


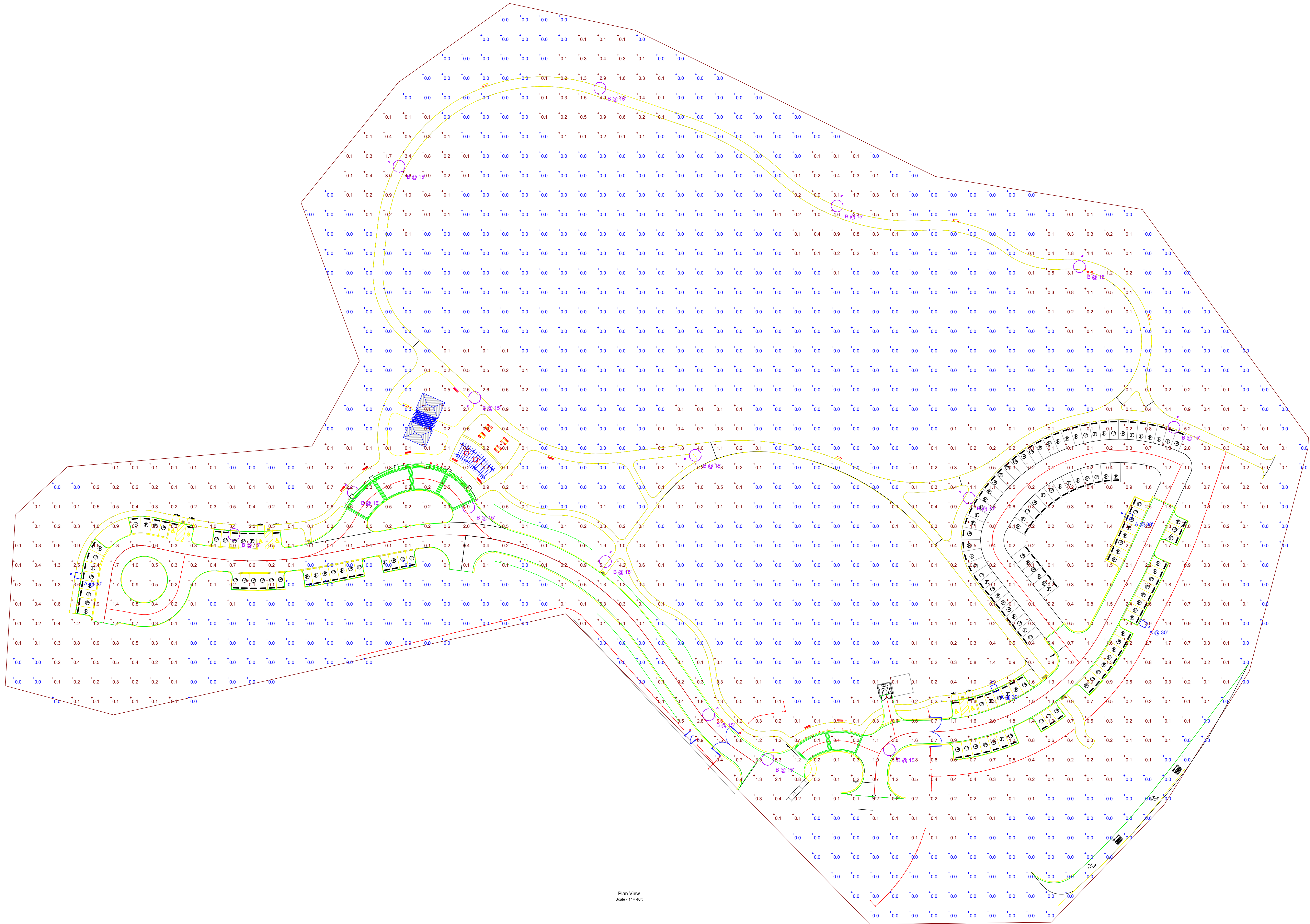


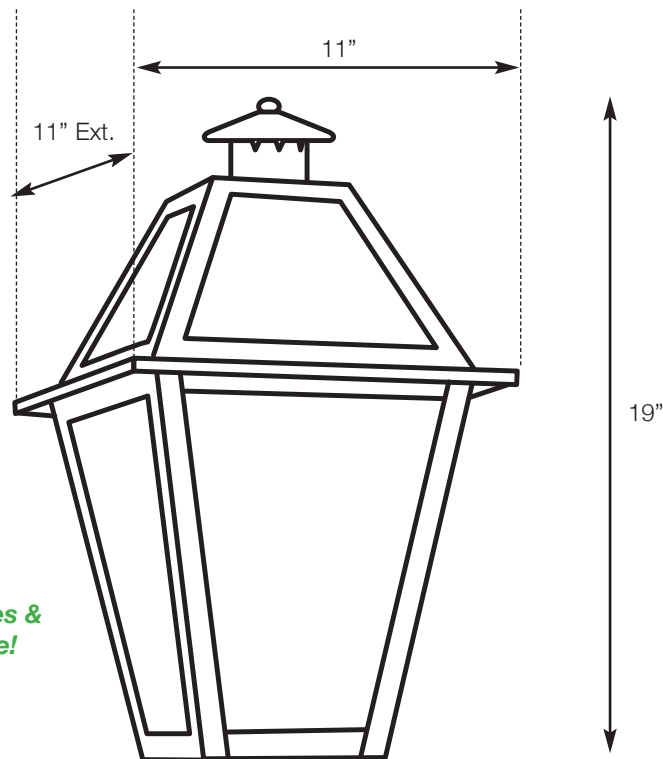
| Schedule | | | | | | | | | | |
|---|-------|-------|----------|----------------------------|--------------------------|--|--------------|-----------------|-------------------|---------|
| Symbol | Label | Image | Quantity | Manufacturer | Catalog Number | Description | Number Lamps | Lumens Per Lamp | Light Loss Factor | Wattage |
|  | A | | 4 | American Electric Lighting | ATB2 P602 R4 4K | Autobahn Large P602 Package Roadway Type IV 4000K/5000K CCT | 1 | 2720 | 0.9 | 196 |
|  | B | | 15 | Holophane | GEL F3 P40 40K XXXXX A51 | ClearWorks Luminescent LED Halobrook Extended P40 Performance Package 4000K CCT, Asymmetric distribution | 1 | 9657 | 0.9 | 75 |

| Statistics | | | | | | |
|-------------|---|--------|--------|--------|---------|---------|
| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
| Overall |  | 0.3 fc | 5.6 fc | 0.0 fc | N/A | N/A |



SPJ35-01B

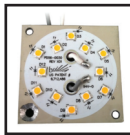
Lantern



*Unlimited LED Lumen Packages &
Color Temperatures Available!*



SPJ-2W-CB-C
2W
12V or 120V



FB-MP1000
120V
10W
1000 LUMENS
WARM DIMMING



| | |
|------------------------------|-----------------------------------|
| MODEL: | SPJ35-01B |
| MATERIAL : | Solid Brass |
| FINISH : | Matte Bronze MBR |
| GLASS : | Clear (C) |
| ELECTRICAL : | 120v |
| SOCKET : | (2) Light Candelabra |
| LAMP : | Specify |
| FLUORESCENT OPTIONS : | PL-13W, PLT-26W, PLT-32W, PLT-42W |
| MOUNTING : | Flush Mount |



DRAWN BY: MMC

BASE DESIGN: SPJ

DATE: 01-10-10

SPJ LIGHTING INC.

2107 Chico Avenue
 South El Monte, CA 91733
 (800) 469-3637 FAX: (626) 433-4839

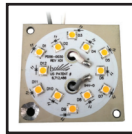
SPJ35-03B

Lantern

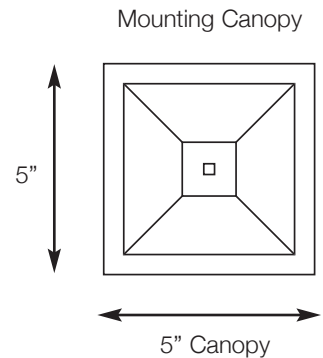
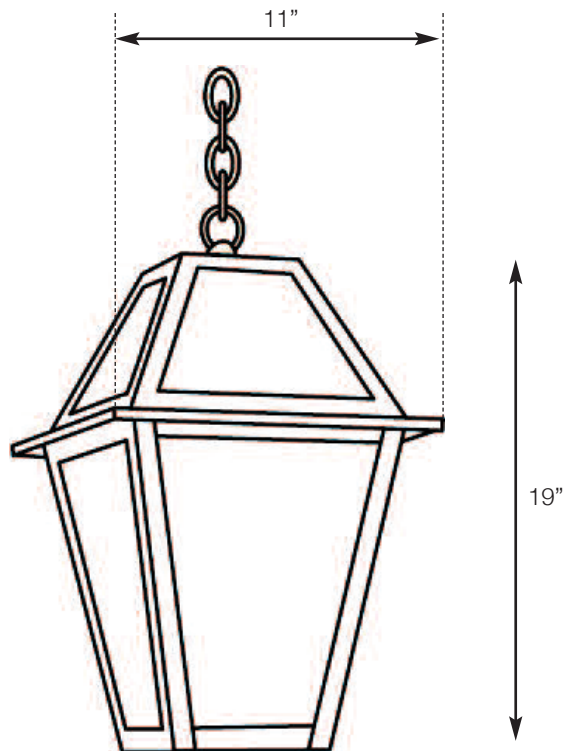
*Unlimited LED Lumen
Packages & Color
Temperatures Available!*



SPJ-2W-CB-C
2W
12V or 120V



FB-MP1000
120V
10W
1000 LUMENS
WARM DIMMING



| | |
|------------------------------|-----------------------------------|
| MODEL: | SPJ35-03B |
| MATERIAL : | Solid Brass |
| FINISH : | Matte Bronze MBR |
| GLASS : | Clear (C) |
| ELECTRICAL : | 120v |
| SOCKET : | (3) Light Candelabra |
| LAMP : | Specify |
| FLUORESCENT OPTIONS : | PL-13W, PLT-26W, PLT-32W, PLT-42W |
| MOUNTING : | Pendant Mount |



DRAWN BY: MMC

BASE DESIGN: SPJ

DATE: 01-10-10

SPJ LIGHTING INC.

2107 Chico Avenue
 South El Monte, CA 91733
 (800) 469-3637 FAX: (626) 433-4839

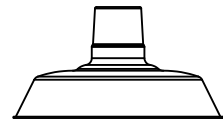
ATTACHMENT 4



SPS-0448 REV C

THE ORIGINAL™ INTEGRATED LED SERIES

JOB NAME: _____ FIXTURE TYPE: _____



| | | | | | | | |
|-------|---|---|---|---|---|---|---|
| BLE - | - | - | - | - | - | - | - |
| | A | B | C | D | E | F | G |
| | - | - | - | - | - | - | - |
| | H | I | J | K | L | | |

Order Example: BLE - G - WHS16 - 600 - G22 - 980 - NA - ACR - 600 - NA - LED38 - 2700K - DL

A - MOUNTING STYLE

| | |
|----|--------------------------|
| C | Cord Hung |
| CN | Chain Hung |
| F | Flush Mount ¹ |
| G | Gooseneck |
| S | Stem Mount |

B - SHADE SIZE

THE ORIGINAL™:

| | |
|--------------------|-----------|
| WHS12 | 12" Shade |
| WHS14 | 14" Shade |
| WHS16 | 16" Shade |
| WHS18 | 18" Shade |
| WHS20 ² | 20" Shade |

C - SHADE FINISH

PORCELAIN FINISHES³:

| | |
|-----|-----------------|
| 150 | Black |
| 250 | White |
| 350 | Vintage Green |
| 355 | Jadite |
| 455 | Cherry Red |
| 550 | Yellow |
| 650 | Bronze |
| 750 | Cobalt Blue |
| 765 | Delphite Blue |
| 850 | Graphite |
| 950 | Metallic Chrome |

POWDER COAT FINISHES⁴:

| | |
|-----|-------------------|
| 100 | Black |
| 105 | Textured Black |
| 106 | Matte Black |
| 200 | White |
| 206 | Matte White |
| 300 | Dark Green |
| 307 | Emerald Green |
| 311 | Jadite |
| 370 | Mint |
| 380 | Chartreuse |
| 390 | Teal |
| 400 | Barn Red |
| 420 | Orange |
| 470 | Watermelon |
| 480 | Blush Pink |
| 490 | Magenta |
| 495 | Sherbet Orange |
| 500 | Buttery Yellow |
| 570 | Sunflower |
| 600 | Bronze |
| 601 | Chocolate |
| 605 | Rust |
| 615 | Oil-Rubbed Bronze |

C - SHADE FINISH (CONTINUED)

POWDER COAT FINISHES⁴:

| | |
|-----|------------------|
| 700 | Royal Blue |
| 705 | Navy |
| 710 | Cobalt Blue |
| 715 | Delphite Blue |
| 790 | Lavender |
| 800 | Industrial Grey |
| 805 | Charcoal Granite |
| 810 | Graphite |
| 975 | Galvanized |

NATURAL METALS⁵:

| | |
|-----|-------------------|
| 995 | Raw Copper |
| 996 | Weathered Copper |
| 997 | Raw Brass |
| 998 | Weathered Brass |
| 999 | Oil-Rubbed Copper |

D - MOUNTING

Please Note: If Flush Mount [F] is selected in Section A, please select NA

| | |
|----|----------------|
| NA | Not Applicable |
|----|----------------|

CSA LISTED CORDS:

| | |
|------|---------------------|
| SBK | Standard Black |
| SWH | Standard White |
| CSB | Black Cloth |
| CSW | White Cloth |
| CMG | Grey Cloth |
| CSR | Red Cloth |
| CRZ | Red Chevron Cloth |
| CSBB | Black & Brown Cloth |
| CSRW | Red & White Cloth |
| CSGW | Gold & White Cloth |
| CSBG | Black & Gold Cloth |
| CSBW | Black & White Cloth |
| CSBP | Black & Pink Cloth |
| CSUW | Blue & White Cloth |

CHAIN MOUNT OPTIONS²:

| | |
|------|-------------|
| CN36 | 3' of Chain |
| CN48 | 4' of Chain |
| CN60 | 5' of Chain |
| CN72 | 6' of Chain |

D - MOUNTING (CONTINUED)

GOOSENECK OPTIONS:

| | | |
|-------------------|------------------|------------------|
| G1 ² | G11 ² | G26 ² |
| G2 ² | G12 ² | G32 |
| G3 ^{2,6} | G13 | G34 ² |
| G4 ⁶ | G14 | G35 ² |
| G5 ² | G15 | G36 ² |
| G6 | G16 ² | G64 ² |
| G7 | G17 | G65 ² |
| G8 | G22 | |
| G9 | G24 | |
| G10 | G25 | |

STEM MOUNT OPTIONS:

| | |
|-------|----------------------------------|
| ST506 | .5" Stem Mount, 6" ² |
| ST512 | .5" Stem Mount, 12" ² |
| ST518 | .5" Stem Mount, 18" ² |
| ST524 | .5" Stem Mount, 24" ² |
| ST536 | .5" Stem Mount, 36" ² |
| ST548 | .5" Stem Mount, 48" ² |
| ST706 | .75" Stem Mount, 6" |
| ST712 | .75" Stem Mount, 12" |
| ST718 | .75" Stem Mount, 18" |
| ST724 | .75" Stem Mount, 24" |
| ST736 | .75" Stem Mount, 36" |
| ST748 | .75" Stem Mount, 48" |

E - MOUNTING FINISH

Please Note: See Section C for Finish Options. 980-Brushed Aluminum is also available for Gooseneck (Except G36, G64 & G65) and Stem mounting styles. If a Porcelain shade finish is selected, mounting will be powder coat painted-to-match. Porcelain shade finishes are not available with a Natural Metal mounting finish

(I) If Cord Hung [C], selection identifies canopy finish

(II) If Chain Hung [CN] Mounting Style, selection identifies chain and canopy finish. Natural Metals are not applicable

(III) If Stem Mount [S] Mounting Style, selection identifies stem and canopy finish

(IV) If Flush Mount [F] Mounting Style, selection identifies hex coupler and canopy finish. Natural Metals are not applicable

| | |
|-----|------------------|
| 980 | Brushed Aluminum |
|-----|------------------|

F - CORDS⁷

Please Note: See Section D for all applicable CSA Listed Cord Options

| | |
|----|----------------|
| NA | Not Applicable |
|----|----------------|

G - SHADE ACCESSORIES²

| | |
|-----|---------------------------------|
| NA | None |
| WC | Wire Cage |
| ACR | Acrylic Diffuser ^{8,9} |

H - SHADE ACCESSORY FINISH

Please Note: See Section C for Finish Options. Natural Metals not applicable. If Porcelain Finish is selected, accessory will be powder coat painted-to-match

| | |
|----|----------------|
| NA | Not Applicable |
|----|----------------|

I - MOUNTING ACCESSORY

Please Note: Mounting Accessories below are only applicable with select Mounting Styles. Please refer to product listings on our website for further detail.

| | |
|-------|---|
| NA | None/Not Applicable |
| HSC | Hang Straight Canopy ^{2,10} |
| LDBPC | LED Decorative Backing Plate Cover ^{11,12} |
| LDCHX | LED Decorative Backing Plate Cover & Hex Cover ^{11,12} |

J - LIGHT SOURCE

| | |
|-------|----------------------------------|
| LED11 | 850 Lumen, 11W LED |
| LED16 | 1250 Lumen, 16W LED |
| LED27 | 2000 Lumen, 27W LED |
| LED38 | 3000 Lumen, 38W LED |
| LED43 | 4000 Lumen, 43W LED ¹ |

K - COLOR TEMPERATURE

| | |
|-------|----------------------|
| 2700K | 2700K, Warm White |
| 3000K | 3000K, Neutral White |
| 3500K | 3500K, Bright White |
| 4000K | 4000K, Cool White |

L - LED LENS

| | |
|----|------------|
| DL | Domed Lens |
| FL | Flat Lens |

IMPORTANT: (1) Not available with Acrylic Diffuser shade accessory (2) Not available in Natural Metals (3) All Porcelain Enamel finished shades feature a white interior and a black outer rim (4) All Powder Coat finished shades, Galvanized excluded, feature a white interior (5) Natural Metals have a longer estimated manufacturing time, please check the website for exact lead time. There are no returns accepted on Natural Metals (6) Not compatible with 16" shade size and larger (7) Only applicable if Chain Hung Mounting Style selected in Section A, select NA if another Mounting Style is selected (8) Acrylic Diffuser limits the maximum lumen selection as well as reduces lumens delivered and LPW. Selection Limits: 2000 Max for 12" and 14" shades; 3000 Max for 16" through 20" shades (9) Fixture is CSA Listed for Damp Location with Acrylic Diffuser (10) Only applicable if Stem Mounting Style is selected in Section A (11) Not available with G3, G4, G11, G15, G26, & G36 Gooseneck option (12) Only applicable if Gooseneck Mounting Style is selected in Section A

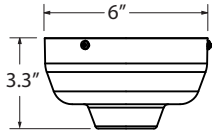
ATTACHMENT 4

BARN LIGHT ELECTRIC CO.

THE ORIGINAL™ INTEGRATED LED SERIES SPS-0448 REV C

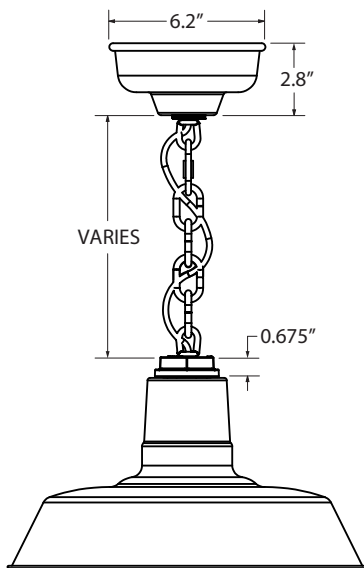
MOUNTING STYLE

HIGH LUMEN CANOPY FOR PENDANT & FLUSH MOUNT



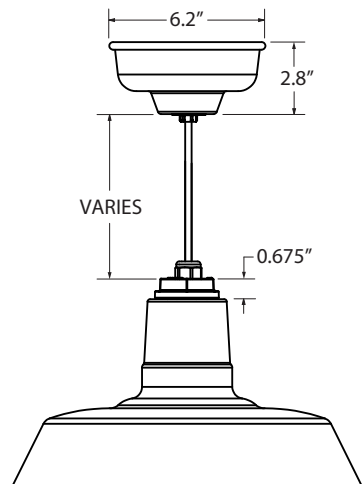
Required if LED 27, 38, 43 Light Source selected in Section J

CHAIN HUNG PENDANT (CN)



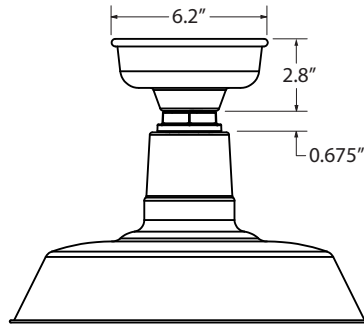
Canopy shown required if LED 11 & 16 Light Source selected in Section J

CORD HUNG PENDANT (C)



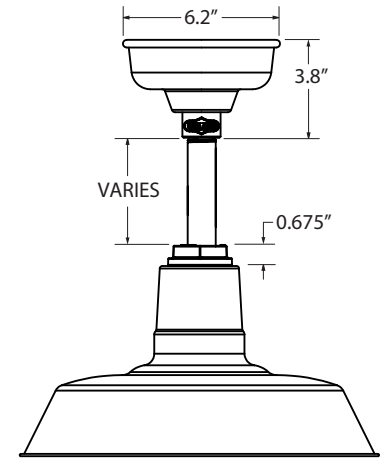
Canopy shown required if LED 11 & 16 Light Source selected in Section J

FLUSH MOUNT (F)



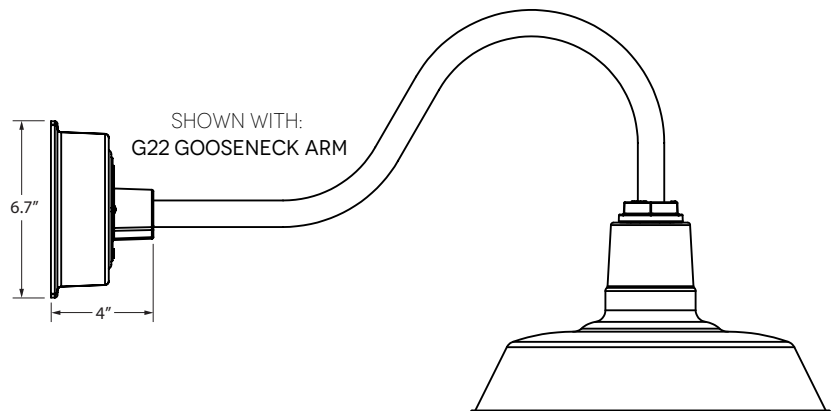
Canopy shown required if LED 11 & 16 Light Source selected in Section J

STEM MOUNT PENDANT (S)

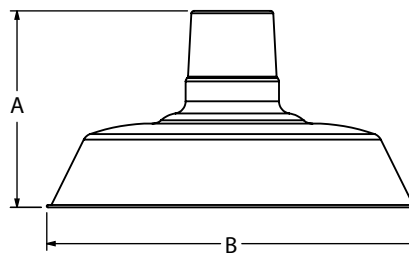


Canopy shown required if LED 11 & 16 Light Source selected in Section J

GOOSENECK (G)



LUMINAIRE DIMENSIONS



| SHADE CODE | HEIGHT (A) | DIAMETER (B) |
|------------|------------|--------------|
| WHS12 | 7" | 12" |
| WHS14 | 7.5" | 14" |
| WHS16 | 7.75" | 16" |
| WHS18 | 8.5" | 18" |
| WHS20 | 9.25" | 20" |

ATTACHMENT 4

BARN LIGHT ELECTRIC CO.

THE ORIGINAL™ INTEGRATED LED SERIES SPS-0448 REV C

LIGHT SOURCE

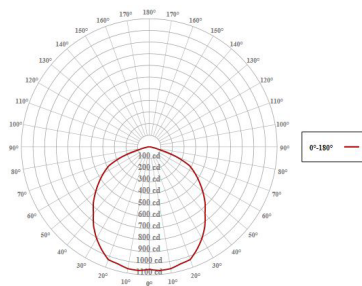
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. To obtain an IES file specific to your project, please contact the factory.

| | LUMENS | 850 | | 1250 | | 2000 | | 3000 | | 4000 | |
|-------|--------|---------|-----|---------|-----|---------|-----|---------|-----|---------|-----|
| | | Wattage | | Wattage | | Wattage | | Wattage | | Wattage | |
| | Optics | Lumens | LPW | Lumens | LPW | Lumens | LPW | Lumens | LPW | Lumens | LPW |
| WHS12 | FLAT | 846 | 74 | 1244 | 78 | 1997 | 74 | 2996 | 79 | 3995 | 93 |
| | DOMED | 824 | 72 | 1212 | 76 | 1936 | 72 | 2904 | 76 | 3872 | 90 |
| WHS14 | FLAT | 845 | 74 | 1243 | 77 | 1982 | 73 | 2973 | 78 | 3964 | 92 |
| | DOMED | 823 | 72 | 1210 | 75 | 1904 | 71 | 2856 | 75 | 3808 | 88 |
| WHS16 | FLAT | 845 | 74 | 1243 | 77 | 1982 | 73 | 2973 | 78 | 3964 | 92 |
| | DOMED | 822 | 72 | 1209 | 75 | 1902 | 70 | 2854 | 75 | 3805 | 88 |
| WHS18 | FLAT | 843 | 74 | 1240 | 77 | 1978 | 73 | 2967 | 78 | 3956 | 92 |
| | DOMED | 819 | 72 | 1204 | 75 | 1895 | 70 | 2843 | 75 | 3791 | 88 |
| WHS20 | FLAT | 841 | 74 | 1237 | 77 | 1973 | 73 | 2959 | 78 | 3945 | 91 |
| | DOMED | 815 | 72 | 1199 | 75 | 1887 | 70 | 2830 | 74 | 3773 | 87 |

*Acrylic Diffuser option reduces lumens delivered and LPW

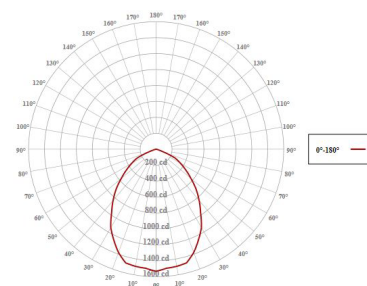
LIGHT DISTRIBUTION

DOMED LENS (DL)

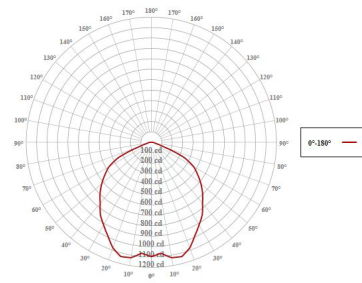


Shown above with 16" Shade (WHS16), White Interior (200-White) and 3000 Lumen (LED38)

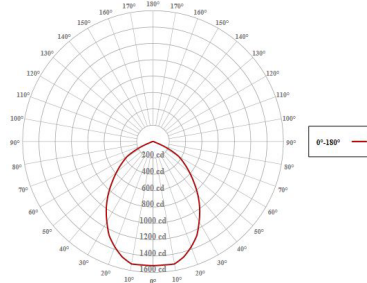
FLAT LENS (FL)



Shown above with 16" Shade (WHS16), White Interior (200-White) and 3000 Lumen (LED38)



Shown above with 20" Shade (WHS20), White Interior (200-White) and 3000 Lumen (LED38)



Shown above with 20" Shade (WHS20), White Interior (200-White) and 3000 Lumen (LED38)

ATTACHMENT 4

BARN LIGHT ELECTRIC CO.

THE ORIGINAL™ INTEGRATED LED SERIES SPS-0448 REV C

SPECIFICATIONS

CERTIFICATIONS, LISTINGS & WARRANTY

MADE IN THE USA
Manufactured and Hand-Crafted in Our 60,000 Square Foot Facility
Located in Titusville, FL

CSA LISTED FOR WET LOCATIONS
Includes All Gooseneck, Stem and Flush Mounting Styles
Acrylic Diffuser is CSA Listed for Damp Locations for Gooseneck
and Stem Mounting Styles

CSA LISTED FOR DAMP LOCATIONS
Includes All Chain and Select Cord Hung Mounting Styles
Acrylic Diffuser is CSA Listed for Damp Locations for Chain and
Cord Hung Mounting Styles

LIMITED WARRANTY
For Additional Information on Our Limited Warranty, Please See
Our Terms & Conditions

OPERATING TEMPERATURE
-30°C to 40°C

CONSTRUCTION & FINISH

POWDER COAT SHADE
Hand-Spun from High Purity 3003-O Temper Aluminum

GALVANIZE SHADE
Hand Spun from High Quality Galvanized Steel

PORCELAIN SHADE
Hand-Spun from 20 Gauge Porcelain Steel

POWDER COAT FINISHES
Polyester Powder Coat Finishes Are Electro-Statically Applied and
Thermocured

PORCELAIN FINISHES
Applied by Hand and Fired in a High Temperature Oven

COPPER
Hand-Spun from High Purity C11000-O60 ETP Copper

BRASS
Hand-Spun from High Purity C2600-O60 Brass

STEM
1/2" Nominal (0.84" Actual) or 3/4" Nominal (1.05" Actual) Sch 40,
6063 Aluminum Mounting Stem. Custom Lengths Available upon
Request.

GOOSENECK
1/2" Nominal (0.84" Actual) or 3/4" Nominal (1.05" Actual) Sch 40,
6063 Aluminum Gooseneck

CORD
Cord-Hung Pendants Include 7' of Standard Cord or 5' of Cloth
Cord, +/- For Socket Orientation

CHAIN
4-Gauge Chain Complete with Quick Link for On-Site Adjustments
to Chain's Length

LED LIGHT SOURCE

LED TYPE: CREE LMH2 MODULE
INITIAL LUMENS DELIVERED: UP TO 4000 LUMENS
L90(6K) > 36,300 HOURS

AVAILABLE CCT: 2700K, 3000K, 3500K, 4000K
Custom Temperatures Available upon Request

90+ CRI

2 STEP MACADAMS ELLIPSE

EFFICACY: UP TO 93 LPW
High Efficacy Available upon Request, Consult Factory for
Additional Information

ELECTRICAL/LED DRIVER

DRIVER TYPE: ERP ESS/T & ESP/T

POWER FACTOR > 0.9

EFFICIENCY: UP TO 87% TYPICAL

INPUT VOLTAGE: 120-277 VAC (SEE DIMMING SECTION)

CLASS 2 POWER SUPPLY

LED DRIVER LIFETIME: > 100,000 HOURS (@ 25 DEG C AMBIENT)

IP64 MINIMUM RATING CASE WITH SILICONE-BASED POTTING

PROTECTIONS
Output Open Load, Over-Current and Short-Circuit (hiccup), and
Over-Temperature with Auto Recovery

CONDUCTED AND RADIATED EMI
Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac), Class A
(277 Vac) and EN55015 (CISPR 15) at 220, 230 and 240 Vac

COMPLIANT WITH
Complies with Energy Star® DLR (DesignLight Consortium®) and CA
Title 24 Technical Requirements

DIMMING

TRI-MODE DIMMING™
Compatible with TRIAC (forward-phase or leading-edge), ELV
(reverse-phase or trailing-edge) and 0-10 V Dimmers

DIMMING RANGE 1-100%
The Dimming Range Is Dependent on Each Specific Dimmer. May
Not Be Able to Achieve 1% Dimming with Some Dimmers.

TRIAC AND ELV DIMMING ONLY AT 120 VAC

ELV DIMMING AT 230 VAC
Available by Request

COMPATIBLE DIMMERS
Consult Factory for Additional Information on Dimming