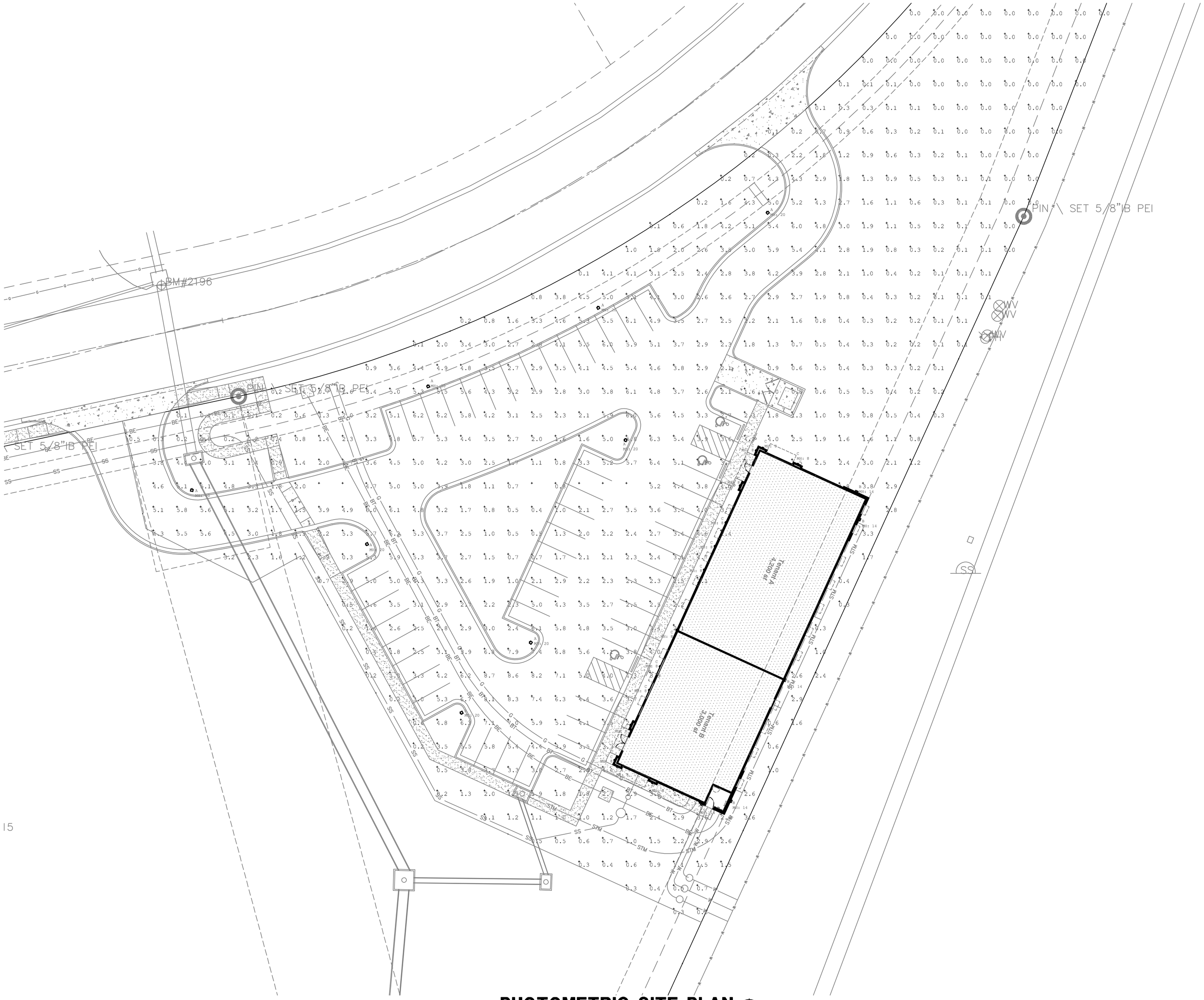


# PHOTOMETRIC SITE PLAN

1" = 20'-0"

NORTH

Luminaire Schedule

| Symbol | Qty | Label | Arrangement | Description | Tag | LLF | Luminaire Lumens | Luminaire Watts | Total Watts | Mounting Height |
|---|---|---|---|---|---|---|---|---|---|---|
| | 8 | DSX1 LED P8 50K T5M MVOLT HS | Single | DSX1 LED P8 50K T5M MVOLT HS | A | 1.000 | 18389 | 207 | 1656 | 20 |
| | 5 | TWP LED ALO 30K T3M | Single | TWP LED ALO 30K T3M | B | 1.000 | 4203 | 49 | 245 | 14 |
| | 14 | Guardian LED 24 L36 5 30K | Single | GRDW-24-L36_5-WAL-TB-30K | C | 1.000 | 2439 | 47 | 658 | 8 |

LITHONIA LIGHTING

## Submittal Spec Sheet

### D-Series Pole Mount (DSX1)

**OVERVIEW**

The modern styling of the D-Series LED Area, Size 1 luminaire is striking yet unobtrusive - making a bold, progressive statement blending seamlessly with its environment. Its outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. Coupled with nLight® AIR wireless controls, the D-Series family provides enhanced end-user experiences and unmatched energy savings.

The sleek design reflecting the embedded high-performance LED outdoor lighting technology makes the D-Series, Size 1 the ideal choice for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

Product Webpage: https://www.acuitybrands.com/product/detail/2205326
Warranty: www.acuitybrands.com/support/customer-support/terms-and-conditions

*The product images shown are for illustration purposes only and may not be an exact representation of the product.*

| ORDERING INFORMATION | DSX1 LED P8 50K T5M MVOLT HS SPA (Incomplete) |
|---|---|

| Series* | | Lamp Type* | | LED Configuration* | | | |
|---|---|---|---|---|---|---|---|
| DSX1 | D-Series Size 1 LED Area Luminaire | LED | LED | P1 | Package 1 | P6 | Package 6 |
| | | | | P13 | Package 16 | P7 | Package 7 |
| | | | | P11 | Package 11 | P8 | Package 8 |
| | | | | P12 | Package 12 | P9 | Package 9 |
| | | | | P13 | Package 13 | | |
| | | | | P2 | Package 2 | | |
| | | | | P3 | Package 3 | | |
| | | | | P4 | Package 4 | | |
| | | | | P5 | Package 5 | | |

| Correlated Color Temperature* | | Distribution* | | | | Voltage* | |
|---|---|---|---|---|---|---|---|
| 30K | 3000K | BLC | Backlight control | T5M | Type V Medium | 120 | 120V |
| 40K | 4000K | LCCO | Left Corner Cutoff Optic | T5S | Type V Short | 208 | 208V |
| 50K | 5000K | RCCO | Right Corner Cutoff Optic | T5VS | Type V Very short | 240 | 240V |
| AMBPC | Amber, Phosphor Converted | T1S | Type I Short | T5W | Type V Wide | 240VDC | 24V DC |
| | | T2M | Type II Medium | TFTM | Forward throw medium | 277 | 277V |
| | | T2S | Type II Short | VLS | Visual comfort symmetric | 347 | 347V |
| | | T3M | Type III Medium | | | 480 | 480V |
| | | T3S | Type III Short | | | MVOLT | 120-277V |
| | | T4M | Type IV Medium | | | SOLAR | SOLAR |


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| Voltage* (Cont...) | | Ambient Starting Temp | | Bird Deterrent | | Shielding | |
|---|---|---|---|---|---|---|---|
| XVOLT | XVOLT | HA | High Ambient | BS | Bird spikes | EGS | Exterior Glare Shield |
| | | | | | | HS | House-side shield |

| Wiring Device | | Mounting* | | Driver Configuration | | Dimming Wires | |
|---|---|---|---|---|---|---|---|
| WTB | Utility Terminal Block | MA | Mast arm adapter, integral | ES | Dual switching. Provides 50/50 luminaire operation via two independent drivers on two separate circuits | DMG | 0-10v dimming wires pulled outside fixture (for use with an external ballast, ordered separately) |
| | | RPA | Round pole mounting | | | | |
| | | RPUMBA | Round pole universal mounting bracket adaptor | | | | |
| | | SPA | Square pole mounting | | | | |
| | | SPUMBA | Square pole universal mounting bracket adaptor | | | | |
| | | WBA | Wall mount bracket | | | | |

| Dimmable/Controllable | | Receptacle Type | | Internal Control | | | |
|---|---|---|---|---|---|---|---|
| NLTAIR2 | nLight air gen 2 controller | PER | NEMA twist-lock receptacle only (no fixture) | PIR | Motion/ambient sensor <15FT; dims to 3V | PIRHSTV | Motion/ambient sensor 15-30FT; dims to 4V |
| | | PER5 | Five-wire receptacle only (no fixture) | PIR1FC3V | Motion/ambient sensor <15FT; photocontrol set at 1 FC; dims to 3V | PIRHN | Motion/ambient sensor 15-30FT; networked |
| | | PER7 | Seven-wire receptacle only (no controls) | PIRHV | Motion/ambient sensor <15FT; dims to 4V | | |
| | | | | PIRH | Motion/ambient sensor 15-30FT; dims to 3V | | |
| | | | | PIRH1FC3V | Motion/ambient sensor 15-30FT; photocontrol set at 1 FC; dims to 3V | | |

| Part-Night Dimming | | Bi-Level Dimming | | Field Adjustable | | Fusing | |
|---|---|---|---|---|---|---|---|
| PNMT5D4 | Midpoint, 5 hours past mid-point, 3V | BL30 | Bilevel dimming, 30% | FAO | Field adjustable output | DF | Double Fuse |
| PNMT6D4 | Midpoint, 6 hours past mid-point, 3V | BL50 | Bilevel dimming, 50% | | | SF | Single Fuse |
| PNMT7D3 | Midpoint, 7 hours past mid-point, 3V | | | | | | |
| PNMTDD3 | Midpoint, until dawn, 3V | | | | | | |

| Aiming | | Finish* | | | | | |
|---|---|---|---|---|---|---|---|
| L90 | Left rotated optics | DBLBKD | Textured black, super durable | DMBKD | Medium bronze, super durable | DWHXD | White, super durable |
| R90 | Right rotated optics | DBLBRD | Black Brown, super durable | DNATXD | Textured natural aluminum, super durable | DWLXHD | White aluminum, RAL9006, super durable |
| | | DDBTXD | Textured dark bronze, super durable | DRAXD | Natural aluminum finish, super durable | | |
| | | DDBXD | Dark bronze finish, super durable | DSPDXD | Textured dark grey, super durable | | |
| | | DGCXD | Charcoal grey, super durable | DSPJXD | Light grey, super durable | | |
| | | DGRNXD | Dark green, RAL6012, super durable | DSSTXD | Textured sandstone, super durable | | |
| | | DGYDXD | Grey, RAL7040, super durable | DSSXD | Sandstone, super durable | | |
| | | DGYXHD | Dark grey, RAL7012, super durable | DTGXD | Tennis green, super durable | | |
| | | DHBUXD | Custom Color Hesphyne Muirwell Grey | DWHGXD | Textured white, super durable | | |


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MISSOURI
GREGORY P. GLADFELTER
NUMBER E-2000150421
REGISTERED PROFESSIONAL ENGINEER

signed 18 March 2022
Project Number 21.188.05

Revisions

new shell building

# Market Street Center

M291 and SW Market Street
Lee's Summit , Missouri

sheet
SP1
PHOTOMETRIC SITE PLAN

Permit
04 March 2022