

## Tube Architectural

### 6" Wall Mount

DS-WS06 | DS-WS0622

Fixture Type: \_\_\_\_\_

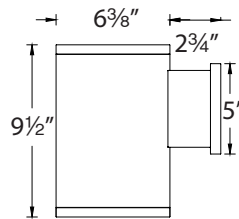
Project: \_\_\_\_\_

Catalog#: \_\_\_\_\_

Location: \_\_\_\_\_



#### LINE DRAWING



#### PRODUCT DESCRIPTION

The latest energy efficient LED technology in an appealing cylindrical profile delivers accent and wall wash lighting. Comes in various light distribution and beam angle options.

#### SPECIFICATIONS

**Construction:** Durable die-cast aluminum construction

**Mounting:** Wall mounted

**Light Source:** High output 3-step Mac Adam Ellipse COB  
Rated life of 60,000 hours at L70

**Input:** Universal 120-277V AC 50/60 Hz

**Dimming:** Electronic low voltage (ELV) : 100 - 5%  
0-10V: 100 - 1%

**Maximum Delivered Intensity:** Up to 13062 cd (Spot 16°, 4000K, CRI 85)

**Maximum Delivered Output:** Up to 2470 lm (Flood 33°, 4000K, CRI 85)

**Operating Temperature:** -13°F to 122°F (-25°C to 50°C)

**Standards:** IP65 rated, ETL & cETL Wet location listed  
Energy Star® 2.2 rated, Title 24 JA8 Compliant

**Warranty:** 5 year WAC Lighting guaranteed warranty

#### BEAM ANGLES



#### FINISHES



| Beam Angle   | Color Temp | CRI   | Reference Lumens | Output <sup>1</sup> CBCP | Efficacy (Lm/W) | Light Direction |
|--------------|------------|-------|------------------|--------------------------|-----------------|-----------------|
| S Spot 16°   | 927        | 2700K | 90               | 2820                     | 18842           | 81              |
|              | 827        | 2700K | 85               | 3385                     | 22608           | 97              |
|              | 930        | 3000K | 90               | 2925                     | 19543           | 84              |
|              | 830        | 3000K | 85               | 3535                     | 23632           | 101             |
|              | 835        | 3500K | 85               | 3630                     | 24255           | 104             |
| N Narrow 28° | 840        | 4000K | 85               | 3665                     | 24490           | 105             |
|              | 927        | 2700K | 90               | 2800                     | 7992            | 80              |
|              | 827        | 2700K | 85               | 3360                     | 9589            | 96              |
|              | 930        | 3000K | 90               | 2900                     | 8290            | 83              |
|              | 830        | 3000K | 85               | 3510                     | 10024           | 100             |
| F Flood 38°  | 835        | 3500K | 85               | 3600                     | 10288           | 103             |
|              | 840        | 4000K | 85               | 3635                     | 10388           | 104             |
|              | 927        | 2700K | 90               | 2825                     | 5451            | 81              |
|              | 827        | 2700K | 85               | 3390                     | 6540            | 97              |
|              | 930        | 3000K | 90               | 2930                     | 5654            | 84              |
| S Straight   | 830        | 3000K | 85               | 3545                     | 6836            | 101             |
|              | 835        | 3500K | 85               | 3640                     | 7017            | 104             |
|              | 840        | 4000K | 85               | 3675                     | 7085            | 105             |
| A Away       |            |       |                  |                          |                 |                 |
|              |            |       |                  |                          |                 |                 |
|              |            |       |                  |                          |                 |                 |
| B Towards    |            |       |                  |                          |                 |                 |
|              |            |       |                  |                          |                 |                 |
|              |            |       |                  |                          |                 |                 |

Reference output shows 35W output aimed straight up or down. Multiply by 0.7 to determine output for 22W combinations.

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Project: \_\_\_\_\_

Catalog#: \_\_\_\_\_

Location: \_\_\_\_\_

### ORDERING INFORMATION

| CONFIGURATION TABLE |         |                         |                 |                |
|---------------------|---------|-------------------------|-----------------|----------------|
| Model & Size        | Beam    | Color Temperature & CRI | Light Direction | Housing Finish |
| DS-WS06 (35W)       | S - 16° | 827 - 2700K - 85        | S - Straight    | BK - BLACK     |
| DS-WS0622 (22W)     | N - 28° | 830 - 3000K - 85        | A - Away        | BZ - BRONZE    |
|                     | F - 38° | 835 - 3500K - 85        | B - Towards     | GH - GRAPHITE  |
|                     |         | 840 - 4000K - 85        |                 | WT - WHITE     |
|                     |         | 927 - 2700K - 90        |                 |                |
|                     |         | 930 - 3000K - 90        |                 |                |

**DS-WS06-\_\_\_\_\_**

Example: DS-WS06-N927S-BK

### ORDERING NOTES

- 16° and 28° can only be ordered with the Light Direction "S-Straight".
- 38° beam fixtures can be ordered with the Light Directions "S-Straight", "A-Away", and "B-Towards".

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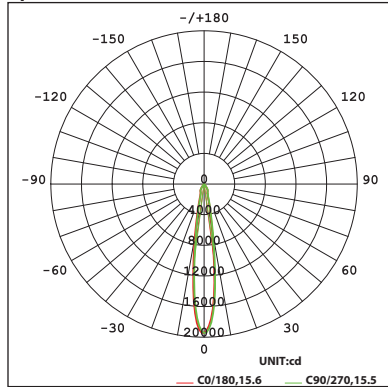
Fixture Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Catalog#: \_\_\_\_\_  
 Location: \_\_\_\_\_

### PERFORMANCE DATA

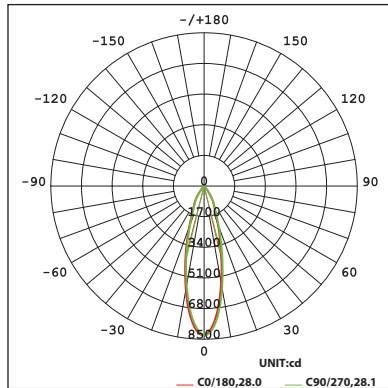
#### Polar Candela Distribution Charts

Samples shown with a 35W fixture set to 3000K and 90 CRI.

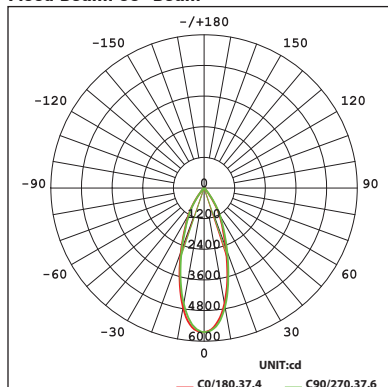
##### Spot Beam: 16° Beam



##### Narrow Flood Beam: 28° Beam



##### Flood Beam: 38° Beam



#### Unified Glare Rating (UGR) Table

UGR values shown are calculated for the Spot Beam (16°) optic at 3000K and 90 CRI. General performance of other beam angles shown below.

| ceiling/cavity  | 0.7              | 0.7 | 0.5 | 0.5 | 0.3 | 0.7            | 0.7 | 0.5 | 0.5 | 0.3 |     |
|-----------------|------------------|-----|-----|-----|-----|----------------|-----|-----|-----|-----|-----|
| walls           | 0.5              | 0.3 | 0.5 | 0.3 | 0.3 | 0.5            | 0.3 | 0.5 | 0.3 | 0.3 |     |
| working plane   | 0.2              | 0.2 | 0.2 | 0.2 | 0.2 | 0.2            | 0.2 | 0.2 | 0.2 | 0.2 |     |
| Room dimensions | Viewed crosswise |     |     |     |     | Viewed endwise |     |     |     |     |     |
| x = 2H y = 2H   | 5.1              | 5.8 | 5.3 | 6.0 | 6.2 | 4.7            | 5.4 | 4.9 | 5.6 | 5.8 |     |
| 3H              | 5.4              | 6.1 | 5.6 | 6.3 | 6.5 | 5.1            | 5.7 | 5.3 | 5.9 | 6.1 |     |
| 4H              | 5.6              | 6.2 | 5.9 | 6.5 | 6.7 | 5.3            | 5.9 | 5.6 | 6.2 | 6.4 |     |
| 6H              | 5.8              | 6.4 | 6.1 | 6.7 | 6.9 | 5.5            | 6.1 | 5.8 | 6.4 | 6.6 |     |
| 8H              | 5.9              | 6.5 | 6.2 | 6.7 | 7.0 | 5.5            | 6.1 | 5.8 | 6.4 | 6.7 |     |
| 12H             | 6.0              | 6.5 | 6.3 | 6.8 | 7.1 | 5.6            | 6.1 | 5.9 | 6.4 | 6.7 |     |
| 4H              | 2H               | 5.1 | 5.7 | 5.4 | 6.0 | 6.2            | 4.7 | 5.4 | 5.0 | 5.6 | 5.8 |
|                 | 3H               | 5.5 | 6.1 | 5.8 | 6.4 | 6.7            | 5.2 | 5.8 | 5.5 | 6.1 | 6.4 |
|                 | 4H               | 5.8 | 6.4 | 6.2 | 6.7 | 7.0            | 5.6 | 6.1 | 5.9 | 6.4 | 6.7 |
|                 | 6H               | 6.2 | 6.7 | 6.6 | 7.0 | 7.3            | 5.9 | 6.4 | 6.3 | 6.7 | 7.1 |
|                 | 8H               | 6.3 | 6.8 | 6.7 | 7.1 | 7.5            | 6.0 | 6.5 | 6.4 | 6.8 | 7.2 |
|                 | 12H              | 6.5 | 6.9 | 6.9 | 7.3 | 7.7            | 6.1 | 6.5 | 6.5 | 6.9 | 7.3 |
| 8H              | 4H               | 5.9 | 6.4 | 6.3 | 6.7 | 7.1            | 5.7 | 6.1 | 6.1 | 6.5 | 6.9 |
|                 | 6H               | 6.4 | 6.8 | 6.8 | 7.2 | 7.6            | 6.2 | 6.5 | 6.6 | 6.9 | 7.4 |
|                 | 8H               | 6.6 | 7.0 | 7.1 | 7.4 | 7.8            | 6.4 | 6.7 | 6.8 | 7.1 | 7.6 |
|                 | 12H              | 6.9 | 7.2 | 7.4 | 7.6 | 8.1            | 6.5 | 6.8 | 7.0 | 7.3 | 7.7 |
| 12H             | 4H               | 5.9 | 6.3 | 6.3 | 6.7 | 7.1            | 5.7 | 6.1 | 6.1 | 6.5 | 6.9 |
|                 | 6H               | 6.4 | 6.7 | 6.9 | 7.2 | 7.6            | 6.2 | 6.5 | 6.7 | 7.0 | 7.4 |
|                 | 8H               | 6.7 | 7.0 | 7.2 | 7.4 | 7.9            | 6.5 | 6.7 | 6.9 | 7.2 | 7.7 |

| Beam         | Angle | UGR Range |
|--------------|-------|-----------|
| Spot         | 16°   | ≤ 8       |
| Narrow Flood | 28°   | ≤ 8       |
| Flood        | 38°   | ≤ 9       |