

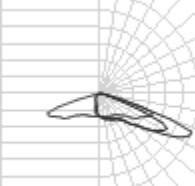
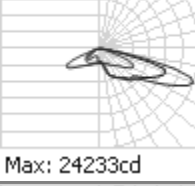
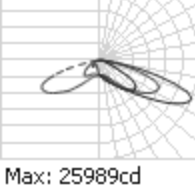
| Luminaire Locations |       |          |         |       |       |             |      |         |         |      |
|---------------------|-------|----------|---------|-------|-------|-------------|------|---------|---------|------|
|                     |       | Location |         |       |       |             |      | Aim     |         |      |
| No.                 | Label | X        | Y       | Z     | MH    | Orientation | Tilt | X       | Y       | Z    |
| 1                   | A     | 5217.72  | 5188.42 | 20.00 | 20.00 | 270.00      | 0.00 | 5216.22 | 5188.42 | 0.00 |
| 1                   | S     | 5233.39  | 5123.60 | 20.00 | 20.00 | 0.00        | 0.00 | 5233.39 | 5123.60 | 0.00 |
| 2                   | S     | 5346.93  | 5123.60 | 20.00 | 20.00 | 0.00        | 0.00 | 5346.93 | 5123.60 | 0.00 |
| 3                   | S     | 5468.38  | 5123.60 | 20.00 | 20.00 | 0.00        | 0.00 | 5468.38 | 5123.60 | 0.00 |
| 6                   | S     | 5473.27  | 4972.30 | 20.00 | 20.00 | 180.00      | 0.00 | 5473.27 | 4972.30 | 0.00 |
| 7                   | S     | 5363.23  | 4972.30 | 20.00 | 20.00 | 180.00      | 0.00 | 5363.23 | 4972.30 | 0.00 |
| 8                   | S     | 5263.55  | 4972.30 | 20.00 | 20.00 | 0.00        | 0.00 | 5263.55 | 4972.30 | 0.00 |
| 9                   | S     | 5223.88  | 5108.38 | 20.00 | 20.00 | 270.00      | 0.00 | 5223.88 | 5108.38 | 0.00 |
| 10                  | S     | 5196.36  | 5108.38 | 20.00 | 20.00 | 270.00      | 0.00 | 5196.36 | 5108.38 | 0.00 |
| 1                   | S1    | 5130.34  | 5187.48 | 20.00 | 20.00 | 180.00      | 0.00 | 5130.34 | 5186.13 | 0.00 |
| 2                   | S1    | 5113.44  | 5076.33 | 20.00 | 20.00 | 90.00       | 0.00 | 5114.79 | 5076.33 | 0.00 |
| 3                   | S1    | 5130.03  | 4963.03 | 20.00 | 20.00 | 360.00      | 0.00 | 5130.03 | 4964.38 | 0.00 |
| 1                   | SA    | 5305.65  | 5192.62 | 20.00 | 20.00 | 180.00      | 0.00 | 5305.65 | 5191.27 | 0.00 |
| 1                   | SW    | 5525.23  | 5109.40 | 20.00 | 20.00 | 0.00        | 0.00 | 5525.23 | 5109.40 | 0.00 |
| 2                   | SW    | 5525.23  | 4993.03 | 20.00 | 20.00 | 90.00       | 0.00 | 5525.23 | 4993.03 | 0.00 |

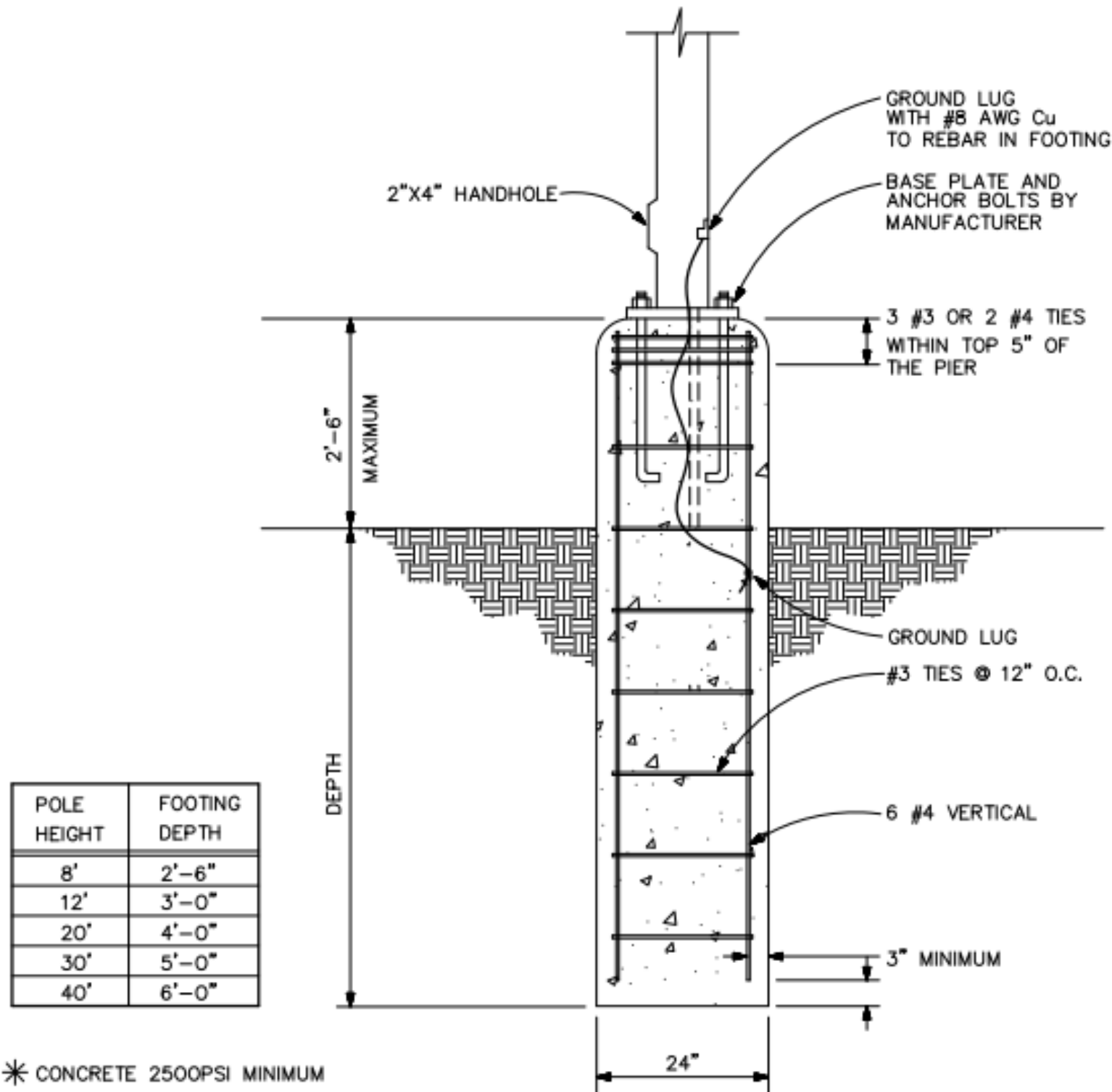
| Ordering Information        |            |                           |                   |                          |            | EXAMPLE: DSX2 LED 80C 1000 40K T4M MVOLT SPA DBXDXX |              |                                  |                    |                  |                                                     |
|-----------------------------|------------|---------------------------|-------------------|--------------------------|------------|-----------------------------------------------------|--------------|----------------------------------|--------------------|------------------|-----------------------------------------------------|
| DSX2 LED                    |            |                           |                   |                          |            |                                                     |              |                                  |                    |                  |                                                     |
| Series                      | LEDs       | Drive current             | Color temperature | Distribution             | Voltage    | Mounting                                            |              |                                  |                    |                  |                                                     |
| DSX2 LED                    |            |                           |                   |                          |            |                                                     |              |                                  |                    |                  |                                                     |
| Forward optics              |            |                           |                   |                          |            |                                                     |              |                                  |                    |                  |                                                     |
| 80C (80 LEDs)               | 530<br>700 | 530mA<br>700mA            | JDK<br>40K        | 3000K<br>4000K           | T15<br>T25 | Type I Short<br>Type II Short                       | TSSV<br>TSVS | Type V-Poly Short<br>Type V-Shot | 1MD <sup>1/2</sup> | Shipped included |                                                     |
| (flat original)             | 1000       | 1000 mA                   | SOK               | 5000K                    | T2M        | Type III Medium                                     | TSW          | Type V-Medium                    | 208 <sup>1/2</sup> | RPA              | Round pole mounting                                 |
| 100C (100 LEDs)             | 1200       | 1200 mA (I <sub>A</sub> ) | AMBP              | Amber phosphor converted | T5S        | Type III Short                                      | TSW          | Type V-Wide                      | 240 <sup>1/2</sup> | WB4              | Wall bracket                                        |
| (flat original)             |            | 1200 mA (I <sub>A</sub> ) |                   |                          | T3M        | Type III Medium                                     | BLC          | Backlight control                | 277 <sup>1/2</sup> | SP4BMA           | Spot universal mounting adapter <sup>1</sup>        |
|                             |            |                           |                   |                          | T4M        | Type IV Medium                                      | KCCO         | Left corner coated               | 347 <sup>1/2</sup> | BR4BMA           | Recessed universal mounting adapter <sup>1</sup>    |
| Rotated optics <sup>2</sup> |            |                           |                   |                          | TTTM       | Infrared Three Medium                               | KCCD         | Right corner coated              | 440 <sup>1/2</sup> |                  | Shipped separately                                  |
| 90C (90 LEDs)               |            |                           |                   |                          |            |                                                     |              |                                  |                    | KMAR DBXDXX B    | Mark an existing bracket adapter (specify in title) |

[illegible]

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DESERT HOT SPRINGS  
CULTIVATION FACILITY  
SITE LIGHTING ANALYSIS

| Schedule                                                                            |       |                                                                                     |     |                                     |                                                                                                          |      |              |                 |     |         |                                                                                                     |
|-------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|-----|-------------------------------------|----------------------------------------------------------------------------------------------------------|------|--------------|-----------------|-----|---------|-----------------------------------------------------------------------------------------------------|
| Symbol                                                                              | Label | Image                                                                               | QTY | Catalog Number                      | Description                                                                                              | Lamp | Number Lamps | Lumens per Lamp | LLF | Wattage | Polar Plot                                                                                          |
|  | A     |  | 1   | DSX2 LED 80C 530 AMBPC T4M MVOLT HS | DSX2 LED W/4 (20) LED LIGHT ENGINES, (1) 530mA DRIVER, AMBPC LED, TYPE T4M OPTICS WITH HOUSE SIDE SHIELD | LED  | 1            | 8282            | 0.9 | 133     | <br>Max: 5866cd  |
|  | S     |  | 8   | DSX2 LED 100C 700 40K T4M MVOLT     | DSX2 LED W/2 (30) LED & 2 (20) LED LIGHT ENGINES, (2) 700mA DRIVERS, 4000K LED, TYPE T4M OPTICS          | LED  | 1            | 23038           | 0.9 | 227     | <br>Max: 15201cd |
|  | S1    |  | 3   | DSX2 LED 100C 1000 40K TFTM MVOLT   | DSX2 LED WITH 100 LEDs @1000mA, 4000K, TYPE FORWARD THROW MEDIUM OPTICS                                  | LED  | 1            | 36779           | 0.9 | 360     | <br>Max: 24233cd |
|  | S2    |  | 0   | DSX2 LED 100C 1000 40K TFTM MVOLT   | DSX2 LED WITH 100 LEDs @1000mA, 4000K, TYPE FORWARD THROW MEDIUM OPTICS                                  | LED  | 1            | 36779           | 0.9 | 720     | <br>Max: 24233cd |
|  | SA    |  | 1   | DSX2 LED 100C 1000 40K T2M MVOLT    | DSX2 LED WITH 100 LEDs @1000mA, 4000K, TYPE 2 MEDIUM OPTICS                                              | LED  | 1            | 36550           | 0.9 | 360     | <br>Max: 25989cd |
|  | SW    |  | 2   | DSX2 LED 100C 1000 40K T2M MVOLT    | DSX2 LED WITH 100 LEDs @1000mA, 4000K, TYPE 2 MEDIUM OPTICS                                              | LED  | 1            | 36550           | 0.9 | 360     | <br>Max: 25989cd |



BOLTED LIGHT POLE BASE DETAIL  
NO SCALE

1

E7.1