

| FINA     | L PLAN LEGEND                              |
|----------|--|
| SYMBOL   | DESCRIPTION                                |
|          | PROPOSED 6,000 SQ. FT.<br>I STORY BUILDING |
|          | NEW CONCRETE WALK                          |
|          | EXTG CONCRETE WALK                         |
|          | PROPOSED BRICK WALK                        |
|          | EXTG SWALE VEGETATION TO<br>REMAIN         |
| 713712   | TOPOGRAPHY OF SWALE                        |
|          | PROPERTY LINE                              |
|          | SETBACK LINE                               |
|          | SITE UTILITY WATER LINE                    |
|          | SITE UTILITY ELECTRIC LINE                 |
| <u> </u> | SITE SANITARY LINE                         |
| φ        | EXTERIOR BOLLARD                           |

PETITIONER: WATERLEAF WOMEN'S CENTER **CURRENT ADDRESS: 3598 E NEW YORK ST, AURORA, IL 60504** FINAL PLAN ADDRESS: 3055 E. NEW YORK ST, AURORA, IL 60504

|  | Develop      | oment Data  | Table: Final Plan                               |              |             |
|--|--------------|-------------|---|--------------|-------------|
| <u>Description</u>                                 | <u>Value</u> | <u>Unit</u> | <u>Description</u>                              | <u>Value</u> | <u>Unit</u> |
| a) Tax/Parcel Identification Number(s) (PINs):     |              |             | j) Total Number of Residential Dwelling Units   | 0            | units       |
| 07-20-302-080                                      |              |             | i. Gross Density                                | 0.00         | du/acre     |
|  |              |             | ii. Net Density                                 | 0.00         | Net Densit  |
|  |              |             | k) Number of Single Family Dwelling Units       |              | units       |
| b) Proposed land use(s):                           |              |             | i. Gross Density                                | 0.00         | du/acre     |
| Medical Clinic                                     |              |             | ii. Net Density                                 | 0.00         | Net Densit  |
|  |              |             | iii. Unit Square Footage (average)              |              | square fee  |
| c) Total Property Size                             | 2.02940771   | Acres       | iv. Bedroom Mix                                 |              | % 1 bdr     |
|  |              | Square feet |   |              | % 2 bdr     |
| d) Total Lot Coverage                              |              | Square feet |   |              | % 3 bdr     |
| (buildings and pavment)                            |              | Percent     |   | 80%          | % 4 bdr     |
| e) Open space / landscaping                        |              | Square feet | v. Number of Single Family Corner Lots          |              | units       |
|  |              | Percent     | Number of Single Family Attached Dwelling Units |              | units       |
| f) Land to be dedicated to the School District     |              | Acres       | i. Gross Density                                |              | du/acre     |
| g) Land to be dedicated to the Park District       | 0            | Acres       | ii. Net Density                                 | 0.00         | Net Densit  |
| h) Number of parking spaces provided (individually |              |             | iii. Unit Square Footage (average)              |              |             |
| accessable)  |              | spaces      |   |              | square fee  |
| i. surface parking lot                             |              | spaces      | iv. Bedroom Mix                                 |              | % 1 bdr     |
| perpendicular                                      |              | spaces      | _   |              | % 2 bdr     |
| parallel   |              | spaces      | _   |              | % 3 bdr     |
| angled   |              | spaces      |   |              | % 4 bdr     |
| handicapped  |              | spaces      | m) Number of Multifamily Dwelling Units         |              | units       |
| ii. enclosed                                       |              | spaces      | i. Gross Density                                |              | du/acre     |
| iii. bike  | 0            | racks       | ii. Net Density                                 |              | Net Densit  |
| i) Number of buildings                             | 1            |             | iii. Unit Square Footage (average)              |              | square fee  |
| i. Number of stories                               |              | stories     | iv. Bedroom Mix                                 | 0%           | Efficency   |
| ii. Building Square Footage (typical)              |              | square feet |   |              | % 1 bdr     |
| iii. Square Footage of retail floor area           |              | square feet |   |              | % 2 bdr     |
| iv. First Floor Building Square Footage (typical)  | 5949         | square feet |   | 10%          | % 3 bdr     |





charles vincent george ARCHITECTS

1245 E. Diehl Rd. Suite 101 Naperville, Illinois 60563 **P** | 630.357.2023 **F** | 630.357.2662 cvgarchitects.com

EXPIRES 11/30/2018 IL ARCHITECTURAL DESIGN FIRM NO: 184-000544

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| ISSUE | AND/OR RE  | VISIONS:           |
|-------|------------|--------------------|
| NO.   | DATE       | DESCRIPTION        |
|       | 07/03/2018 | GMP                |
|       | 09/10/2018 | ISSUE FOR PERMIT   |
|       | 10/09/18   | PERMIT REVISION 01 |
|       |            |                    |
|       |            |                    |
|       |            |                    |
|       |            |                    |
|       |            |                    |
|       |            |                    |

TITLE: SITE PLAN

| SHEET: |
|--------|
| A1.1   |
|        |

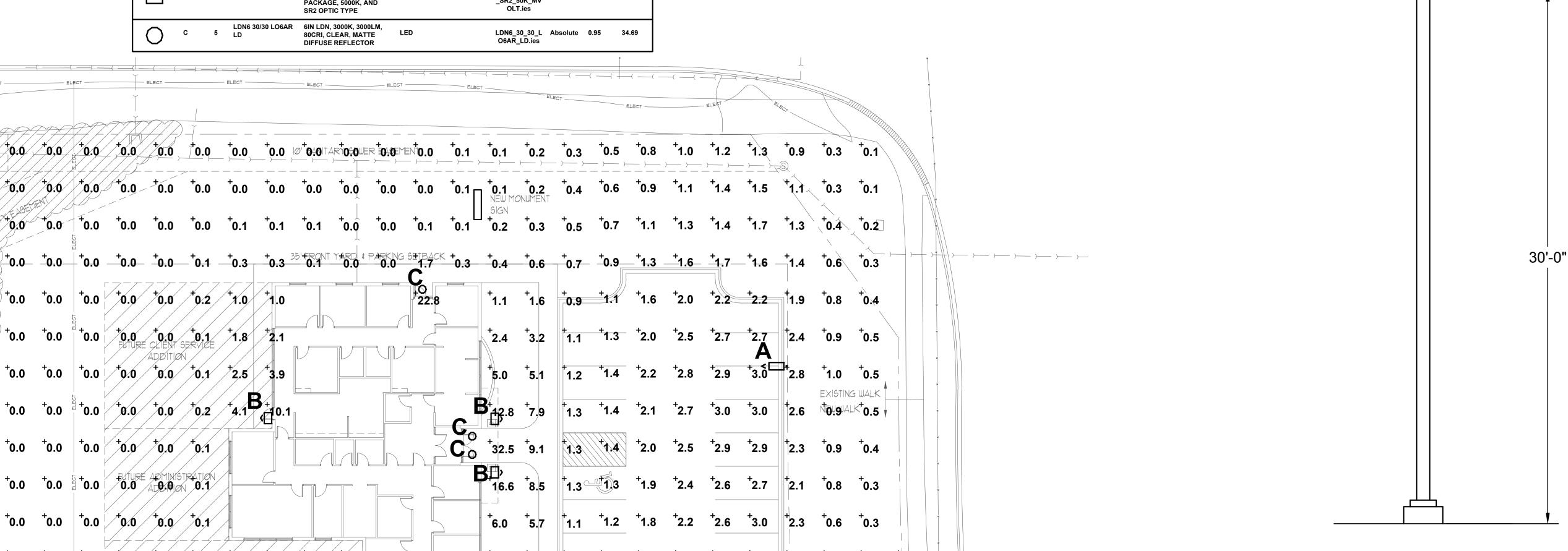
| LUMIN                 | AIRE S | CHE | DULE                         |  |      |                                       |          |      |       |
|-----------------------|--------|-----|------------------------------|--|------|---------------------------------------|----------|------|-------|
| Symbol                | Label  | Qty | Catalog Number               | Description  | Lamp | File                                  | Lumens   | LLF  | Watts |
| Ô                     | A      | 4   | DSX1 LED P6 40K<br>T2M MVOLT | DSX1 LED P6 40K T2M<br>MVOLT   | LED  | DSX1_LED_P6<br>_40K_T2M_MV<br>OLT.ies | Absolute | 0.95 | 163   |
| Ô                     | В      | 4   | WSQ LED P4 SR2<br>50K MVOLT  | WSQ LED WITH P4-<br>PERFORMANCE<br>PACKAGE, 5000K, AND<br>SR2 OPTIC TYPE | LED  | WSQ_LED_P4<br>_SR2_50K_MV<br>OLT.ies  | Absolute | 0.95 | 60.68 |
| $\overline{\bigcirc}$ | С      | 5   | LDN6 30/30 LO6AR<br>LD       | 6IN LDN, 3000K, 3000LM,<br>80CRI, CLEAR, MATTE                           | LED  | LDN6_30_30_L<br>O6AR LD.ies           | Absolute | 0.95 | 34.69 |

 $^{+}1.4$   $^{+}1.6$   $^{+}1.6$   $^{+}2.0^{\circ}$   $^{+}2.5$   $^{-}2.9$   $^{+}2.9$   $^{+}2.7$   $^{+}2.5$   $^{+}2.7$   $^{+}2.9$   $^{+}2.7$   $^{+}2.6$   $^{+}2.7$   $^{+}2.6$   $^{+}2.7$   $^{+}3.0$   $^{+}3.2$   $^{+}3.0$   $^{+}3.2$   $^{+}3.0$   $^{+}2.8$   $^{+}2.6$   $^{+}2.8$   $^{+}2.7$   $^{+}2.1$   $^{+}1.2$   $^{+}0.8$   $^{+}0.6$ 

 $^{+}1.5$   $^{+}1.5$   $^{+}2.0$   $^{+}2.4$   $^{+}2.9$   $^{+}2.8$   $^{+}2.5$   $^{+}2.3$   $^{+}2.5$   $^{+}2.6$   $^{+}2.5$   $^{+}2.6$   $^{+}2.9$   $^{+}3.2$   $^{+}2.9$   $^{+}3.2$   $^{+}2.6$   $^{+}2.3$   $^{+}2.5$   $^{+}2.2$   $^{+}1.6$   $^{+}0.9$   $^{+}0.6$   $^{+}0.4$   $^{+}0.3$ 

 $\overset{+}{0}.2$   $\overset{+}{0}.3$   $\overset{+}{0}.4$   $\overset{+}{0}.5$   $\overset{+}{0}.6$   $\overset{+}{0}.6$   $\overset{+}{0}.5$   $\overset{+}{0}.4$   $\overset{+}{0}.3$   $\overset{+}{0}.3$   $\overset{+}{0}.4$   $\overset{+}{0}.5$   $\overset{+}{0}.7$   $\overset{+}{0}.8$   $\overset{+}{0}.8$   $\overset{+}{0}.8$   $\overset{+}{0}.7$   $\overset{+}{0}.7$   $\overset{+}{0}.6$   $\overset{+}{0}.4$   $\overset{+}{0}.2$   $\overset{+}{0}.1$   $\overset{+}{0}.1$   $\overset{+}{0}.1$ 

| STATISTICS   |        |        |         |        |         |         |
|--------------|--------|--------|---------|--------|---------|---------|
| Description  | Symbol | Avg    | Max     | Min    | Max/Min | Avg/Min |
| Calc Zone #2 | +      | 1.4 fc | 32.5 fc | 0.0 fc | N/A     | N/A     |



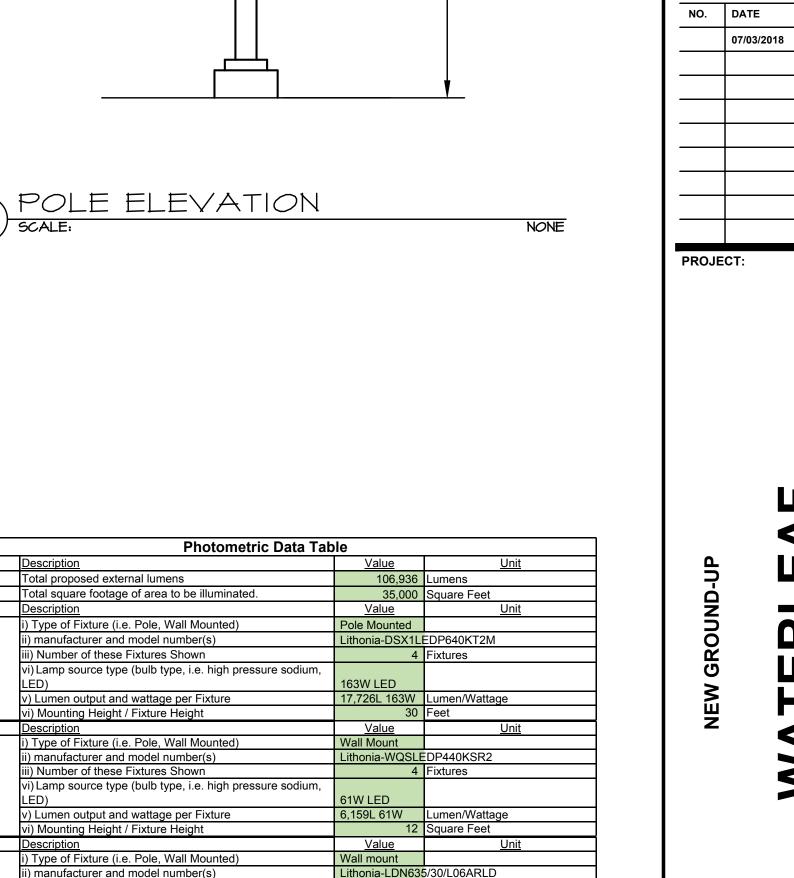
**\***2.7 **\***3.4 **\***1.1 **\***1.2 **\***1.8 **\***2.2 **\***2.6 **\***3.0 **\***2.3 **\***0.6 **\***0.3 **\***0.3

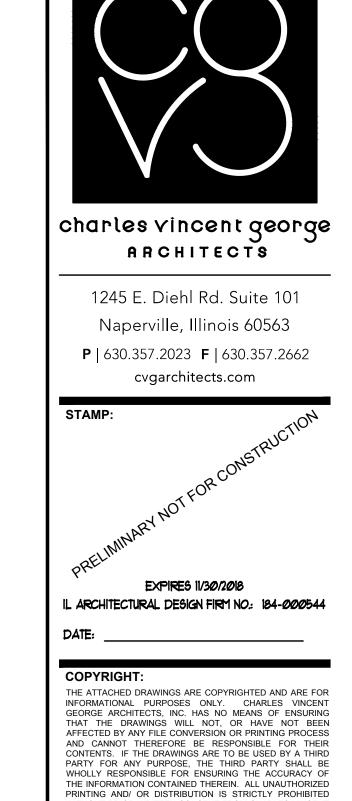
21.0 1.0 1.6 2.3 2.9 3.1 3.2 2.9

 ${}^{\dagger}0.2$   ${}^{\dagger}0.3$   ${}^{\dagger}0.3$   ${}^{\dagger}0.4$   ${}^{\dagger}0.4$   ${}^{\dagger}0.5$   ${}^{\dagger}0.6$   $|{}^{\dagger}0.6$   $|{}^{\dagger}0.5$   ${}^{\dagger}0.5$   ${}^{\dagger}0.5$   ${}^{\dagger}0.3$   ${}^{\dagger}0.1$   $|{}^{\dagger}0.1$   ${}^{\dagger}0.0$   ${}^{\dagger}0.0$ 

 ${}^{\dagger}0.3$   ${}^{\dagger}0.4$   ${}^{\dagger}0.4$   ${}^{\dagger}0.4$   ${}^{\dagger}0.5$   ${}^{\dagger}0.5$   ${}^{\dagger}0.5$   ${}^{\dagger}0.4$   ${}^{\dagger}0.3$   ${}^{\dagger}0.2$   ${}^{\dagger}0.1$   ${}^{\dagger}0.1$   ${}^{\dagger}0.0$   ${}^{\dagger}0.0$ 

|          | Photometric Data Tal  | ole            |               |
|----------|---|----------------|---------------|
|          | <u>Description</u>  | <u>Value</u>   | <u>Unit</u>   |
|          | Total proposed external lumens                              | 106,936        | Lumens        |
|          | Total square footage of area to be illuminated.             | 35,000         | Square Feet   |
| ixture # | <u>Description</u>  | <u>Value</u>   | <u>Unit</u>   |
|          | i) Type of Fixture (i.e. Pole, Wall Mounted)                | Pole Mounted   |               |
|          | ii) manufacturer and model number(s)                        | Lithonia-DSX1L | EDP640KT2M    |
| _        | iii) Number of these Fixtures Shown                         | 4              | Fixtures      |
| 1        | vi) Lamp source type (bulb type, i.e. high pressure sodium, |                |               |
|          | LED)  | 163W LED       |               |
|          | v) Lumen output and wattage per Fixture                     | 17,726L 163W   | Lumen/Wattage |
|          | vi) Mounting Height / Fixture Height                        | 30             | Feet          |
| ixture # | <u>Description</u>  | <u>Value</u>   | <u>Unit</u>   |
|          | i) Type of Fixture (i.e. Pole, Wall Mounted)                | Wall Mount     |               |
|          | ii) manufacturer and model number(s)                        | Lithonia-WQSLE | DP440KSR2     |
| _        | iii) Number of these Fixtures Shown                         | 4              | Fixtures      |
| 2        | vi) Lamp source type (bulb type, i.e. high pressure sodium, |                |               |
|          | LED)  | 61W LED        |               |
|          | v) Lumen output and wattage per Fixture                     | 6,159L 61W     | Lumen/Wattage |
|          | vi) Mounting Height / Fixture Height                        | 12             | Square Feet   |
| ixture # | <u>Description</u>  | <u>Value</u>   | <u>Unit</u>   |
|          | i) Type of Fixture (i.e. Pole, Wall Mounted)                | Wall mount     |               |
|          | ii) manufacturer and model number(s)                        | Lithonia-LDN63 |               |
| •        | iii) Number of these Fixtures Shown                         | 5              | Fixtures      |
| 3        | vi) Lamp source type (bulb type, i.e. high pressure sodium, |                |               |
|          | LED)  | 34W LED        |               |
|          |   |                |               |





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GEORGE ARCHITECTS, INC

**ISSUE AND/OR REVISIONS:** 

| Unit Imens Quare Feet Unit P640KT2M xtures Imen/Wattage | NEW GROUND-UP | WATERLEAF    |
|---|---------------|--------------|
|   |               | $\mathbf{q}$ |
| P440KSR2  |               |              |
| xtures  |               |              |
|   |               |              |
| ımen/Wattage  |               |              |
| quare Feet  |               |              |
| <u>Unit</u>   |               |              |
| 0/L06ARLD   |               |              |
| xtures  |               |              |
|   |               |              |
| ımen/Wattage  |               |              |
| quare Feet  |               |              |
| <u>Unit</u>   |               |              |
| 6C 30K SYM MVOLT DNAXD                                  |               |              |
| xtures  |               |              |
|   |               |              |

**WT GROUP** 

ingineering with Precision, Pace & Passion.

| X | DATE:<br>06/1   | 18/18     | PROJECT # 2018-018 |
|---|---|-----------|--------------------|
|   | PRINCIPAL:  | STT       | SHEET:             |
|   | PROJECT MGR:  | DRAWN BY: |                    |
| - | ВС  | BC,KM     | ES1.1              |
|   | DRAWING FILE PATH<br>M:/2018-018/DRAWIN<br>M18188 - ELECTRICA | GS/       |                    |

SITE PLAN

WY Group

Lumen output and wattage per Fixture

Type of Fixture (i.e. Pole, Wall Mounted

manufacturer and model number(s) Number of these Fixtures Shown

SITE PLAN SCALE: I" = 20'-0" 49 TOTAL PARKING SPACES (INCLUDING 2 HANDICAP SPACES)

70.0 70.0 70.0 70.0 70.0 70.2 70.8 70.8 71.5 74.7

†0.0 †0.0 | †0.0 | †0.0 | †0.0 | †0.0 | †0.1 | †0.2 | †0.3 | †1.9 | †9.8 |

+0.0 +0.0 5 +0.0 +0.1 +0.1 +0.1 +0.1 +0.1 +0.1 +0.3 +0.3

**†0.1 †0.1 †0.1 /\*0.1 /\*0.1 /\*0.1 /\*0.1 /\*0.1 /\*0.1 /\*1.0 /\*3.3** 

†0.1 †0.2 | †0.2 | †0.2 | †0.2 | †0.2 | †0.3 | †0.3 | †1.0 | †2.3 |



## **D-Series Size 1**

## LED Area Luminaire







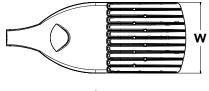


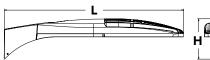




| peciticat | tions  |
|-----------|--|
| EPA:      | 1.01 ft <sup>2</sup><br>(0.09 m <sup>2</sup> ) |
| Length:   | 33"<br>(83.8 cm)                               |
| Width:    | 13"<br>(33.0 cm)                               |

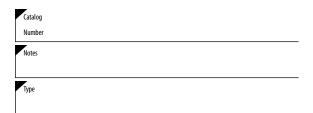












## \*\* Capable Luminaire

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 background<sup>1</sup>

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

#### **EXAMPLE:** DSX1 LED P7 40K T3M MVOLT SPA DDBXD **Ordering Information**

| DSX1LED  |  |  |  |   |  |
|----------|--|--|--|---|--|
| Series   | LEDs   | Color temperature  | Distribution   | Voltage   | Mounting   |
| DSX1 LED | Forward optics P1 P4 P7 P2 P5 P8 P3 P6 P9 Rotated optics P10¹ P12¹ P11¹ P13¹ | 30K 3000 K<br>40K 4000 K<br>50K 5000 K<br>AMBPC Amber phosphor<br>converted <sup>2</sup> | T1S Type I short T5S Type V short T2S Type II short T5M Type V medium T2M Type II medium T5W Type V wide T3S Type III short BLC Backlight T3M Type III medium Control 2-3 T4M Type IV medium TFTM Forward throw medium RCCO Right corner cutoff 2-3 T5VS Type V very short | MVOLT 4.5<br>120 6<br>208 5.6<br>240 5.6<br>277 6<br>347 5.6.7<br>480 5.6.7 | Shipped included  SPA Square pole mounting  RPA Round pole mounting  WBA Wall bracket  SPUMBA Square pole universal mounting adaptor <sup>8</sup> RPUMBA Round pole universal mounting adaptor <sup>8</sup> Shipped separately  KMA8 DDBXD U Mast arm mounting bracket adaptor (specify finish) <sup>9</sup> |

| Control opt  | Control options   |  |   |                              |   | Finish (requ                                       | iired)  |
|--|---|--|---|------------------------------|---|--|---|
| Shipped in<br>NLTAIR2<br>PER<br>PER5<br>PER7<br>DMG<br>DS<br>PIR<br>PIRH<br>PIRHN<br>PIRHN | nLight AIR generation 2 enabled <sup>10</sup> NEMA twist-lock receptacle only (controls ordered separate) <sup>11</sup> Five-wire receptacle only (controls ordered separate) <sup>11,12</sup> Seven-wire receptacle only (controls ordered separate) <sup>11,12</sup> 0-10V dimming extend out back of honsing for external control (leads exit fixture)  Dual switching <sup>13,14</sup> Bi-level, motion/ambient sensor, 8-15'mounting height, ambient sensor enabled at 5fc <sup>5,15,16</sup> Bi-level, motion/ambient sensor, 15-30'mounting height, ambient sensor enabled at 1fc <sup>5,15,16</sup> Network, Bi-Level motion/ambient sensor, 8-15'mounting height, ambient sensor enabled at 1fc <sup>5,15,16</sup> | PIRH1FC3V<br>BL30<br>BL50<br>PNMTDD3<br>PNMT5D3<br>PNMT6D3<br>PNMT7D3<br>FAO | Bi-level, motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc. \$1,15,16 Bi-level switched dimming, 30% \$.14,18 Bi-level switched dimming, 50% \$.14,18 Part night, dim till dawn \$.19 Part night, dim 5 hrs \$.19 Part night, dim 6 hrs \$.19 Part night, dim 7 hrs \$.19 Field adjustable output <sup>20</sup> | HS<br>SF<br>DF<br>L90<br>R90 | House-side shield <sup>21</sup> Single fuse (120, 277, 347V) <sup>6</sup> Double fuse (208, 240, 480V) <sup>6</sup> Left rotated optics <sup>1</sup> Right rotated optics <sup>1</sup> ped separately Bird spikes <sup>22</sup> External glare shield <sup>22</sup> | DDBXD DBLXD DNAXD DWHXD DWHXD DBLBXD DNATXD DWHGXD | Dark bronze Black Natural aluminum White Textured dark bronze Textured black Textured natural aluminum Textured white |













Inverted available with WLU option only.

## **Specifications**

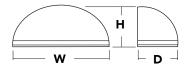
#### Luminaire

**Height:** 9-3/8" (23.8 cm)

Width: 18" (45.7 cm)

**Depth:** 9" (22.8 cm)

**Weight:** 17 lbs (7.7 kg)



## **Optional Back Box (BBW)**

Height: 4" (10.2 cm)

Width: 5-1/2" (14.0 cm)

**Depth:** 1-1/2" (3.8 cm)



# Catalog Number Notes

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

#### Introduction

Classic Architectural Wall Sconce with the LED technology. Long-life, maintenance-free product with typical energy savings of 80% compared to metal halide versions. The integral battery backup option provides emergency egress lighting, without the use of a back-box or remote gear, so installations maintain their aesthetic integrity. The WSQ LED is ideal for replacing existing 50 – 250W metal halide wall-mounted products. The expected service life is 20+ years of nighttime use.

## **Ordering Information**

#### **EXAMPLE:** WSQ LED P2 40K SR3 MVOLT DDBTXD

| WSQ LED |                        |                   |  |   |   |   |   |  |
|---------|------------------------|-------------------|--|---|---|---|---|--|
| Series  | Performance<br>Package | Color Temperature | Distribution                               | Voltage   | Mounting  | Options   | Finish (required)   |  |
| WSQ LED | P1<br>P2<br>P3<br>P4   | 30K<br>40K<br>50K | SR2 Type II<br>SR3 Type III<br>SR4 Type IV | MVOLT 1<br>120<br>208<br>240<br>277<br>347<br>480 | Shipped included (blank) Surface mount Shipped separately <sup>2</sup> BBW Surface-mounted back box | Shipped installed PE Photoelectric cell, button type <sup>2</sup> SF Single fuse (120, 277, 347V) <sup>3</sup> DF Double fuse (208, 240, 480V) <sup>3</sup> DMG (no controls) E20WC Emergency battery backup, CEC compliant (18W, -20°C) <sup>4</sup> E10WH Emergency battery backup, CEC compliant (10W, 5°C) <sup>4</sup> WLU Wet location door for up orientation <sup>5</sup> PIR Motion/ambient light sensor <sup>6</sup> DS Dual switching <sup>7</sup> SPD Separate Surge Protection <sup>8</sup> Shipped separately VG Vandal guard WG Wire guard | DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DSSXD Sandstone DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white DSSTXD Textured sandstone |  |

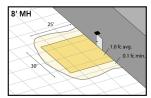
### **Emergency Battery Operation**

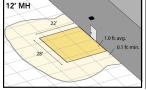
The emergency battery backup (E20WC & E10WH options) is integral to the luminaire - no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All E20WC & E10WH configurations include an independent secondary driver with an integral relay to immediately detect AC power loss.

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 Type IV product in emergency mode.

WSR P1 LED 40K SR4 MVOLT E20WC 10' x 10' Gridlines 8' and 12' Mounting Height





#### NOTES

- 1 MVOLT driver operates on any line voltage from 120-277V (50/60 Hz).
- 2 Not available with 480V option.
- Single fuse (SF) requires 120V, 277V or 347V options. Double fuse (DF) requires 208V, 240V or 480V options,
- 4 Not available with 347V or 480V. Not available with WLU.
- 5 WLU not available with PIR, E20WC or E10WH.
- 6 See PIR Table for default settings.
- 7 Only available with P3 & P4 packages. Provides 50/50 luminaire operation via two independent drivers and light engines on two separate circuits. Not available with E20WC, E10WH, WLU, SF, or DF. When ordered with photocell (PE) or motion sensor (PIR), only the primary power source leads will be controlled.
- 8 See electrical section on page 2 for more details.





## **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.

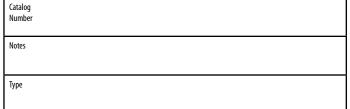
**WARRANTY** — 5-year limited warranty. Complete warranty terms located at:

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** 











**Example:** LDN6 35/15 LO6AR LSS MVOLT EZ10



## A+ Capable options indicated by this color background.

LD

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

| eries | Color temperature | Lumens <sup>1</sup> | Aperture/Trim Color | Finish | Voltage |  |
|-------|-------------------|---------------------|---------------------|--------|---------|--|
| DN6   |                   |                     |                     |        |         |  |
|       |                   | , , , , ,           | <u>'</u>            |        |         |  |

| Series Color t                                | r temperature                             | Lumens <sup>1</sup>   |  | Aperture/Trim Color           |  | Finish   | Voltage   |
|---|---|---|--|-------------------------------|--|--|---|
| LDN6 6" round 27/<br>30/<br>35/<br>40/<br>50/ | 2700K<br>3000K<br>3500K<br>4000K<br>5000K | 05 500 lumens<br>10 1000 lumens<br>15 1500 lumens<br>20 2000 lumens | 25 2500 lumens<br>30 3000 lumens<br>40 4000 lumens<br>50 5000 lumens | LO6 Downlight<br>LW6 Wallwash | AR Clear<br>WR <sup>2</sup> White<br>BR <sup>2</sup> Black | LSS Semi-specular<br>LD Matte diffuse<br>LS Specular | MVOLT Multi-volt<br>120 120V<br>277 277V<br>347 <sup>3</sup> 347V |

| Driver  | Options   |  |   |  |  |  |  |  |
|---|---|--|---|--|--|--|--|--|
| GZ10 0-10V driver dims to 10% GZ1 0-10V driver dims to 1% EZ10 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10% EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1% | SF4 Single fuse TRW5 White painted flange TRBL3 Black painted flange EL6 Emergency battery pack with integral test switch ELR Emergency battery pack with remote test switch ELSD Emergency battery pack with self-diagnostics, integral test switch ELRSD Emergency battery pack with self-diagnostics, remote test switch E10WCP Emergency battery pack, 10W Constant Power, CA Title 20 compliant with integral test switch E10WCPR Emergency battery pack, 10W Constant Power, CA Title 20 compliant with remote test switch NPP16D7 nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). RPP16DER7 nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit. | N808 NPS80EZ7 NPS80EZER7 HA011 CP12 WL RRL NLTAIR29,10 NLTAIRER29,10 USPOM | nLight™ Lumen Compensation  nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).  nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.  High ambient option  Chicago Plenum  Wet Location, specify for exterior use applications  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.  nLight® Air enabled  nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit  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.
- Add "SD" for self-diagnostic option (i.e. ELSD)
- 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
- 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.

**DOWNLIGHTING** LDN<sub>6</sub>









d"series

## **Specifications**

Diameter: 8" Round (20.3 cm)

Height:

42" (106.7 cm)

Weight (max):

27 lbs (12.25 kg)



Catalog Number

Notes

Туре

#### Introduction

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

## **Ordering Information**

#### **EXAMPLE:** DSXB LED 16C 700 40K SYM MVOLT DDBXD

| DSXB LED |   |   |  |   |  |  |   |   |
|----------|---|---|--|---|--|--|---|---|
| Series   | LEDs  | Drive current   | Color temperature  | Distribution  | Voltage  | Control options  | Other options   | Finish (required)   |
| DSXB LED | Asymmetric 12C 12 LEDs¹  Symmetric 16C 16 LEDs² | 350 350 mA<br>450 450 mA <sup>3,4</sup><br>530 530 mA<br>700 700 mA | 30K 3000 K<br>40K 4000 K<br>50K 5000 K<br>AMBPC Amber phosphor<br>converted<br>AMBLW Amber limited<br>wavelength 3.4 | ASY Asymmetric <sup>1</sup><br>SYM Symmetric <sup>2</sup> | MVOLT 5<br>120 5<br>208 5<br>240 5<br>277 5<br>347 4 | PE Photoelectric cell, button type  DMG 0-10V dimming driver (no controls)  ELCW Emergency battery backup <sup>6</sup> | Shipped installed  SF Single fuse (120, 277, 347V) 47  DF Double fuse (208, 240V) 47  H24 24" overall height H30 30" overall height H36 36" overall height FG Ground-fault festoon outlet  L/AB Without anchor bolts  L/AB4 4-bolt retrofit base without anchor bolts 8 | DWHXD White DNAXD Natural aluminum  DDBXD Dark bronze  DBLXD Black  DDBTXD Textured dark bronze  DBLBXD Textured black  DNATXD Textured natural aluminum  DWHGXD Textured white |

### **Accessories**

MRAB U Anchor bolts for DSXB 8

#### NOTES

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

