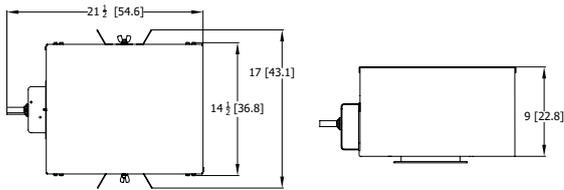
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap trim: 7-1/2 (19.1)

LDN6 4000-5000 LUMEN



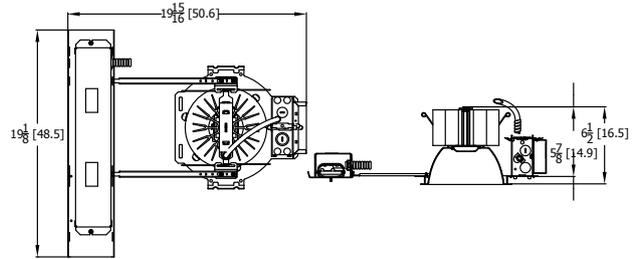
Marked Spacing: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap trim: 7-1/2 (19.1)

LDN6 CP



Aperture: 6-1/4" (15.9)
Ceiling Opening: 7-1/8" (18.1)
Overlap trim: 7-1/2" (19.1)

LDN6 EL-ELR



Marked Spacing above 3000 lumen: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap trim: 7-1/2 (19.1)

| LDN6 | | | |
|--------------|----------------|---------|------|
| Target Lumen | Lumens @ 3500K | Wattage | LPW |
| 500 | 662.2 | 7.6 | 87.1 |
| 1000 | 1082.0 | 12.8 | 84.5 |
| 1500 | 1606.0 | 20.5 | 78.3 |
| 2000 | 2023.0 | 22.6 | 89.5 |
| 2500 | 2529.5 | 27.1 | 93.3 |
| 3000 | 3034.0 | 34.7 | 87.4 |
| 4000 | 3977.5 | 44.1 | 90.2 |
| 5000 | 4922.2 | 55.5 | 88.7 |

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at Designlight Consortium.

| | LUMEN OUTPUT MULTIPLIERS - FINISH | | |
|---------------------|-----------------------------------|------------|------------|
| | Clear (AR) | White (WR) | Black (BR) |
| Specular (LS) | 1.0 | N/A | N/A |
| Semi-specular (LSS) | 0.950 | N/A | N/A |
| Matte diffuse (LD) | 0.85 | N/A | N/A |
| Painted | N/A | 0.87 | 0.73 |

| | LUMEN OUTPUT MULTIPLIERS - CCT | | | | |
|-------|--------------------------------|-------|-------|-------|-------|
| | 2700K | 3000K | 3500K | 4000K | 5000K |
| 80CRI | 0.950 | 0.966 | 1.000 | 1.025 | 1.101 |

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

ADDITIONAL DATA

| COMPATIBLE 0-10V WALL-MOUNT DIMMERS | | |
|-------------------------------------|---|-------------------------|
| MANUFACTURER | PART NO. | POWER BOOSTER AVAILABLE |
| Lutron® | Diva® DVTV | |
| | Diva® DVSCTV | |
| | Nova T® NTFTV | |
| | Nova® NFTV | |
| Leviton® | AWSMT-7DW | CN100 |
| | AWSMG-7DW | PE300 |
| | AMRMG-7DW | |
| | Leviton Centura Fluorescent Control System | |
| | IllumaTech® IP7 Series | |
| Synergy® | ISD BC | RDMFC |
| | SLD LPCS | |
| | Digital Equinox (DEQ BC) | |
| Douglas Lighting Controls | WPC-5721 | |
| Entertainment Technology | Tap Glide TG600FAM120 (120V) | |
| | Tap Glide Heatsink TGH1500FAM120 (120V) | |
| | Oasis OA2000FAMU | |
| Honeywell | EL7315A1019 | EL7305A1010 (optional) |
| | EL7315A1009 | |
| HUNT Dimming | Preset slide: PS-010-IV and PS-010-WH | |
| | Preset slide: PS-010-3W-IV and PS-010-3W-WH | |
| | Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V | |
| | Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V | |
| | Remote mounted unit: FD-010 | |
| Lehigh Electronic Products | Solitaire | PBX |
| PDM Electrical Products | WPC-5721 | |
| Starfield Controls | TR61 with DALI interface port | RT03 DALInet Router |
| WattStopper® | LS-4 used with LCD-101 and LCD-103 | |

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background***
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background***

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

LDN6

EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

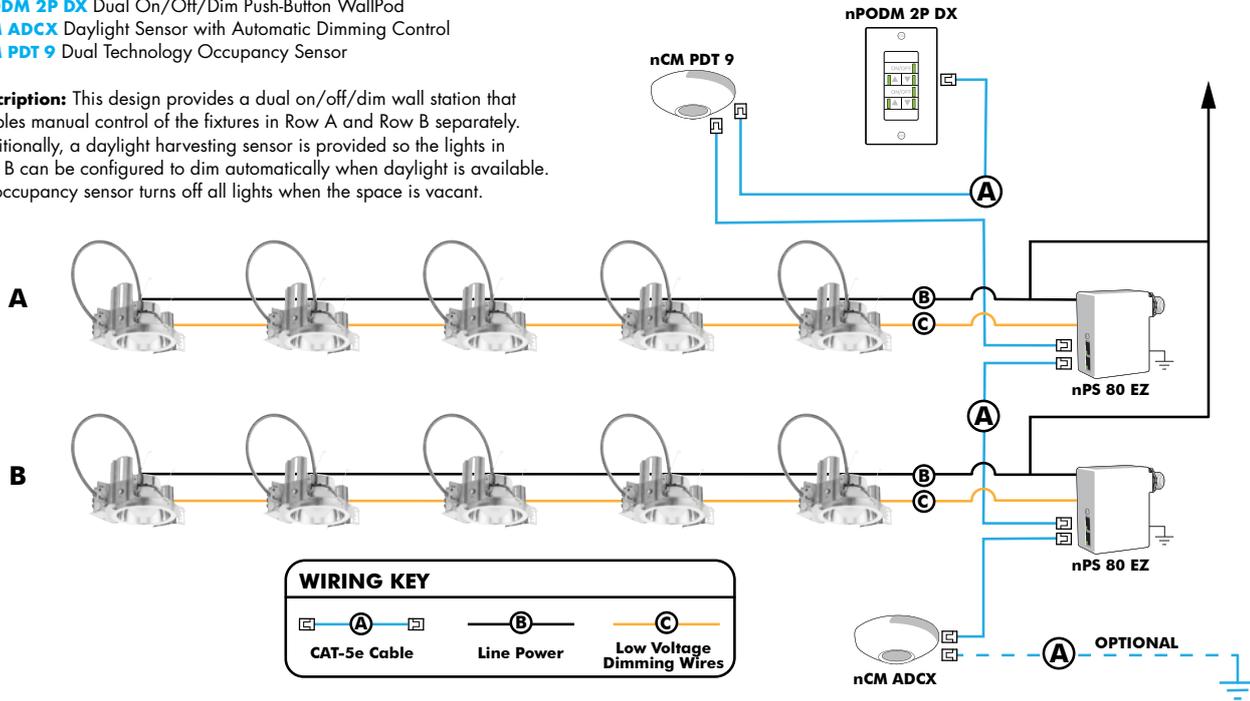
nPS 80 EZ Dimming/Control Pack (qty: 2 required)

nPODM 2P DX Dual On/Off/Dim Push-Button WallPod

nCM ADCX Daylight Sensor with Automatic Dimming Control

nCM PDT 9 Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.



Choose Wall Controls

nLight offers multiple styles of wall controls - each with varying features and user experience.



Push-Button Wallpod
Traditional tactile buttons and LED user feedback



Graphic Wallpod
Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.

| WallPod Stations | Model number | Occupancy sensors | Model Number |
|---------------------------|---------------------|--|-----------------------------|
| On/Off | nPODM (Color) | Small motion 360°, ceiling (PIR/dual Tech) | nCM 9 / nCM PDT 9 |
| On/Off & Raise/Lower | nPOD DX (Color) | Large motion 360°, ceiling (PIR/dual tech) | nCM 10 / nCM PDT 10 |
| Graphic Touchscreen | nPOD GFX (Color) | Wide View (PIR/dual tech) | nWV 16 / nWV PDT 16 |
| Photocell controls | Model Number | Wall Switch w/ Raise/Lower (PIR/dual tech) | nWSX LV DX / nWSX PDT LV DX |
| Dimming | nCM ADCX | Cat-5 cables (plenum rated) | Model Number |
| | | 10', CAT5 10FT | CAT5 10FT J1 |
| | | 15', CAT5 15FT | CAT5 15FT J1 |

nLight® AIR Control Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches

| Model number | Model number |
|----------------------------------|---------------------------|
| On/Off single pole | rPODB [color] |
| On/Off two pole | rPODB 2P [color] |
| On/Off & raise/lower single pole | rPODB DX [color] |
| On/Off & raise/lower two pole | rPODB 2P DX [color] |
| On/Off & raise/lower single pole | rPODBZ DX WH ¹ |

Notes

1 Can only be ordered with the RES7Z zone control sensor version.

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.



Simple as 1,2,3

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome





D-Series Size 1 LED Wall Luminaire



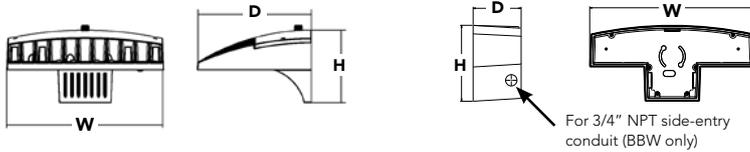
d"series

Specifications Luminaire

| | | | |
|----------------|----------------------|----------------|--------------------|
| Width: | 13-3/4" (34.9 cm) | Weight: | 12 lbs (5.4 kg) |
| Depth: | 10" (25.4 cm) | | |
| Height: | 6-3/8" (16.2 cm) | | |

Back Box (BBW, ELCW)

| | | | |
|----------------|----------------------|---------------------|--------------------|
| Width: | 13-3/4" (34.9 cm) | BBW Weight: | 5 lbs (2.3 kg) |
| Depth: | 4" (10.2 cm) | ELCW Weight: | 10 lbs (4.5 kg) |
| Height: | 6-3/8" (16.2 cm) | | |



| | |
|----------------|--------------------|
| Catalog Number | F6 & F7 |
| Notes | |
| Type | |

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

Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance. With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

| Series | LEDs | Drive Current | Color temperature | Distribution | Voltage | Mounting | Control Options |
|-----------|--|---|--|---|--|---|---|
| DSXW1 LED | 10C 10 LEDs (one engine) 20C 20 LEDs (two engines) ¹ | 350 350 mA 530 530 mA 700 700 mA 1000 1000 mA (1 A) ¹ | 30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted | T2S Type II Short T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium ASYDF Asymmetric diffuse | MVOLT ² 120 ³ 208 ³ 240 ³ 277 ³ 347 ^{3,4} 480 ^{3,4} | Shipped included (blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry) ⁵ | Shipped installed PE Photoelectric cell, button type ⁶ DMG 0-10v dimming wires pulled outside fixture (for use with an external control, ordered separately) PIR 180° motion/ambient light sensor, <15' mtg ht ^{1,7} PIRH 180° motion/ambient light sensor, 15-30' mtg ht ^{1,7} PIR1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{1,7} PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{1,7} ELCW Emergency battery backup (includes external component enclosure), CA Title 20 Noncompliant ^{8,9} |

| Other Options | Finish (required) |
|---|--|
| Shipped installed SF Single fuse (120, 277 or 347V) ^{3,10} DF Double fuse (208, 240 or 480V) ^{3,10} HS House-side shield ¹¹ SPD Separate surge protection ¹² Shipped separately ¹¹ BSW Bird-deterrent spikes WG Wire guard VG Vandal guard DDL Diffused drop lens | DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone |

Accessories

Ordered and shipped separately.

| | |
|-----------|--|
| DSXWHS U | House-side shield (one per light engine) |
| DSXWBSW U | Bird-deterrent spikes |
| DSXW1WG U | Wire guard accessory |
| DSXW1VG U | Vandal guard accessory |

NOTES

- 20C 1000 is not available with PIR, PIRH, PIR1FC3V or PIRH1FC3V.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option.
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- Reference Motion Sensor table on page 3.
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
- Not available with SPD.
- Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- Not available with ELCW.



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.

| LEDs | Drive Current (mA) | System Watts | Dist. Type | 30K (3000 K, 70CRI) | | | | | 40K (4000 K, 70CRI) | | | | | 50K (5000 K, 70CRI) | | | | | AMBPC (Amber Phosphor Converted) | | | | | |
|-----------|--------------------|--------------|------------|---------------------|-------|-----|-------|-------|---------------------|-------|-----|-------|-------|---------------------|-------|-----|-------|-------|----------------------------------|-------|----|----|-----|----|
| | | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | |
| (10 LEDs) | 350mA | 13W | T2S | 1,415 | 0 | 0 | 1 | 109 | 1,520 | 0 | 0 | 1 | 117 | 1,530 | 0 | 0 | 1 | 118 | 894 | 0 | 0 | 1 | 69 | |
| | | | T2M | 1,349 | 0 | 0 | 1 | 104 | 1,448 | 0 | 0 | 1 | 111 | 1,458 | 0 | 0 | 1 | 112 | 852 | 0 | 0 | 1 | 66 | |
| | | | T3S | 1,399 | 0 | 0 | 1 | 108 | 1,503 | 0 | 0 | 1 | 116 | 1,512 | 0 | 0 | 1 | 116 | 884 | 0 | 0 | 1 | 68 | |
| | | | T3M | 1,385 | 0 | 0 | 1 | 107 | 1,488 | 0 | 0 | 1 | 114 | 1,497 | 0 | 0 | 1 | 115 | 876 | 0 | 0 | 1 | 67 | |
| | | | T4M | 1,357 | 0 | 0 | 1 | 104 | 1,458 | 0 | 0 | 1 | 112 | 1,467 | 0 | 0 | 1 | 113 | 858 | 0 | 0 | 1 | 66 | |
| | | | TFTM | 1,411 | 0 | 0 | 1 | 109 | 1,515 | 0 | 0 | 1 | 117 | 1,525 | 0 | 0 | 1 | 117 | 892 | 0 | 0 | 1 | 69 | |
| | ASDYF | 1,262 | 1 | 0 | 1 | 97 | 1,354 | 1 | 0 | 1 | 104 | 1,363 | 1 | 0 | 1 | 105 | 797 | 0 | 0 | 1 | 61 | | | |
| | 530 mA | 19W | T2S | 2,053 | 1 | 0 | 1 | 108 | 2,205 | 1 | 0 | 1 | 116 | 2,220 | 1 | 0 | 1 | 117 | 1,264 | 0 | 0 | 1 | 67 | |
| | | | T2M | 1,957 | 1 | 0 | 1 | 103 | 2,102 | 1 | 0 | 1 | 111 | 2,115 | 1 | 0 | 1 | 111 | 1,205 | 0 | 0 | 1 | 63 | |
| | | | T3S | 2,031 | 1 | 0 | 1 | 107 | 2,181 | 1 | 0 | 1 | 115 | 2,194 | 1 | 0 | 1 | 115 | 1,250 | 0 | 0 | 1 | 66 | |
| | | | T3M | 2,010 | 1 | 0 | 1 | 106 | 2,159 | 1 | 0 | 1 | 114 | 2,172 | 1 | 0 | 1 | 114 | 1,237 | 0 | 0 | 1 | 65 | |
| | | | T4M | 1,970 | 1 | 0 | 1 | 104 | 2,115 | 1 | 0 | 1 | 111 | 2,129 | 1 | 0 | 1 | 112 | 1,212 | 0 | 0 | 1 | 64 | |
| | | | TFTM | 2,047 | 0 | 0 | 1 | 108 | 2,198 | 1 | 0 | 1 | 116 | 2,212 | 1 | 0 | 1 | 116 | 1,260 | 0 | 0 | 1 | 66 | |
| | ASDYF | 1,831 | 1 | 0 | 1 | 96 | 1,966 | 1 | 0 | 1 | 103 | 1,978 | 1 | 0 | 1 | 104 | 1,127 | 0 | 0 | 1 | 59 | | | |
| | 700 mA | 26W | T2S | 2,623 | 1 | 0 | 1 | 101 | 2,816 | 1 | 0 | 1 | 108 | 2,834 | 1 | 0 | 1 | 109 | 1,544 | 0 | 0 | 1 | 59 | |
| | | | T2M | 2,499 | 1 | 0 | 1 | 96 | 2,684 | 1 | 0 | 1 | 103 | 2,701 | 1 | 0 | 1 | 104 | 1,472 | 0 | 0 | 1 | 57 | |
| | | | T3S | 2,593 | 1 | 0 | 1 | 100 | 2,785 | 1 | 0 | 1 | 107 | 2,802 | 1 | 0 | 1 | 108 | 1,527 | 0 | 0 | 1 | 59 | |
| | | | T3M | 2,567 | 1 | 0 | 1 | 99 | 2,757 | 1 | 0 | 1 | 106 | 2,774 | 1 | 0 | 1 | 107 | 1,512 | 0 | 0 | 1 | 58 | |
| | | | T4M | 2,515 | 1 | 0 | 1 | 97 | 2,701 | 1 | 0 | 1 | 104 | 2,718 | 1 | 0 | 1 | 105 | 1,481 | 0 | 0 | 1 | 57 | |
| | | | TFTM | 2,614 | 1 | 0 | 1 | 101 | 2,808 | 1 | 0 | 1 | 108 | 2,825 | 1 | 0 | 1 | 109 | 1,539 | 0 | 0 | 1 | 59 | |
| | ASDYF | 2,337 | 1 | 0 | 1 | 90 | 2,510 | 1 | 0 | 1 | 97 | 2,525 | 1 | 0 | 1 | 97 | 1,376 | 1 | 0 | 1 | 53 | | | |
| | 1000 mA | 39W | T2S | 3,685 | 1 | 0 | 1 | 94 | 3,957 | 1 | 0 | 1 | 101 | 3,982 | 1 | 0 | 1 | 102 | 2,235 | 1 | 0 | 1 | 57 | |
| | | | T2M | 3,512 | 1 | 0 | 1 | 90 | 3,771 | 1 | 0 | 1 | 97 | 3,794 | 1 | 0 | 1 | 97 | 2,130 | 1 | 0 | 1 | 55 | |
| | | | T3S | 3,644 | 1 | 0 | 1 | 93 | 3,913 | 1 | 0 | 1 | 100 | 3,938 | 1 | 0 | 1 | 101 | 2,210 | 1 | 0 | 1 | 57 | |
| | | | T3M | 3,607 | 1 | 0 | 1 | 92 | 3,873 | 1 | 0 | 1 | 99 | 3,898 | 1 | 0 | 1 | 100 | 2,187 | 1 | 0 | 1 | 56 | |
| | | | T4M | 3,534 | 1 | 0 | 2 | 91 | 3,796 | 1 | 0 | 2 | 97 | 3,819 | 1 | 0 | 2 | 98 | 2,143 | 1 | 0 | 1 | 55 | |
| | | | TFTM | 3,673 | 1 | 0 | 1 | 94 | 3,945 | 1 | 0 | 1 | 101 | 3,969 | 1 | 0 | 1 | 102 | 2,228 | 1 | 0 | 1 | 57 | |
| | ASDYF | 3,284 | 1 | 0 | 2 | 84 | 3,527 | 1 | 0 | 2 | 90 | 3,549 | 1 | 0 | 2 | 91 | 1,992 | 1 | 0 | 1 | 51 | | | |
| | (20 LEDs) | 350mA | 23W | T2S | 2,820 | 1 | 0 | 1 | 123 | 3,028 | 1 | 0 | 1 | 132 | 3,047 | 1 | 0 | 1 | 132 | 1,777 | 1 | 0 | 1 | 77 |
| | | | | T2M | 2,688 | 1 | 0 | 1 | 117 | 2,886 | 1 | 0 | 1 | 125 | 2,904 | 1 | 0 | 1 | 126 | 1,693 | 1 | 0 | 1 | 74 |
| | | | | T3S | 2,789 | 1 | 0 | 1 | 121 | 2,994 | 1 | 0 | 1 | 130 | 3,014 | 1 | 0 | 1 | 131 | 1,757 | 0 | 0 | 1 | 76 |
| | | | | T3M | 2,760 | 1 | 0 | 1 | 120 | 2,965 | 1 | 0 | 1 | 129 | 2,983 | 1 | 0 | 1 | 130 | 1,739 | 1 | 0 | 1 | 76 |
| | | | | T4M | 2,704 | 1 | 0 | 1 | 118 | 2,905 | 1 | 0 | 1 | 126 | 2,922 | 1 | 0 | 1 | 127 | 1,704 | 1 | 0 | 1 | 74 |
| | | | | TFTM | 2,811 | 1 | 0 | 1 | 122 | 3,019 | 1 | 0 | 1 | 131 | 3,038 | 1 | 0 | 1 | 132 | 1,771 | 0 | 0 | 1 | 77 |
| | | ASDYF | 2,514 | 1 | 0 | 1 | 109 | 2,699 | 1 | 0 | 1 | 117 | 2,716 | 1 | 0 | 1 | 118 | 1,584 | 1 | 0 | 1 | 69 | | |
| | | 530 mA | 35W | T2S | 4,079 | 1 | 0 | 1 | 117 | 4,380 | 1 | 0 | 1 | 125 | 4,407 | 1 | 0 | 1 | 126 | 2,504 | 1 | 0 | 1 | 72 |
| T2M | | | | 3,887 | 1 | 0 | 1 | 111 | 4,174 | 1 | 0 | 1 | 119 | 4,201 | 1 | 0 | 1 | 120 | 2,387 | 1 | 0 | 1 | 68 | |
| T3S | | | | 4,033 | 1 | 0 | 1 | 115 | 4,331 | 1 | 0 | 1 | 124 | 4,359 | 1 | 0 | 1 | 125 | 2,477 | 1 | 0 | 1 | 71 | |
| T3M | | | | 3,993 | 1 | 0 | 2 | 114 | 4,288 | 1 | 0 | 2 | 123 | 4,315 | 1 | 0 | 2 | 123 | 2,451 | 1 | 0 | 1 | 70 | |
| T4M | | | | 3,912 | 1 | 0 | 2 | 112 | 4,201 | 1 | 0 | 2 | 120 | 4,227 | 1 | 0 | 2 | 121 | 2,402 | 1 | 0 | 1 | 69 | |
| TFTM | | | | 4,066 | 1 | 0 | 2 | 116 | 4,366 | 1 | 0 | 2 | 125 | 4,394 | 1 | 0 | 2 | 126 | 2,496 | 1 | 0 | 1 | 71 | |
| ASDYF | | 3,636 | 1 | 0 | 2 | 104 | 3,904 | 1 | 0 | 2 | 112 | 3,928 | 1 | 0 | 2 | 112 | 2,232 | 1 | 0 | 1 | 64 | | | |
| 700 mA | | 46W | T2S | 5,188 | 1 | 0 | 1 | 113 | 5,572 | 1 | 0 | 1 | 121 | 5,607 | 1 | 0 | 1 | 122 | 3,065 | 1 | 0 | 1 | 67 | |
| | | | T2M | 4,945 | 1 | 0 | 2 | 108 | 5,309 | 1 | 0 | 2 | 115 | 5,343 | 1 | 0 | 2 | 116 | 2,921 | 1 | 0 | 1 | 64 | |
| | | | T3S | 5,131 | 1 | 0 | 2 | 112 | 5,510 | 1 | 0 | 2 | 120 | 5,544 | 1 | 0 | 2 | 121 | 3,031 | 1 | 0 | 1 | 66 | |
| | | | T3M | 5,078 | 1 | 0 | 2 | 110 | 5,454 | 1 | 0 | 2 | 119 | 5,487 | 1 | 0 | 2 | 119 | 3,000 | 1 | 0 | 1 | 65 | |
| | | | T4M | 4,975 | 1 | 0 | 2 | 108 | 5,343 | 1 | 0 | 2 | 116 | 5,376 | 1 | 0 | 2 | 117 | 2,939 | 1 | 0 | 1 | 64 | |
| | | | TFTM | 5,172 | 1 | 0 | 2 | 112 | 5,554 | 1 | 0 | 2 | 121 | 5,589 | 1 | 0 | 2 | 122 | 3,055 | 1 | 0 | 1 | 66 | |
| ASDYF | | 4,624 | 1 | 0 | 2 | 101 | 4,965 | 1 | 0 | 2 | 108 | 4,996 | 1 | 0 | 2 | 109 | 2,732 | 1 | 0 | 1 | 59 | | | |
| 1000 mA | | 73W | T2S | 7,204 | 1 | 0 | 2 | 99 | 7,736 | 2 | 0 | 2 | 106 | 7,784 | 2 | 0 | 2 | 107 | 4,429 | 1 | 0 | 1 | 61 | |
| | | | T2M | 6,865 | 1 | 0 | 2 | 94 | 7,373 | 2 | 0 | 2 | 101 | 7,419 | 2 | 0 | 2 | 102 | 4,221 | 1 | 0 | 1 | 58 | |
| | | | T3S | 7,125 | 1 | 0 | 2 | 98 | 7,651 | 1 | 0 | 2 | 105 | 7,698 | 1 | 0 | 2 | 105 | 4,380 | 1 | 0 | 1 | 60 | |
| | | | T3M | 7,052 | 1 | 0 | 2 | 97 | 7,573 | 2 | 0 | 2 | 104 | 7,620 | 2 | 0 | 2 | 104 | 4,335 | 1 | 0 | 2 | 59 | |
| | | | T4M | 6,909 | 1 | 0 | 2 | 95 | 7,420 | 1 | 0 | 2 | 102 | 7,466 | 1 | 0 | 2 | 102 | 4,248 | 1 | 0 | 2 | 58 | |
| | | | TFTM | 7,182 | 1 | 0 | 2 | 98 | 7,712 | 1 | 0 | 2 | 106 | 7,761 | 1 | 0 | 2 | 106 | 4,415 | 1 | 0 | 2 | 60 | |
| ASDYF | | 6,421 | 2 | 0 | 2 | 88 | 6,896 | 2 | 0 | 3 | 94 | 6,938 | 2 | 0 | 3 | 95 | 3,947 | 1 | 0 | 2 | 54 | | | |

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

| Ambient | | Lumen Multiplier |
|-------------|-------------|------------------|
| 0°C | 32°F | 1.02 |
| 10°C | 50°F | 1.01 |
| 20°C | 68°F | 1.00 |
| 25°C | 77°F | 1.00 |
| 30°C | 86°F | 1.00 |
| 40°C | 104°F | 0.98 |

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW1 LED 20C 1000** platform 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 | 1.0 | 0.95 | 0.93 | 0.88 |

Electrical Load

| LEDs | Drive Current (mA) | System Watts | Current (A) | | | | | |
|------|--------------------|--------------|-------------|------|------|------|------|------|
| | | | 120V | 208V | 240V | 277V | 347V | 480V |
| 10C | 350 | 14 W | 0.13 | 0.07 | 0.06 | 0.06 | - | - |
| | 530 | 20 W | 0.19 | 0.11 | 0.09 | 0.08 | - | - |
| | 700 | 27 W | 0.25 | 0.14 | 0.13 | 0.11 | - | - |
| | 1000 | 40 W | 0.37 | 0.21 | 0.19 | 0.16 | - | - |
| 20C | 350 | 24 W | 0.23 | 0.13 | 0.12 | 0.10 | - | - |
| | 530 | 36 W | 0.33 | 0.19 | 0.17 | 0.14 | - | - |
| | 700 | 47 W | 0.44 | 0.25 | 0.22 | 0.19 | 0.15 | 0.11 |
| | 1000 | 74 W | 0.69 | 0.40 | 0.35 | 0.30 | 0.23 | 0.17 |

Motion Sensor Default Settings

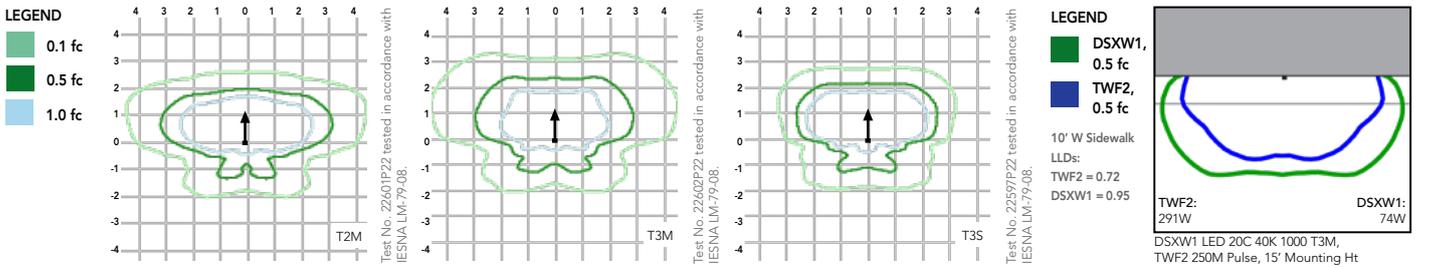
| Option | Dimmed State | High Level (when triggered) | Photocell Operation | Dwell Time | Ramp-up Time | Ramp-down Time |
|-----------------------|-----------------|-----------------------------|---------------------|------------|--------------|----------------|
| *PIR or PIRH | 3V (37%) Output | 10V (100%) Output | Enabled @ 5FC | 5 min | 3 sec | 5 min |
| PIR1FC3V or PIRH1FC3V | 3V (37%) Output | 10V (100%) Output | Enabled @ 1FC | 5 min | 3 sec | 5 min |

*for use with Inline Dusk to Dawn or timer

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Wall Size 1 homepage](#).

Isofootcandle plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



Options and Accessories



T3M (left), ASYDF (right) lenses



HS - House-side shields



BSW - Bird-deterrent spikes



WG - Wire guard



VG - Vandal guard



DDL - Diffused drop lens

FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

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 a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building mounted applications. Light engines are available in 3000 K (70 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 min. CRI) configurations.

ELECTRICAL

Light engine(s) consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L88/100,000 hrs at 25°C). Class 1 electronic drivers have a power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

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

WARRANTY

Five-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/terms-and-conditions

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.



Catalog Number

S1 & S3

Notes

Type

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

Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 400W metal halide with typical energy savings of 70% and expected service life of over 100,000 hours.

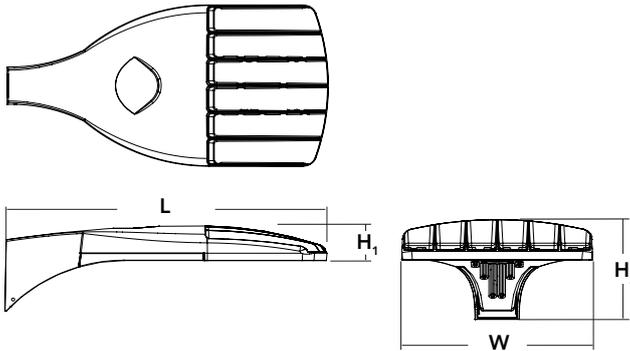


D-Series Size 0 LED Area Luminaire



Specifications

- EPA: 0.95 ft² (.09 m²)
- Length: 26" (66.0 cm)
- Width: 13" (33.0 cm)
- Height₁: 3" (7.62 cm)
- Height₂: 7" (17.8 cm)
- Weight (max): 16 lbs (7.25 kg)



A+ Capable options indicated by this color background.

Ordering Information

EXAMPLE: DSX0 LED P6 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

| DSX0 LED | Series | LEDs | Color temperature | Distribution | Voltage | Mounting | |
|----------|-----------------------|----------|--|---|---|--|--|
| DSX0 LED | Forward optics | P1 P4 P7 | 30K 3000 K 40K 4000 K 50K 5000 K | T1S Type I short T2S Type II short T2M Type II medium T3S Type III short T3M Type III medium T4M Type IV medium TFTM Forward throw medium TSVS Type V very short | T5S Type V short T5M Type V medium T5W Type V wide BLC Backlight control ² LCCO Left corner cutoff ² RCCO Right corner cutoff ² | MVOLT ^{3,4} 120 ⁴ 208 ⁴ 240 ⁴ 277 ⁴ 347 ^{4,5} 480 ^{4,5} | Shipped included SPA Square pole mounting RPA Round pole mounting WBA Wall bracket SPUMBA Square pole universal mounting adaptor ⁶ RPUMBA Round pole universal mounting adaptor ⁶ Shipped separately KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) ⁷ |

| Control options | Other options | Finish (required) |
|---|---|---|
| Shipped installed NLTAIR2 nLight AIR generation 2 enabled ^{8,9} PIRHN Network, high/low motion/ambient sensor ¹⁰ PER NEMA twist-lock receptacle only (control ordered separate) ¹¹ PER5 Five-pin receptacle only (control ordered separate) ^{11,12} PER7 Seven-pin receptacle only (leads exit fixture) (control ordered separate) ^{11,12} DMG 0-10V dimming extend out back of housing for external control (control ordered separate) | PIR High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 5fc ^{13,14} PIRHN High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 5fc ^{13,14} PIR1FC3V High/low, motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ^{13,14} PIR1FC3V High/low, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ^{13,14} FAO Field adjustable output ¹⁵ | Shipped installed HS House-side shield ¹⁶ SF Single fuse (120, 277, 347V) ⁴ DF Double fuse (208, 240, 480V) ⁴ L90 Left rotated optics ¹ R90 Right rotated optics ¹ DDL Diffused drop lens ¹⁶ Shipped separately BS Bird spikes ¹⁷ EGS External glare shield ¹⁷ |
| | | DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLTXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white |



Ordering Information

Accessories

Ordered and shipped separately.

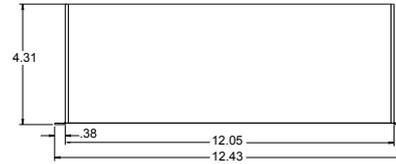
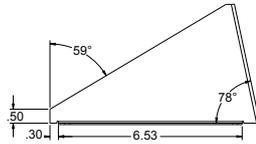
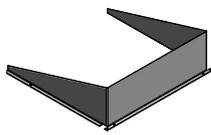
| | |
|--------------------|---|
| DLL127F 1.5 JU | Photocell - SSL twist-lock (120-277V) ¹⁸ |
| DLL347F 1.5 CUL JU | Photocell - SSL twist-lock (347V) ¹⁸ |
| DLL480F 1.5 CUL JU | Photocell - SSL twist-lock (480V) ¹⁸ |
| DSHORT SBK U | Shorting cap ¹⁹ |
| DSX0HS 20C U | House-side shield for P1, P2, P3 and P4 ¹⁶ |
| DSX0HS 30C U | House-side shield for P10, P11, P12 and P13 ¹⁶ |
| DSX0HS 40C U | House-side shield for P5, P6 AND P7 ¹⁶ |
| DSXODDL U | Diffused drop lens (polycarbonate) ¹⁶ |
| PUMBA DDBXD U* | Square and round pole universal mounting bracket adaptor (specify finish) ¹⁹ |
| KMA8 DDBXD U | Mast arm mounting bracket adaptor (specify finish) ⁴ |

For more control options, visit [DTL](#) and [ROAM](#) online. Link to [nLight Air 2](#)

NOTES

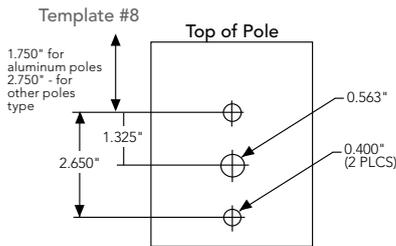
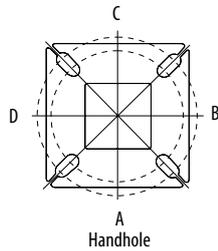
- P10, P11, P12 and P13 and rotated options (L90 or R90) only available together.
- Not available with HS or DDL.
- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Not available in P4, P7 or P13. Not available with BL30, BL50 or PNMT options.
- Universal mounting brackets intended for retrofit on existing pre-drilled poles only. 1.5 G vibration load rating per ANCI C136.31.
- Must order fixture with SPA mounting. Must be ordered as a separate accessory; see Accessories information. For use with 2-3/8" mast arm (not included).
- Must be ordered with PIRHN.
- Sensor cover available only in dark bronze, black, white and natural aluminum colors.
- Must be ordered with NLTAIR2. For more information on nLight Air 2 [visit this link](#)
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories. Shorting Cap included.
- If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Shorting Cap included.
- Reference Motion Sensor table on page 3.
- Reference PER Table on page 3 to see functionality.
- Not available with other dimming controls options.
- Not available with BLC, LCCO and RCCO distribution.
- Must be ordered with fixture for factory pre-drilling.
- Requires luminaire to be specified with PER, PER5 or PER7 option. See PER Table on page 3.
- For retrofit use only.

EGS – External Glare Shield



Drilling

HANDHOLE ORIENTATION (from top of pole)



Tenon Mounting Slipfitter

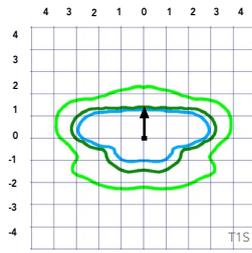
| Tenon O.D. | Single Unit | 2 at 180° | 2 at 90° | 3 at 120° | 3 at 90° | 4 at 90° |
|------------|-------------|-----------|-----------|-----------|-----------|-----------|
| 2-3/8" | AST20-190 | AST20-280 | AST20-290 | AST20-320 | AST20-390 | AST20-490 |
| 2-7/8" | AST25-190 | AST25-280 | AST25-290 | AST25-320 | AST25-390 | AST25-490 |
| 4" | AST35-190 | AST35-280 | AST35-290 | AST35-320 | AST35-390 | AST35-490 |

| Mounting Option | Drilling Template | Single | 2 @ 180 | 2 @ 90 | 3 @ 90 | 3 @ 120 | 4 @ 90 |
|--|-------------------|--------|------------|------------|---------------|-----------------|------------------|
| Head Location | | Side B | Side B & D | Side B & C | Side B, C & D | Round Pole Only | Side A, B, C & D |
| Drill Nomenclature | #8 | DM19AS | DM28AS | DM29AS | DM39AS | DM32AS | DM49AS |
| Minimum Acceptable Outside Pole Dimension | | | | | | | |
| SPA | #8 | 2-7/8" | 2-7/8" | 3.5" | 3.5" | | 3.5" |
| RPA | #8 | 2-7/8" | 2-7/8" | 3.5" | 3.5" | 3" | 3.5" |
| SPUMBA | #5 | 2-7/8" | 3" | 4" | 4" | | 4" |
| RPUMBA | #5 | 2-7/8" | 3.5" | 5" | 5" | 3.5" | 5" |

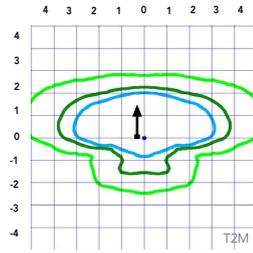
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [D-Series Area Size 0 homepage](#).

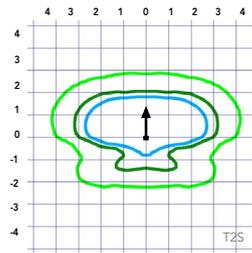
Isofootcandle plots for the DSX0 LED 40C 1000 40K. Distances are in units of mounting height (20').



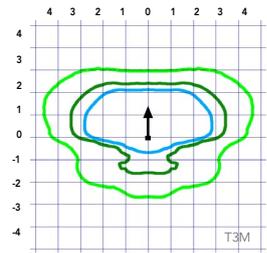
Test No.



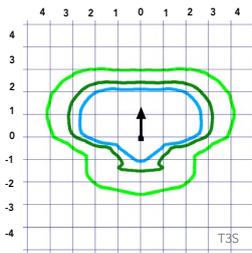
Test No.



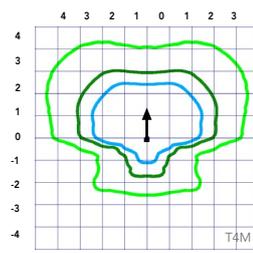
Test No. LT123457P25 tested in accordance with IESNA LM-79-08.



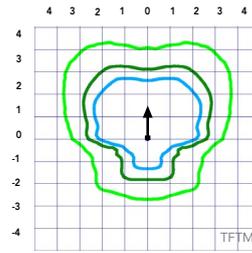
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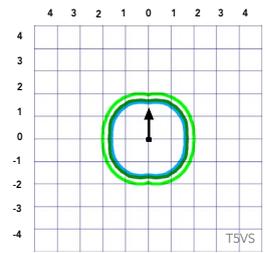
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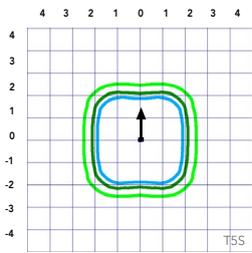
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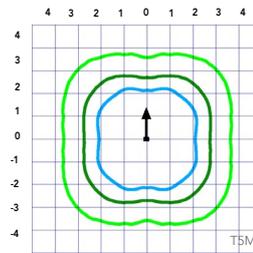
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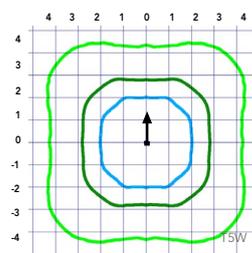
Test No.



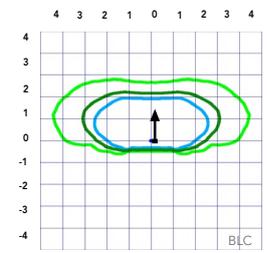
Test No.



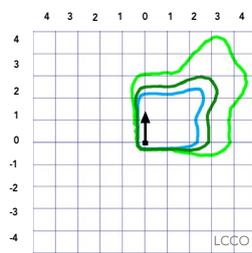
Test No.



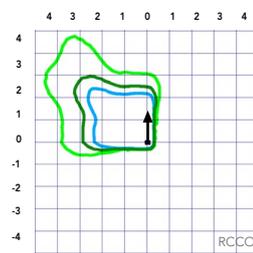
Test No. LT123451P25 tested in accordance with IESNA LM-79-08.



Test No.



Test No.



Test No.

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

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

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 | Lumen Maintenance Factor |
|-----------------|--------------------------|
| 25,000 | 0.96 |
| 50,000 | 0.92 |
| 100,000 | 0.85 |

| Motion Sensor Default Settings | | | | | | |
|--------------------------------|-----------------|-----------------------------|---------------------|------------|--------------|----------------|
| Option | Dimmed State | High Level (when triggered) | Photocell Operation | Dwell Time | Ramp-up Time | Ramp-down Time |
| PIR or PIRH | 3V (37%) Output | 10V (100%) Output | Enabled @ 5FC | 5 min | 3 sec | 5 min |
| *PIR1FC3V or PIRH1FC3V | 3V (37%) Output | 10V (100%) Output | Enabled @ 1FC | 5 min | 3 sec | 5 min |

*for use with separate Dusk to Dawn or timer.

Electrical Load

| | Performance Package | LED Count | Drive Current | Wattage | Current (A) | | | | | |
|--------------------------------------|---------------------|-----------|---------------|---------|-------------|------|------|------|------|------|
| | | | | | 120 | 208 | 240 | 277 | 347 | 480 |
| Forward Optics (Non-Rotated) | P1 | 20 | 530 | 38 | 0.32 | 0.18 | 0.15 | 0.15 | 0.10 | 0.08 |
| | P2 | 20 | 700 | 49 | 0.41 | 0.23 | 0.20 | 0.19 | 0.14 | 0.11 |
| | P3 | 20 | 1050 | 71 | 0.60 | 0.37 | 0.32 | 0.27 | 0.21 | 0.15 |
| | P4 | 20 | 1400 | 92 | 0.77 | 0.45 | 0.39 | 0.35 | 0.28 | 0.20 |
| | P5 | 40 | 700 | 89 | 0.74 | 0.43 | 0.38 | 0.34 | 0.26 | 0.20 |
| | P6 | 40 | 1050 | 134 | 1.13 | 0.65 | 0.55 | 0.48 | 0.39 | 0.29 |
| | P7 | 40 | 1300 | 166 | 1.38 | 0.80 | 0.69 | 0.60 | 0.50 | 0.37 |
| Rotated Optics (Requires L90 or R90) | P10 | 30 | 530 | 53 | 0.45 | 0.26 | 0.23 | 0.21 | 0.16 | 0.12 |
| | P11 | 30 | 700 | 72 | 0.60 | 0.35 | 0.30 | 0.27 | 0.20 | 0.16 |
| | P12 | 30 | 1050 | 104 | 0.88 | 0.50 | 0.44 | 0.39 | 0.31 | 0.23 |
| | P13 | 30 | 1300 | 128 | 1.08 | 0.62 | 0.54 | 0.48 | 0.37 | 0.27 |

Controls Options

| Nomenclature | Description | Functionality | Primary control device | Notes |
|---------------|---|---|---|--|
| FAO | Field adjustable output device installed inside the luminaire; wired to the driver dimming leads. | Allows the luminaire to be manually dimmed, effectively trimming the light output. | FAO device | Cannot be used with other controls options that need the 0-10V leads |
| DS | Drivers wired independently for 50/50 luminaire operation | The luminaire is wired to two separate circuits, allowing for 50/50 operation. | Independently wired drivers | Requires two separately switched circuits. Consider nLight AIR as a more cost effective alternative. |
| PER5 or PER7 | Twist-lock photocell receptacle | Compatible with standard twist-lock photocells for dusk to dawn operation, or advanced control nodes that provide 0-10V dimming signals. | Twist-lock photocells such as DLL Elite or advanced control nodes such as ROAM. | Pins 4 & 5 to dimming leads on driver, Pins 6 & 7 are capped inside luminaire |
| PIR or PIRH | Motion sensors with integral photocell. PIR for 8-15' mounting; PIRH for 15-30' mounting | Luminaires dim when no occupancy is detected. | Acuity Controls SBOR | Also available with PIRH1FC3V when the sensor photocell is used for dusk-to-dawn operation. |
| NLTAIR2 PIRHN | nLight AIR enabled luminaire for motion sensing, photocell and wireless communication. | Motion and ambient light sensing with group response. Scheduled dimming with motion sensor over-ride when wirelessly connected to the nLight Eclipse. | nLight Air rSDGR | nLight AIR sensors can be programmed and commissioned from the ground using the CLAIRity Pro app. |

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.

| Forward Optics | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-----------|---------------|--------------|------------|-------------------------|------|-----|-----|-------|-------------------------|---|---|-----|--------|-------------------------|---|---|-----|--------|---|---|---|-----|
| Power Package | LED Count | Drive Current | System Watts | Dist. Type | 30K (3000 K, 70 CRI) | | | | | 40K (4000 K, 70 CRI) | | | | | 50K (5000 K, 70 CRI) | | | | | | | | |
| | | | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | | | | |
| P1 | 20 | 530 | 38W | T1S | 4,369 | 1 | 0 | 1 | 115 | 4,706 | 1 | 0 | 1 | 124 | 4,766 | 1 | 0 | 1 | 125 | | | | |
| | | | | T2S | 4,364 | 1 | 0 | 1 | 115 | 4,701 | 1 | 0 | 1 | 124 | 4,761 | 1 | 0 | 1 | 125 | | | | |
| | | | | T2M | 4,387 | 1 | 0 | 1 | 115 | 4,726 | 1 | 0 | 1 | 124 | 4,785 | 1 | 0 | 1 | 126 | | | | |
| | | | | T3S | 4,248 | 1 | 0 | 1 | 112 | 4,577 | 1 | 0 | 1 | 120 | 4,634 | 1 | 0 | 1 | 122 | | | | |
| | | | | T3M | 4,376 | 1 | 0 | 1 | 115 | 4,714 | 1 | 0 | 1 | 124 | 4,774 | 1 | 0 | 1 | 126 | | | | |
| | | | | T4M | 4,281 | 1 | 0 | 1 | 113 | 4,612 | 1 | 0 | 2 | 121 | 4,670 | 1 | 0 | 2 | 123 | | | | |
| | | | | TFTM | 4,373 | 1 | 0 | 1 | 115 | 4,711 | 1 | 0 | 2 | 124 | 4,771 | 1 | 0 | 2 | 126 | | | | |
| | | | | TSVS | 4,548 | 2 | 0 | 0 | 120 | 4,900 | 2 | 0 | 0 | 129 | 4,962 | 2 | 0 | 0 | 131 | | | | |
| | | | | T5S | 4,552 | 2 | 0 | 0 | 120 | 4,904 | 2 | 0 | 0 | 129 | 4,966 | 2 | 0 | 0 | 131 | | | | |
| | | | | T5M | 4,541 | 3 | 0 | 1 | 120 | 4,891 | 3 | 0 | 1 | 129 | 4,953 | 3 | 0 | 1 | 130 | | | | |
| | | | | TSW | 4,576 | 3 | 0 | 2 | 120 | 4,929 | 3 | 0 | 2 | 130 | 4,992 | 3 | 0 | 2 | 131 | | | | |
| | | | | BLC | 3,586 | 1 | 0 | 1 | 94 | 3,863 | 1 | 0 | 1 | 102 | 3,912 | 1 | 0 | 1 | 103 | | | | |
| | | | | LCCO | 2,668 | 1 | 0 | 1 | 70 | 2,874 | 1 | 0 | 2 | 76 | 2,911 | 1 | 0 | 2 | 77 | | | | |
| | | | | RCCO | 2,668 | 1 | 0 | 1 | 70 | 2,874 | 1 | 0 | 2 | 76 | 2,911 | 1 | 0 | 2 | 77 | | | | |
| | | | | P2 | 20 | 700 | 49W | T1S | 5,570 | 1 | 0 | 1 | 114 | 6,001 | 1 | 0 | 1 | 122 | 6,077 | 2 | 0 | 2 | 124 |
| | | | | | | | | T2S | 5,564 | 1 | 0 | 2 | 114 | 5,994 | 1 | 0 | 2 | 122 | 6,070 | 2 | 0 | 2 | 124 |
| T2M | 5,593 | 1 | 0 | | | | | 1 | 114 | 6,025 | 1 | 0 | 1 | 123 | 6,102 | 1 | 0 | 1 | 125 | | | | |
| T3S | 5,417 | 1 | 0 | | | | | 2 | 111 | 5,835 | 1 | 0 | 2 | 119 | 5,909 | 2 | 0 | 2 | 121 | | | | |
| T3M | 5,580 | 1 | 0 | | | | | 2 | 114 | 6,011 | 1 | 0 | 2 | 123 | 6,087 | 1 | 0 | 2 | 124 | | | | |
| T4M | 5,458 | 1 | 0 | | | | | 2 | 111 | 5,880 | 1 | 0 | 2 | 120 | 5,955 | 1 | 0 | 2 | 122 | | | | |
| TFTM | 5,576 | 1 | 0 | | | | | 2 | 114 | 6,007 | 1 | 0 | 2 | 123 | 6,083 | 1 | 0 | 2 | 124 | | | | |
| TSVS | 5,799 | 2 | 0 | | | | | 0 | 118 | 6,247 | 2 | 0 | 0 | 127 | 6,327 | 2 | 0 | 0 | 129 | | | | |
| T5S | 5,804 | 2 | 0 | | | | | 0 | 118 | 6,252 | 2 | 0 | 0 | 128 | 6,332 | 2 | 0 | 1 | 129 | | | | |
| T5M | 5,789 | 3 | 0 | | | | | 1 | 118 | 6,237 | 3 | 0 | 1 | 127 | 6,316 | 3 | 0 | 1 | 129 | | | | |
| TSW | 5,834 | 3 | 0 | | | | | 2 | 119 | 6,285 | 3 | 0 | 2 | 128 | 6,364 | 3 | 0 | 2 | 130 | | | | |
| BLC | 4,572 | 1 | 0 | | | | | 1 | 93 | 4,925 | 1 | 0 | 1 | 101 | 4,987 | 1 | 0 | 1 | 102 | | | | |
| LCCO | 3,402 | 1 | 0 | | | | | 2 | 69 | 3,665 | 1 | 0 | 2 | 75 | 3,711 | 1 | 0 | 2 | 76 | | | | |
| RCCO | 3,402 | 1 | 0 | | | | | 2 | 69 | 3,665 | 1 | 0 | 2 | 75 | 3,711 | 1 | 0 | 2 | 76 | | | | |
| P3 | 20 | 1050 | 71W | | | | | T1S | 7,833 | 2 | 0 | 2 | 110 | 8,438 | 2 | 0 | 2 | 119 | 8,545 | 2 | 0 | 2 | 120 |
| | | | | | | | | T2S | 7,825 | 2 | 0 | 2 | 110 | 8,429 | 2 | 0 | 2 | 119 | 8,536 | 2 | 0 | 2 | 120 |
| | | | | T2M | 7,865 | 2 | 0 | 2 | 111 | 8,473 | 2 | 0 | 2 | 119 | 8,580 | 2 | 0 | 2 | 121 | | | | |
| | | | | T3S | 7,617 | 2 | 0 | 2 | 107 | 8,205 | 2 | 0 | 2 | 116 | 8,309 | 2 | 0 | 2 | 117 | | | | |
| | | | | T3M | 7,846 | 2 | 0 | 2 | 111 | 8,452 | 2 | 0 | 2 | 119 | 8,559 | 2 | 0 | 2 | 121 | | | | |
| | | | | T4M | 7,675 | 2 | 0 | 2 | 108 | 8,269 | 2 | 0 | 2 | 116 | 8,373 | 2 | 0 | 2 | 118 | | | | |
| | | | | TFTM | 7,841 | 2 | 0 | 2 | 110 | 8,447 | 2 | 0 | 2 | 119 | 8,554 | 2 | 0 | 2 | 120 | | | | |
| | | | | TSVS | 8,155 | 3 | 0 | 0 | 115 | 8,785 | 3 | 0 | 0 | 124 | 8,896 | 3 | 0 | 0 | 125 | | | | |
| | | | | T5S | 8,162 | 3 | 0 | 1 | 115 | 8,792 | 3 | 0 | 1 | 124 | 8,904 | 3 | 0 | 1 | 125 | | | | |
| | | | | T5M | 8,141 | 3 | 0 | 2 | 115 | 8,770 | 3 | 0 | 2 | 124 | 8,881 | 3 | 0 | 2 | 125 | | | | |
| | | | | TSW | 8,204 | 3 | 0 | 2 | 116 | 8,838 | 4 | 0 | 2 | 124 | 8,950 | 4 | 0 | 2 | 126 | | | | |
| | | | | BLC | 6,429 | 1 | 0 | 2 | 91 | 6,926 | 1 | 0 | 2 | 98 | 7,013 | 1 | 0 | 2 | 99 | | | | |
| | | | | LCCO | 4,784 | 1 | 0 | 2 | 67 | 5,153 | 1 | 0 | 2 | 73 | 5,218 | 1 | 0 | 2 | 73 | | | | |
| | | | | RCCO | 4,784 | 1 | 0 | 2 | 67 | 5,153 | 1 | 0 | 2 | 73 | 5,218 | 1 | 0 | 2 | 73 | | | | |
| | | | | P4 | 20 | 1400 | 92W | T1S | 9,791 | 2 | 0 | 2 | 106 | 10,547 | 2 | 0 | 2 | 115 | 10,681 | 2 | 0 | 2 | 116 |
| | | | | | | | | T2S | 9,780 | 2 | 0 | 2 | 106 | 10,536 | 2 | 0 | 2 | 115 | 10,669 | 2 | 0 | 2 | 116 |
| T2M | 9,831 | 2 | 0 | | | | | 2 | 107 | 10,590 | 2 | 0 | 2 | 115 | 10,724 | 2 | 0 | 2 | 117 | | | | |
| T3S | 9,521 | 2 | 0 | | | | | 2 | 103 | 10,256 | 2 | 0 | 2 | 111 | 10,386 | 2 | 0 | 2 | 113 | | | | |
| T3M | 9,807 | 2 | 0 | | | | | 2 | 107 | 10,565 | 2 | 0 | 2 | 115 | 10,698 | 2 | 0 | 2 | 116 | | | | |
| T4M | 9,594 | 2 | 0 | | | | | 2 | 104 | 10,335 | 2 | 0 | 3 | 112 | 10,466 | 2 | 0 | 3 | 114 | | | | |
| TFTM | 9,801 | 2 | 0 | | | | | 2 | 107 | 10,558 | 2 | 0 | 2 | 115 | 10,692 | 2 | 0 | 2 | 116 | | | | |
| TSVS | 10,193 | 3 | 0 | | | | | 1 | 111 | 10,981 | 3 | 0 | 1 | 119 | 11,120 | 3 | 0 | 1 | 121 | | | | |
| T5S | 10,201 | 3 | 0 | | | | | 1 | 111 | 10,990 | 3 | 0 | 1 | 119 | 11,129 | 3 | 0 | 1 | 121 | | | | |
| T5M | 10,176 | 4 | 0 | | | | | 2 | 111 | 10,962 | 4 | 0 | 2 | 119 | 11,101 | 4 | 0 | 2 | 121 | | | | |
| TSW | 10,254 | 4 | 0 | | | | | 3 | 111 | 11,047 | 4 | 0 | 3 | 120 | 11,186 | 4 | 0 | 3 | 122 | | | | |
| BLC | 8,036 | 1 | 0 | | | | | 2 | 87 | 8,656 | 1 | 0 | 2 | 94 | 8,766 | 1 | 0 | 2 | 95 | | | | |
| LCCO | 5,979 | 1 | 0 | | | | | 2 | 65 | 6,441 | 1 | 0 | 2 | 70 | 6,523 | 1 | 0 | 3 | 71 | | | | |
| RCCO | 5,979 | 1 | 0 | | | | | 2 | 65 | 6,441 | 1 | 0 | 2 | 70 | 6,523 | 1 | 0 | 3 | 71 | | | | |

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.

| Forward Optics | | | | | | | | | | | | | | | | | | | |
|----------------|-----------|---------------|--------------|------------|-------------------------|------|------|-----|--------|-------------------------|---|---|-----|--------|-------------------------|---|---|-----|--------|
| Power Package | LED Count | Drive Current | System Watts | Dist. Type | 30K (3000 K, 70 CRI) | | | | | 40K (4000 K, 70 CRI) | | | | | 50K (5000 K, 70 CRI) | | | | |
| | | | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW |
| P5 | 40 | 700 | 89W | T1S | 10,831 | 2 | 0 | 2 | 122 | 11,668 | 2 | 0 | 2 | 131 | 11,816 | 2 | 0 | 2 | 133 |
| | | | | T2S | 10,820 | 2 | 0 | 2 | 122 | 11,656 | 2 | 0 | 2 | 131 | 11,803 | 2 | 0 | 2 | 133 |
| | | | | T2M | 10,876 | 2 | 0 | 2 | 122 | 11,716 | 2 | 0 | 2 | 132 | 11,864 | 2 | 0 | 2 | 133 |
| | | | | T3S | 10,532 | 2 | 0 | 2 | 118 | 11,346 | 2 | 0 | 2 | 127 | 11,490 | 2 | 0 | 2 | 129 |
| | | | | T3M | 10,849 | 2 | 0 | 2 | 122 | 11,687 | 2 | 0 | 2 | 131 | 11,835 | 2 | 0 | 2 | 133 |
| | | | | T4M | 10,613 | 2 | 0 | 3 | 119 | 11,434 | 2 | 0 | 3 | 128 | 11,578 | 2 | 0 | 3 | 130 |
| | | | | TFTM | 10,842 | 2 | 0 | 2 | 122 | 11,680 | 2 | 0 | 2 | 131 | 11,828 | 2 | 0 | 2 | 133 |
| | | | | TSVS | 11,276 | 3 | 0 | 1 | 127 | 12,148 | 3 | 0 | 1 | 136 | 12,302 | 3 | 0 | 1 | 138 |
| | | | | TSS | 11,286 | 3 | 0 | 1 | 127 | 12,158 | 3 | 0 | 1 | 137 | 12,312 | 3 | 0 | 1 | 138 |
| | | | | TSM | 11,257 | 4 | 0 | 2 | 126 | 12,127 | 4 | 0 | 2 | 136 | 12,280 | 4 | 0 | 2 | 138 |
| | | | | TSW | 11,344 | 4 | 0 | 3 | 127 | 12,221 | 4 | 0 | 3 | 137 | 12,375 | 4 | 0 | 3 | 139 |
| | | | | BLC | 8,890 | 1 | 0 | 2 | 100 | 9,576 | 1 | 0 | 2 | 108 | 9,698 | 1 | 0 | 2 | 109 |
| | | | | LCCO | 6,615 | 1 | 0 | 3 | 74 | 7,126 | 1 | 0 | 3 | 80 | 7,216 | 1 | 0 | 3 | 81 |
| | | | | RCCO | 6,615 | 1 | 0 | 3 | 74 | 7,126 | 1 | 0 | 3 | 80 | 7,216 | 1 | 0 | 3 | 81 |
| | | | | P6 | 40 | 1050 | 134W | T1S | 14,805 | 3 | 0 | 3 | 110 | 15,949 | 3 | 0 | 3 | 119 | 16,151 |
| T2S | 14,789 | 3 | 0 | | | | | 3 | 110 | 15,932 | 3 | 0 | 3 | 119 | 16,134 | 3 | 0 | 3 | 120 |
| T2M | 14,865 | 3 | 0 | | | | | 3 | 111 | 16,014 | 3 | 0 | 3 | 120 | 16,217 | 3 | 0 | 3 | 121 |
| T3S | 14,396 | 3 | 0 | | | | | 3 | 107 | 15,509 | 3 | 0 | 3 | 116 | 15,705 | 3 | 0 | 3 | 117 |
| T3M | 14,829 | 2 | 0 | | | | | 3 | 111 | 15,975 | 3 | 0 | 3 | 119 | 16,177 | 3 | 0 | 3 | 121 |
| T4M | 14,507 | 2 | 0 | | | | | 3 | 108 | 15,628 | 3 | 0 | 3 | 117 | 15,826 | 3 | 0 | 3 | 118 |
| TFTM | 14,820 | 2 | 0 | | | | | 3 | 111 | 15,965 | 3 | 0 | 3 | 119 | 16,167 | 3 | 0 | 3 | 121 |
| TSVS | 15,413 | 4 | 0 | | | | | 1 | 115 | 16,604 | 4 | 0 | 1 | 124 | 16,815 | 4 | 0 | 1 | 125 |
| TSS | 15,426 | 3 | 0 | | | | | 1 | 115 | 16,618 | 4 | 0 | 1 | 124 | 16,828 | 4 | 0 | 1 | 126 |
| TSM | 15,387 | 4 | 0 | | | | | 2 | 115 | 16,576 | 4 | 0 | 2 | 124 | 16,786 | 4 | 0 | 2 | 125 |
| TSW | 15,506 | 4 | 0 | | | | | 3 | 116 | 16,704 | 4 | 0 | 3 | 125 | 16,915 | 4 | 0 | 3 | 126 |
| BLC | 12,151 | 1 | 0 | | | | | 2 | 91 | 13,090 | 1 | 0 | 2 | 98 | 13,255 | 1 | 0 | 2 | 99 |
| LCCO | 9,041 | 1 | 0 | | | | | 3 | 67 | 9,740 | 1 | 0 | 3 | 73 | 9,863 | 1 | 0 | 3 | 74 |
| RCCO | 9,041 | 1 | 0 | | | | | 3 | 67 | 9,740 | 1 | 0 | 3 | 73 | 9,863 | 1 | 0 | 3 | 74 |
| P7 | 40 | 1300 | 166W | | | | | T1S | 17,023 | 3 | 0 | 3 | 103 | 18,338 | 3 | 0 | 3 | 110 | 18,570 |
| | | | | T2S | 17,005 | 3 | 0 | 3 | 102 | 18,319 | 3 | 0 | 3 | 110 | 18,551 | 3 | 0 | 3 | 112 |
| | | | | T2M | 17,092 | 3 | 0 | 3 | 103 | 18,413 | 3 | 0 | 3 | 111 | 18,646 | 3 | 0 | 3 | 112 |
| | | | | T3S | 16,553 | 3 | 0 | 3 | 100 | 17,832 | 3 | 0 | 3 | 107 | 18,058 | 3 | 0 | 3 | 109 |
| | | | | T3M | 17,051 | 3 | 0 | 3 | 103 | 18,369 | 3 | 0 | 3 | 111 | 18,601 | 3 | 0 | 3 | 112 |
| | | | | T4M | 16,681 | 3 | 0 | 3 | 100 | 17,969 | 3 | 0 | 3 | 108 | 18,197 | 3 | 0 | 3 | 110 |
| | | | | TFTM | 17,040 | 3 | 0 | 3 | 103 | 18,357 | 3 | 0 | 4 | 111 | 18,590 | 3 | 0 | 4 | 112 |
| | | | | TSVS | 17,723 | 4 | 0 | 1 | 107 | 19,092 | 4 | 0 | 1 | 115 | 19,334 | 4 | 0 | 1 | 116 |
| | | | | TSS | 17,737 | 4 | 0 | 2 | 107 | 19,108 | 4 | 0 | 2 | 115 | 19,349 | 4 | 0 | 2 | 117 |
| | | | | TSM | 17,692 | 4 | 0 | 2 | 107 | 19,059 | 4 | 0 | 2 | 115 | 19,301 | 4 | 0 | 2 | 116 |
| | | | | TSW | 17,829 | 5 | 0 | 3 | 107 | 19,207 | 5 | 0 | 3 | 116 | 19,450 | 5 | 0 | 3 | 117 |
| | | | | BLC | 13,971 | 2 | 0 | 2 | 84 | 15,051 | 2 | 0 | 2 | 91 | 15,241 | 2 | 0 | 2 | 92 |
| | | | | LCCO | 10,396 | 1 | 0 | 3 | 63 | 11,199 | 1 | 0 | 3 | 67 | 11,341 | 1 | 0 | 3 | 68 |
| | | | | | 10,396 | 1 | 0 | 3 | 63 | 11,199 | 1 | 0 | 3 | 67 | 11,341 | 1 | 0 | 3 | 68 |

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.

| Rotated Optics | | | | | | | | | | | | | | | | | | | |
|----------------|-----------|---------------|--------------|------------|-------------------------|---|---|---|------|-------------------------|---|---|----|------|-------------------------|---|---|----|------|
| Power Package | LED Count | Drive Current | System Watts | Dist. Type | 30K (3000 K, 70 CRI) | | | | | 40K (4000 K, 70 CRI) | | | | | 50K (5000 K, 70 CRI) | | | | |
| | | | | | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW | Lumens | B | U | G | LPW |
| P10 | 30 | 530 | 53W | T1S | 6,727 | 2 | 0 | 2 | 127 | 7,247 | 3 | 0 | 3 | 137 | 7,339 | 3 | 0 | 3 | 138 |
| | | | | T2S | 6,689 | 3 | 0 | 3 | 126 | 7,205 | 3 | 0 | 3 | 136 | 7,297 | 3 | 0 | 3 | 138 |
| | | | | T2M | 6,809 | 3 | 0 | 3 | 128 | 7,336 | 3 | 0 | 3 | 138 | 7,428 | 3 | 0 | 3 | 140 |
| | | | | T3S | 6,585 | 3 | 0 | 3 | 124 | 7,094 | 3 | 0 | 3 | 134 | 7,183 | 3 | 0 | 3 | 136 |
| | | | | T3M | 6,805 | 3 | 0 | 3 | 128 | 7,331 | 3 | 0 | 3 | 138 | 7,424 | 3 | 0 | 3 | 140 |
| | | | | T4M | 6,677 | 3 | 0 | 3 | 126 | 7,193 | 3 | 0 | 3 | 136 | 7,284 | 3 | 0 | 3 | 137 |
| | | | | TFTM | 6,850 | 3 | 0 | 3 | 129 | 7,379 | 3 | 0 | 3 | 139 | 7,472 | 3 | 0 | 3 | 141 |
| | | | | T5VS | 6,898 | 3 | 0 | 0 | 130 | 7,431 | 3 | 0 | 0 | 140 | 7,525 | 3 | 0 | 0 | 142 |
| | | | | T5S | 6,840 | 2 | 0 | 1 | 129 | 7,368 | 2 | 0 | 1 | 139 | 7,461 | 2 | 0 | 1 | 141 |
| | | | | T5M | 6,838 | 3 | 0 | 1 | 129 | 7,366 | 3 | 0 | 2 | 139 | 7,460 | 3 | 0 | 2 | 141 |
| | | | | T5W | 6,777 | 3 | 0 | 2 | 128 | 7,300 | 3 | 0 | 2 | 138 | 7,393 | 3 | 0 | 2 | 139 |
| | | | | BLC | 5,626 | 2 | 0 | 2 | 106 | 6,060 | 2 | 0 | 2 | 114 | 6,137 | 2 | 0 | 2 | 116 |
| | | | | LCCO | 4,018 | 1 | 0 | 2 | 76 | 4,328 | 1 | 0 | 2 | 82 | 4,383 | 1 | 0 | 2 | 83 |
| | | | | RCCO | 4,013 | 3 | 0 | 3 | 76 | 4,323 | 3 | 0 | 3 | 82 | 4,377 | 3 | 0 | 3 | 83 |
| P11 | 30 | 700 | 72W | T1S | 8,594 | 3 | 0 | 3 | 119 | 9,258 | 3 | 0 | 3 | 129 | 9,376 | 3 | 0 | 3 | 130 |
| | | | | T2S | 8,545 | 3 | 0 | 3 | 119 | 9,205 | 3 | 0 | 3 | 128 | 9,322 | 3 | 0 | 3 | 129 |
| | | | | T2M | 8,699 | 3 | 0 | 3 | 121 | 9,371 | 3 | 0 | 3 | 130 | 9,490 | 3 | 0 | 3 | 132 |
| | | | | T3S | 8,412 | 3 | 0 | 3 | 117 | 9,062 | 3 | 0 | 3 | 126 | 9,177 | 3 | 0 | 3 | 127 |
| | | | | T3M | 8,694 | 3 | 0 | 3 | 121 | 9,366 | 3 | 0 | 3 | 130 | 9,484 | 3 | 0 | 3 | 132 |
| | | | | T4M | 8,530 | 3 | 0 | 3 | 118 | 9,189 | 3 | 0 | 3 | 128 | 9,305 | 3 | 0 | 3 | 129 |
| | | | | TFTM | 8,750 | 3 | 0 | 3 | 122 | 9,427 | 3 | 0 | 3 | 131 | 9,546 | 3 | 0 | 3 | 133 |
| | | | | T5VS | 8,812 | 3 | 0 | 0 | 122 | 9,493 | 3 | 0 | 0 | 132 | 9,613 | 3 | 0 | 0 | 134 |
| | | | | T5S | 8,738 | 3 | 0 | 1 | 121 | 9,413 | 3 | 0 | 1 | 131 | 9,532 | 3 | 0 | 1 | 132 |
| | | | | T5M | 8,736 | 3 | 0 | 2 | 121 | 9,411 | 3 | 0 | 2 | 131 | 9,530 | 3 | 0 | 2 | 132 |
| | | | | T5W | 8,657 | 4 | 0 | 2 | 120 | 9,326 | 4 | 0 | 2 | 130 | 9,444 | 4 | 0 | 2 | 131 |
| | | | | BLC | 7,187 | 3 | 0 | 3 | 100 | 7,742 | 3 | 0 | 3 | 108 | 7,840 | 3 | 0 | 3 | 109 |
| | | | | LCCO | 5,133 | 1 | 0 | 2 | 71 | 5,529 | 1 | 0 | 2 | 77 | 5,599 | 1 | 0 | 2 | 78 |
| | | | | RCCO | 5,126 | 3 | 0 | 3 | 71 | 5,522 | 3 | 0 | 3 | 77 | 5,592 | 3 | 0 | 3 | 78 |
| P12 | 30 | 1050 | 104W | T1S | 12,149 | 3 | 0 | 3 | 117 | 13,088 | 3 | 0 | 3 | 126 | 13,253 | 3 | 0 | 3 | 127 |
| | | | | T2S | 12,079 | 4 | 0 | 4 | 116 | 13,012 | 4 | 0 | 4 | 125 | 13,177 | 4 | 0 | 4 | 127 |
| | | | | T2M | 12,297 | 3 | 0 | 3 | 118 | 13,247 | 3 | 0 | 3 | 127 | 13,415 | 3 | 0 | 3 | 129 |
| | | | | T3S | 11,891 | 4 | 0 | 4 | 114 | 12,810 | 4 | 0 | 4 | 123 | 12,972 | 4 | 0 | 4 | 125 |
| | | | | T3M | 12,290 | 3 | 0 | 3 | 118 | 13,239 | 4 | 0 | 4 | 127 | 13,407 | 4 | 0 | 4 | 129 |
| | | | | T4M | 12,058 | 4 | 0 | 4 | 116 | 12,990 | 4 | 0 | 4 | 125 | 13,154 | 4 | 0 | 4 | 126 |
| | | | | TFTM | 12,369 | 4 | 0 | 4 | 119 | 13,325 | 4 | 0 | 4 | 128 | 13,494 | 4 | 0 | 4 | 130 |
| | | | | T5VS | 12,456 | 3 | 0 | 1 | 120 | 13,419 | 3 | 0 | 1 | 129 | 13,589 | 4 | 0 | 1 | 131 |
| | | | | T5S | 12,351 | 3 | 0 | 1 | 119 | 13,306 | 3 | 0 | 1 | 128 | 13,474 | 3 | 0 | 1 | 130 |
| | | | | T5M | 12,349 | 4 | 0 | 2 | 119 | 13,303 | 4 | 0 | 2 | 128 | 13,471 | 4 | 0 | 2 | 130 |
| | | | | T5W | 12,238 | 4 | 0 | 3 | 118 | 13,183 | 4 | 0 | 3 | 127 | 13,350 | 4 | 0 | 3 | 128 |
| | | | | BLC | 10,159 | 3 | 0 | 3 | 98 | 10,944 | 3 | 0 | 3 | 105 | 11,083 | 3 | 0 | 3 | 107 |
| | | | | LCCO | 7,256 | 1 | 0 | 3 | 70 | 7,816 | 1 | 0 | 3 | 75 | 7,915 | 1 | 0 | 3 | 76 |
| | | | | RCCO | 7,246 | 3 | 0 | 3 | 70 | 7,806 | 4 | 0 | 4 | 75 | 7,905 | 4 | 0 | 4 | 76 |
| P13 | 30 | 1300 | 128W | T1S | 14,438 | 3 | 0 | 3 | 113 | 15,554 | 3 | 0 | 3 | 122 | 15,751 | 3 | 0 | 3 | 123 |
| | | | | T2S | 14,355 | 4 | 0 | 4 | 112 | 15,465 | 4 | 0 | 4 | 121 | 15,660 | 4 | 0 | 4 | 122 |
| | | | | T2M | 14,614 | 3 | 0 | 3 | 114 | 15,744 | 4 | 0 | 4 | 123 | 15,943 | 4 | 0 | 4 | 125 |
| | | | | T3S | 14,132 | 4 | 0 | 4 | 110 | 15,224 | 4 | 0 | 4 | 119 | 15,417 | 4 | 0 | 4 | 120 |
| | | | | T3M | 14,606 | 4 | 0 | 4 | 114 | 15,735 | 4 | 0 | 4 | 123 | 15,934 | 4 | 0 | 4 | 124 |
| | | | | T4M | 14,330 | 4 | 0 | 4 | 112 | 15,438 | 4 | 0 | 4 | 121 | 15,633 | 4 | 0 | 4 | 122 |
| | | | | TFTM | 14,701 | 4 | 0 | 4 | 115 | 15,836 | 4 | 0 | 4 | 124 | 16,037 | 4 | 0 | 4 | 125 |
| | | | | T5VS | 14,804 | 4 | 0 | 1 | 116 | 15,948 | 4 | 0 | 1 | 125 | 16,150 | 4 | 0 | 1 | 126 |
| | | | | T5S | 14,679 | 3 | 0 | 1 | 115 | 15,814 | 3 | 0 | 1 | 124 | 16,014 | 3 | 0 | 1 | 125 |
| | | | | T5M | 14,676 | 4 | 0 | 2 | 115 | 15,810 | 4 | 0 | 2 | 124 | 16,010 | 4 | 0 | 2 | 125 |
| | | | | T5W | 14,544 | 4 | 0 | 3 | 114 | 15,668 | 4 | 0 | 3 | 122 | 15,866 | 4 | 0 | 3 | 124 |
| | | | | BLC | 7919 | 3 | 0 | 3 | 62 | 8531 | 3 | 0 | 3 | 67 | 8639 | 3 | 0 | 3 | 67 |
| | | | | LCCO | 5145 | 1 | 0 | 2 | 40 | 5543 | 1 | 0 | 2 | 43 | 5613 | 1 | 0 | 2 | 44 |
| | | | | | | | | | 5139 | 3 | 0 | 3 | 40 | 5536 | 3 | 0 | 3 | 43 | 5606 |

A+ Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is A+ Certified when ordered with DTL® controls marked by a shaded background. DTL DLL equipped luminaires meet the A+ specification for luminaire to photocontrol interoperability¹
- This luminaire is part of an A+ Certified solution for ROAM® or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background¹

To learn more about A+, visit www.acuitybrands.com/aplus.

1. See ordering tree for details.
2. A+ Certified Solutions for ROAM require the order of one ROAM node per luminaire. Sold Separately: [Link to Roam](#); [Link to DTL DLL](#)

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 0 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and pedestrian areas.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65). Low EPA (0.95 ft²) for optimized pole wind loading.

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 a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000 K, 4000 K or 5000 K (70 CRI) configurations. The D-Series Size 0 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) configurations consist of high-efficiency LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L85/100,000 hours at 25°C). Class 1 electronic drivers are designed to have a power factor >90%, THD <20%, and an expected life of 100,000 hours with <1% failure rate. Easily serviceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

STANDARD CONTROLS

The DSX0 LED area luminaire has a number of control options. Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell receptacles. Integrated motion sensors with on-board photocells feature field-adjustable programming and are suitable for mounting heights up to 30 feet.

nLIGHT AIR CONTROLS

The DSX0 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 and photocontrol functionality and is suitable for mounting heights up to 40 feet. Once commissioned using a smartphone and the easy-to-use CLAIRITY app, nLight AIR equipped luminaires 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 Eclipse. Additional information about nLight Air can be found [here](#).

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. Stainless steel bolts fasten the mounting block securely to poles and walls, enabling the D-Series Size 0 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. The D-Series Size 0 utilizes the AERIS™ series pole drilling pattern (template #8). Optional terminal block and NEMA photocontrol receptacle are also available.

LISTINGS

UL Listed for wet locations. Light engines are IP66 rated; luminaire is IP65 rated. Rated for -40°C minimum ambient. U.S. Patent No. D672,492 S. International patent pending.

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 www.designlights.org/QPL to confirm which versions are qualified.

International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 3000K color temperature only.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/resources/terms-and-conditions

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.

SIGN PROGRAM FOR
WILHELM
AUTOMOTIVE
MESA, ARIZONA

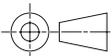
PRESENTED BY

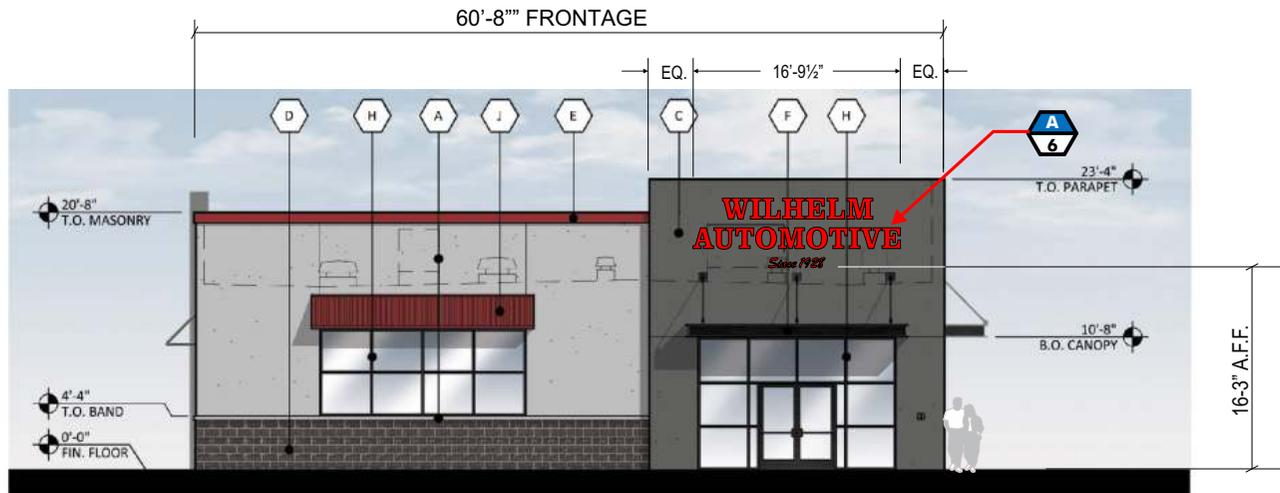


WILHELM AUTOMOTIVE

TABLE OF CONTENTS

| | |
|--|--------|
| SITE PLAN AND LOCATION MAP..... | PAGE 3 |
| NORTH AND WEST BUILDING ELEVATIONS..... | PAGE 4 |
| SOUTH AND EAST BUILDING ELEVATIONS..... | PAGE 5 |
| 2 LINE ILLUMINATED CHANNEL LETTERS..... | PAGE 6 |
| 1 LINE ILLUMINATED CHANNEL LETTERS..... | PAGE 7 |
| ACM SIGNS AND SIGN "D" CHANNEL ETTERS..... | PAGE 8 |

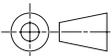
| | | | | | | | | | |
|---|----------------------------|-----------------------|-----------|---|--|---|--|---|--------------------|
| PROJECT NAME WILHELM AUTOMOTIVE | ADDRESS MESA, AZ | Invoice Number: | REVISIONS |  SIGNERGY <small>the interaction of a sign project that when combined produce a total effect that is greater than the sum of the individual elements, contributions, etc.</small> | <small>ALL IDEAS, PLANS, ARRANGEMENTS INDICATED ON THIS DRAWING ARE COPYRIGHTED AND OWNED BY INDIE SIGNAGE AND SHALL NOT BE REPRODUCED, USED OR DISCLOSED TO ANY PERSONS, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN PERMISSION OF INDIE SIGNAGE</small> | <small>DRAWING NO.</small> 19-07-0049 <small>DRAWING DATE:</small> 7/24/2019 PAGE 2 OF 8 PAGES <small>©2019 INDIE SIGNS All Rights reserved</small> | 20118 N 67th Ave STE 300-218 Glendale AZ 85308 Phone: 623-302-4545 Email: jose@indiesignage.com |  INDIE SIGNAGE | |
| | | Sales Rep.: JV | | | | | | | Customer Approval: |
| | | Designer: MO | | | | | | | Date of Approval: |
| | | | | <small>SCALE: AS NOTED ELSEWITS</small> <small>Drawing Tolerance: 1/8 INCH</small> | | | | | |

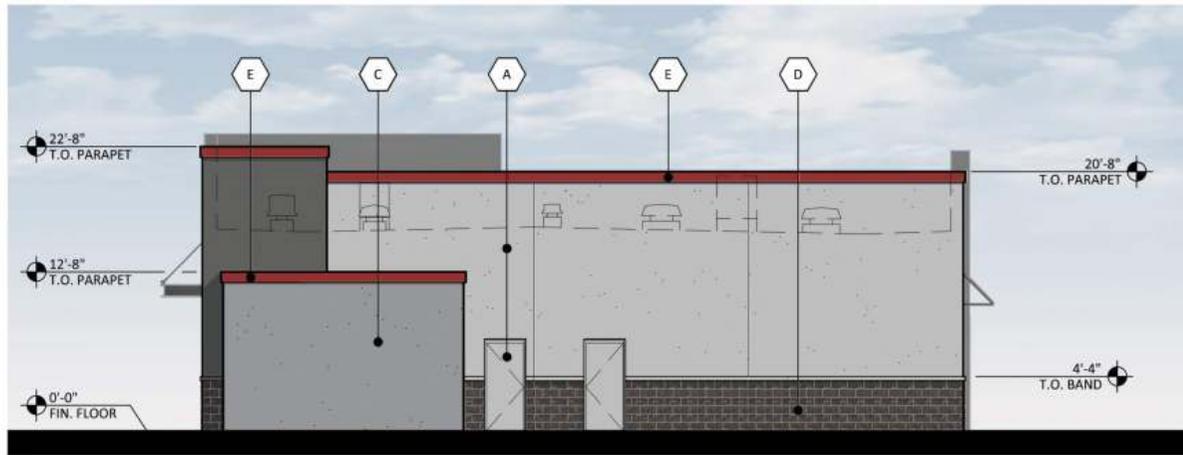


1 NORTH ELEVATION
SCALE: 3/32"=1'-0"

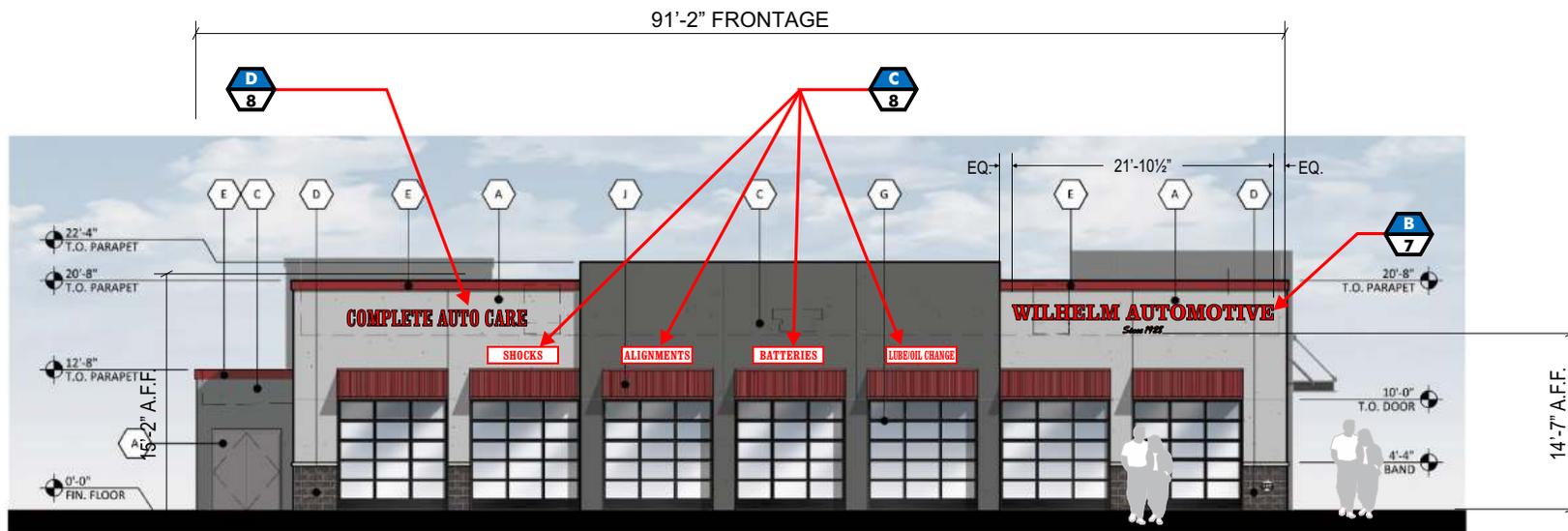


2 WEST ELEVATION
SCALE: 3/32"=1'-0"

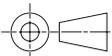
| | | | | | | | | | |
|---|----------------------------|-----------------------|-------------------|---|---|---|--|--|---|
| PROJECT NAME WILHELM AUTOMOTIVE | ADDRESS MESA, AZ | Invoice Number: | REVISIONS |  SCALE: AS NOTED ELSEWIS. Drawing Tolerance: 1/8" INCH | SIGNERGY the interaction of a sign project that when combined produce a total effect that is greater than the sum of the individual elements, contributions, etc. | ALL IDEAS, PLANS, ARRANGEMENTS INDICATED ON THIS DRAWING ARE COPYRIGHTED AND OWNED BY INDIE SIGNAGE AND SHALL NOT BE REPRODUCED, USED OR DISCLOSED TO ANY PERSONS, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN PERMISSION OF INDIE SIGNAGE | DRAWING NO. 19-07-0049 DRAWING DATE: 7/24/2019 PAGE 4 OF 8 PAGES © 2019 INDIE SIGNS All Rights reserved | 20118 N 67th Ave STE 300-218 Glendale AZ 85308 Phone: 623-302-4545 Email: jose@indiesignage.com |  |
| | | Sales Rep.: JV | | | | | | | |
| | | Designer: MO | Date of Approval: | | | | | | |

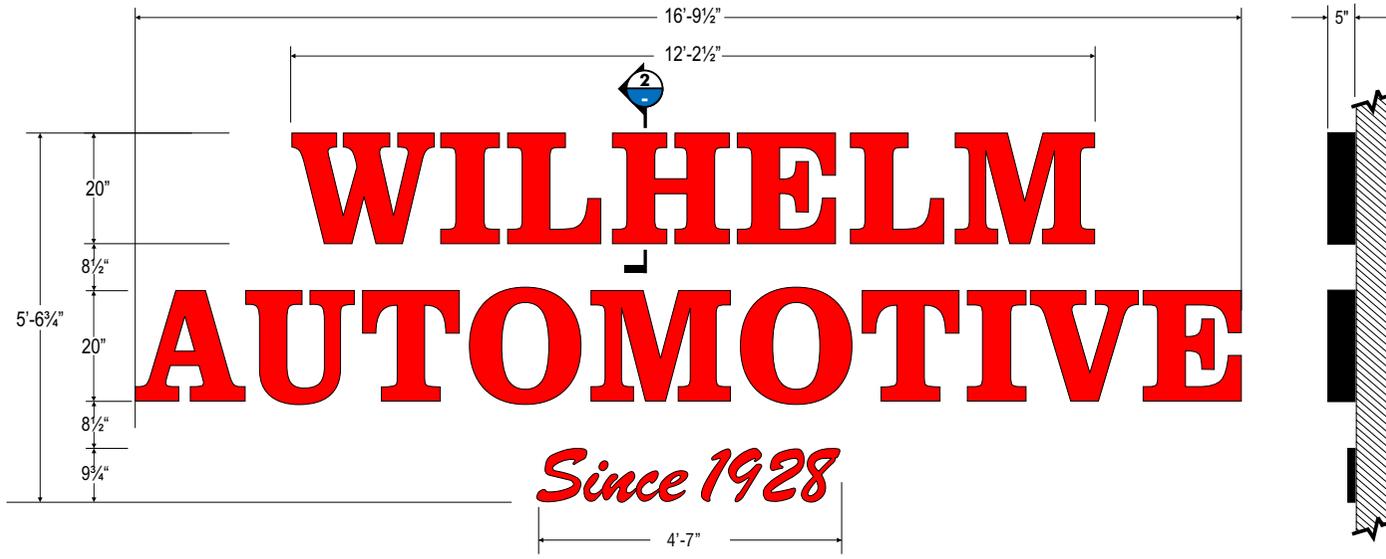


1 SOUTH ELEVATION (NO SIGNS)
SCALE: 3/32"=1'-0"



2 EAST ELEVATION
SCALE: 3/32"=1'-0"

| | | | | | | | | | |
|---|----------------------------|-----------------------|-----------|--|---|---|---|--|---|
| PROJECT NAME WILHELM AUTOMOTIVE | ADDRESS MESA, AZ | Invoice Number: | REVISIONS |  SCALE: AS NOTED ELEMENTS Drawing Tolerance: 1/32" INCH | SIGNERGY the interaction of a sign project that when combined produce a total effect that is greater than the sum of the individual elements, contributions, etc. | ALL IDEAS, PLANS, ARRANGEMENTS INDICATED ON THIS DRAWING ARE COPYRIGHTED AND OWNED BY INDIE SIGNAGE AND SHALL NOT BE REPRODUCED, USED OR DISCLOSED TO ANY PERSONS, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN PERMISSION OF INDIE SIGNAGE | DRAWING NO. 19-07-0049 DRAWING DATE: 7/24/2019 PAGE 4 OF 8 PAGES ©2019 INDIE SIGNS All Rights reserved | 20118 N 67th Ave STE 300-218 Glendale AZ 85308 Phone: 623-302-4545 Email: jose@indiesignage.com |  |
| | | Sales Rep.: JV | | | | | | | |
| | | Designer: MO | | | | | | | |



A ILLUMINATED CHANNEL LETTERS
SCALE: 1/2" = 1'-0"

QTY: ONE (1) SET
AREA: 93.4 SQ. FT.

SPECIFICATIONS:

INTERNALLY LED ILLUMINATED C
"WILHELM AUTOMOTIVE" CHANNEL LETTERS

5 INCH DEEP .040 ALUMINUM RETURNS PAINTED SATIN BLACK
.063 ALUMINUM BACKS
INTERIOR OF LETTERS TO BE PAINTED REFLECTIVE WHITE

3/16" TRANSLUCENT 2283 RED ACRYLIC FACES

INTERNAL RED GRID LED ILLUMINATION.

ALL LEDS ARE ATTACHED TO ALUMINUM BACKS WITH FOAM TAPE AND CLEAR SILICONE
(TO PREVENT DEBONDING)

ALL LETTERS AND GRAPHICS TO HAVE 1" BLACK TRIMCAP

NOTE: CHANNEL LETTERS AND LOGO TO HAVE 1/4" LIGHT LEAK FREE DRAIN HOLES

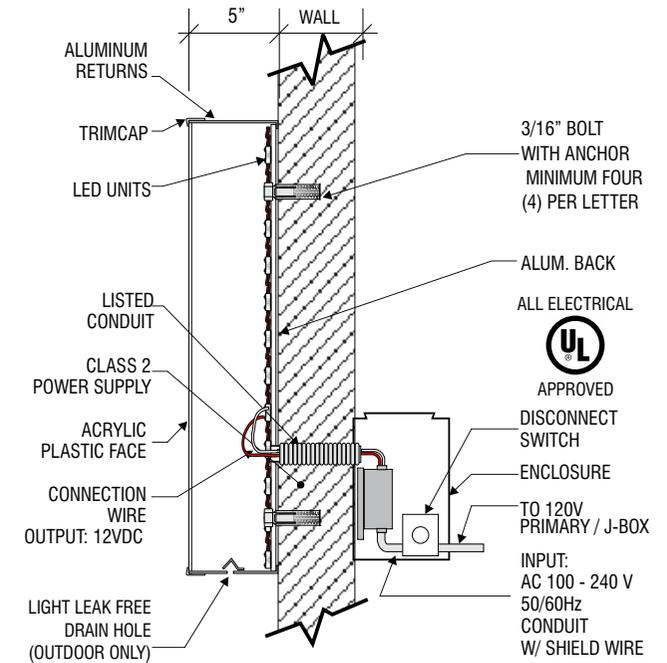
ALL LETTERS ARE FLUSH MOUNTED TO THE FASCIA

SPECIFICATIONS:

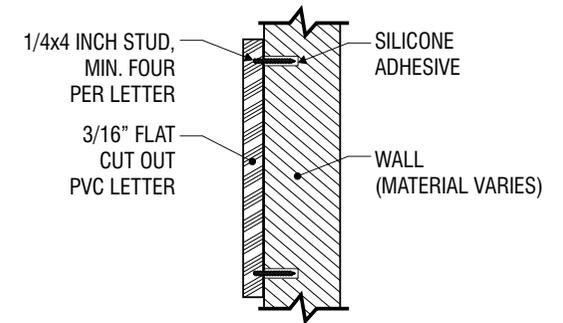
FLAT CUT OUT "Since 1928" LETTERS
3/16" ACRYLIC PAINTED TO MATCH PMS 186 RED
PINNED TO FASCIA WITH 3/16" STUDS AND SILICONE
ALL LETTERS ARE FLUSH MOUNTED TO THE FASCIA

SIGN COLORS:

- 2283 RED TRANSLUCENT ACRYLIC
- REFLECTIVE WHITE PAINT INSIDE
- BLACK RETURNS AND TRIMCAP

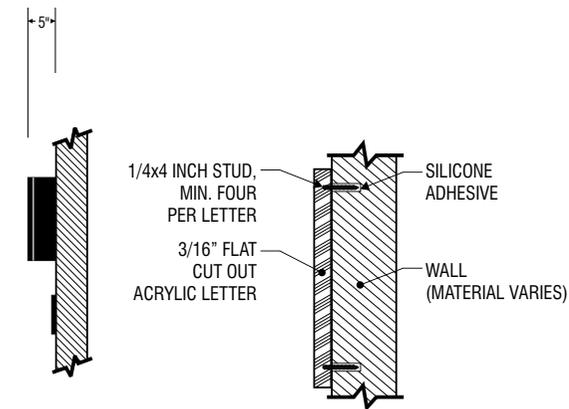
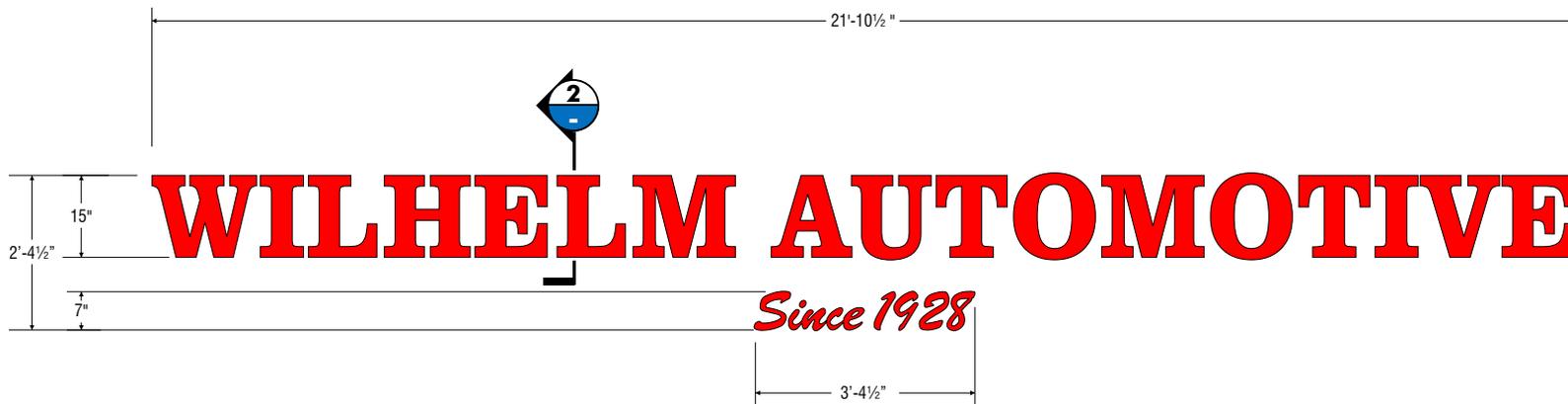


1 ELECTRICAL SECTION



2 FLAT CUT OUT LETTER SECTION

| | | | | | | | | | | | |
|---|----------------------------|--|---|--|--|--|---|---|---|--|--|
| PROJECT NAME WILHELM AUTOMOTIVE | ADDRESS MESA, AZ | Invoice Number: Sales Rep.: JV Customer Approval: Designer: MO Date of Approval: | REVISIONS <table border="1" style="width: 100%; height: 40px;"> <tr><td> </td><td> </td></tr> </table> | | | SCALE: AS NOTED ELSEWHERES Drawing Tolerance: 1/8" INCH | SIGNERGY the interaction of a sign project that when combined produce a total effect that is greater than the sum of the individual elements, contributions, etc. | ALL IDEAS, PLANS, ARRANGEMENTS INDICATED ON THIS DRAWING ARE COPYRIGHTED AND OWNED BY INDIE SIGNAGE AND SHALL NOT BE REPRODUCED, USED OR DISCLOSED TO ANY PERSONS, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN PERMISSION OF INDIE SIGNAGE | DRAWING NO. 19-07-0049 DRAWING DATE: 7/24/2019 PAGE 6 OF 8 PAGES ©2019 INDIE SIGNS All Rights reserved | 20118 N 67th Ave STE 300-218 Glendale AZ 85308 Phone: 623-302-4545 Email: jose@indiesignage.com | |
| | | | | | | | | | | | |



B ILLUMINATED CHANNEL LETTERS
SCALE: 1/2" = 1'-0"

QTY: ONE (1) SET
AREA: 51.95 SQ. FT.

1 FLAT CUT OUT LETTER SECTION

SPECIFICATIONS:

INTERNALLY LED ILLUMINATED C
 "WILHELM AUTOMOTIVE" CHANNEL LETTERS

5 INCH DEEP .040 ALUMINUM RETURNS PAINTED SATIN BLACK
 .063 ALUMINUM BACKS
 INTERIOR OF LETTERS TO BE PAINTED REFLECTIVE WHITE

3/16" TRANSLUCENT 2283 RED ACRYLIC FACES

INTERNAL RED GRID LED ILLUMINATION.

ALL LEDS ARE ATTACHED TO ALUMINUM BACKS WITH FOAM TAPE AND CLEAR SILICONE
 (TO PREVENT DEBONDING)

ALL LETTERS AND GRAPHICS TO HAVE 1" BLACK TRIMCAP

NOTE: CHANNEL LETTERS AND LOGO TO HAVE 1/4" LIGHT LEAK FREE DRAIN HOLES

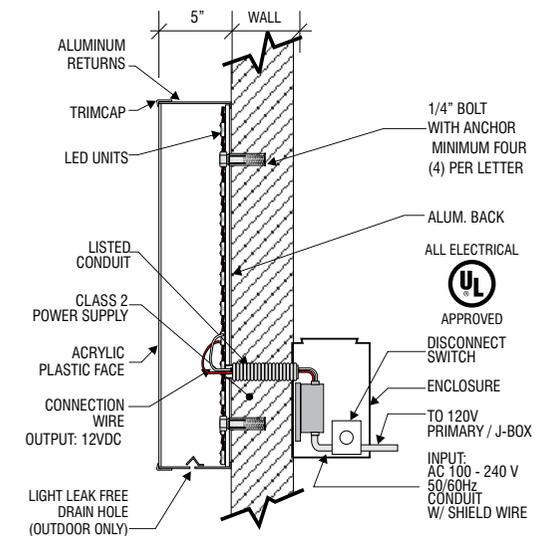
ALL LETTERS ARE FLUSH MOUNTED TO THE FASCIA

SPECIFICATIONS:

FLAT CUT OUT "Since 1928" LETTERS
 3/16" ACRYLIC PAINTED TO MATCH PMS 186 RED
 PINNED TO FASCIA WITH 3/16" STUDS AND SILICONE
 ALL LETTERS ARE FLUSH MOUNTED TO THE FASCIA

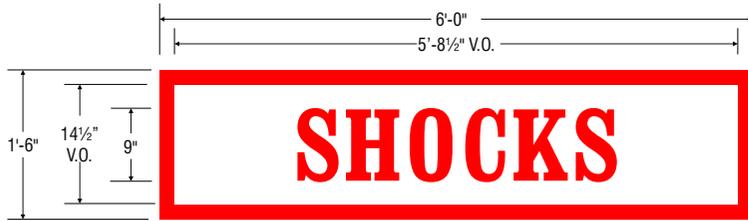
SIGN COLORS:

- 2283 RED TRANSLUCENT ACRYLIC
- REFLECTIVE WHITE PAINT INSIDE
- BLACK RETURNS AND TRIMCAP



2 ELECTRICAL SECTION

| | | | | | | | | | |
|---|----------------------------|---|------------------|--|---|---|--|--|--|
| PROJECT NAME WILHELM AUTOMOTIVE | ADDRESS MESA, AZ | Invoice Number: Sales Rep.: JV Customer Approval: Designer: MO Date of Approval: | REVISIONS | SCALE: AS NOTED ELSEWHERES Drawing Tolerance: 1/32 INCH | SIGNERGY the interaction of a sign project that when combined produce a total effect that is greater than the sum of the individual elements, contributions, etc. | ALL IDEAS, PLANS, ARRANGEMENTS INDICATED ON THIS DRAWING ARE COPYRIGHTED AND OWNED BY INDIE SIGNAGE AND SHALL NOT BE REPRODUCED, USED OR DISCLOSED TO ANY PERSONS, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT WRITTEN PERMISSION OF INDIE SIGNAGE | DRAWING NO. 19-07-0049 DRAWING DATE: 7/24/2019 PAGE 7 OF 8 PAGES ©2019 INDIE SIGNS All Rights reserved | 20118 N 67th Ave STE 300-218 Glendale AZ 85308 Phone: 623-302-4545 Email: jose@indiesignage.com | |
|---|----------------------------|---|------------------|--|---|---|--|--|--|



SHOCKS

ALIGNMENTS

BATTERIES

LUBE/OIL CHANGE



C ACM COMPOSITE WALL SIGNS QTY: FOUR (4) SIGNS
SCALE: 3/4" = 1'-0" AREA: 9 SQ. FT. EA.

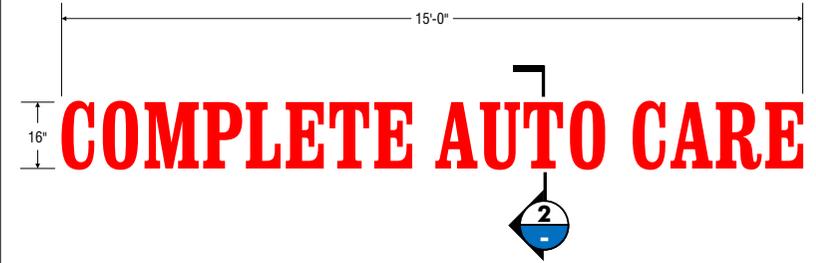
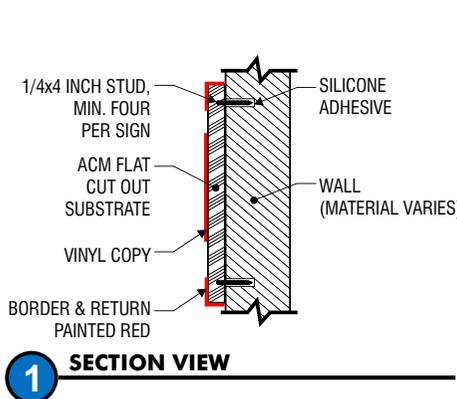
SPECIFICATIONS:
 ACM ALUMINUM COMPOSITE SIGNS

WHITE FACES WITH
 WITH DIE CUT RED VINYL COPY

ATTACH TO FASCIA WITH BLIND STUDS AND SILICONE

SIGN COLORS:

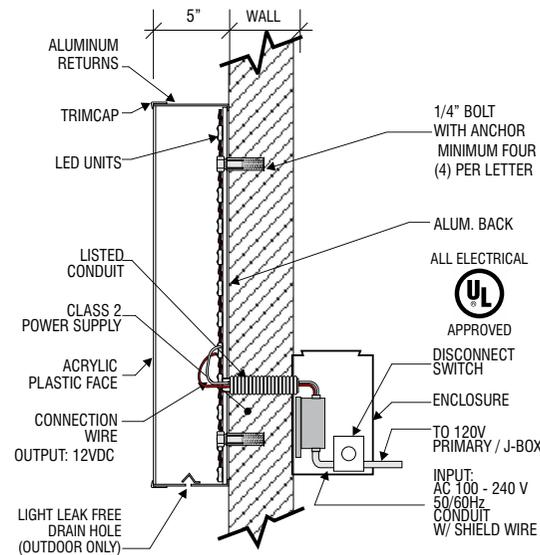
- 3M 3630-143 POPPY RED VINYL COPY
- ACM PREPAINTED WHITE
- BORDER AND RETURNS PAINTED TO MATCH PMS 485C RED



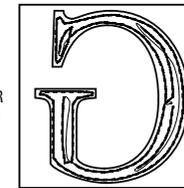
COMPLETE AUTO CARE

D ILLUMINATED CHANNEL LETTERS QTY: ONE (1) SET
SCALE: 3/8" = 1'-0" AREA: 20 SQ. FT.

SPECIFICATIONS
 FRONT ILLUMINATED CHANNEL LETTERS
 TRANSLUCENT 2283 RED ACRYLIC PLASTIC FACES
 5" RETURNS PAINTED SATIN BLACK
 3/4" TRIMCAP BLACK
 LETTER INTERIORS PAINTED REFLECTIVE WHITE
 LETTERS TO BE INTERNALLY ILLUMINATED WITH HIGH OUTPUT RED LEDS
 LEDS MOUNTED TO LETTER BACKS WITH VHB FOAM TAPE AND CLEAR RTV SILICONE
 (TO PREVENT DEBONDING)



2 ELECTRICAL SECTION VIEW



- U N P "E Q N Q T U <
- 2283 RED TRANSLUCENT ACRYLIC
- REFLECTIVE WHITE PAINT INSIDE
- BLACK RETURNS AND TRIMCAP

Electrical requirements

(1) 120V 20A circuit req'd
 UL labels required away from public view.

IMPORTANT NOTE

ALL ELECTRICAL PRIMARY CIRCUITS MUST BE DEDICATED ISOLATED CIRCUITS PROVIDED BY CLIENT/OTHER.
 IGC TO PROVIDE ACCESSIBILITY TO REMOTE TRANSFORMERS FOR INSTALL AND SERVICE.
 FINAL ELECTRICAL HOOK UP BY OTHERS.

| | | | | | | | | |
|--|----------------------------|--|------------------|--|---|---|---|--|
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|--|----------------------------|--|------------------|--|---|---|---|--|