

## Description

Evocative of a fixture you might see in front of a barber or candy shop, the Brooks takes your bath in a dapper direction. It could also ably smarten up your porch or kitchen.

This fixture was born of a practice common among historic lighting companies: recombining basic components to create something new and unexpected.

## Product Specifications

Socket	Incandescent
Switch	None
Maximum fixture wattage per socket	60W
UL Listing	UL Listed Damp
Canopy width	5.08"
Overall fixture width	5.94"
Overall fixture length	8.55"
Overall fixture depth	11"
Shade height	6"

**BROOKS**  
Classic Wall Sconce  
Item #A0421

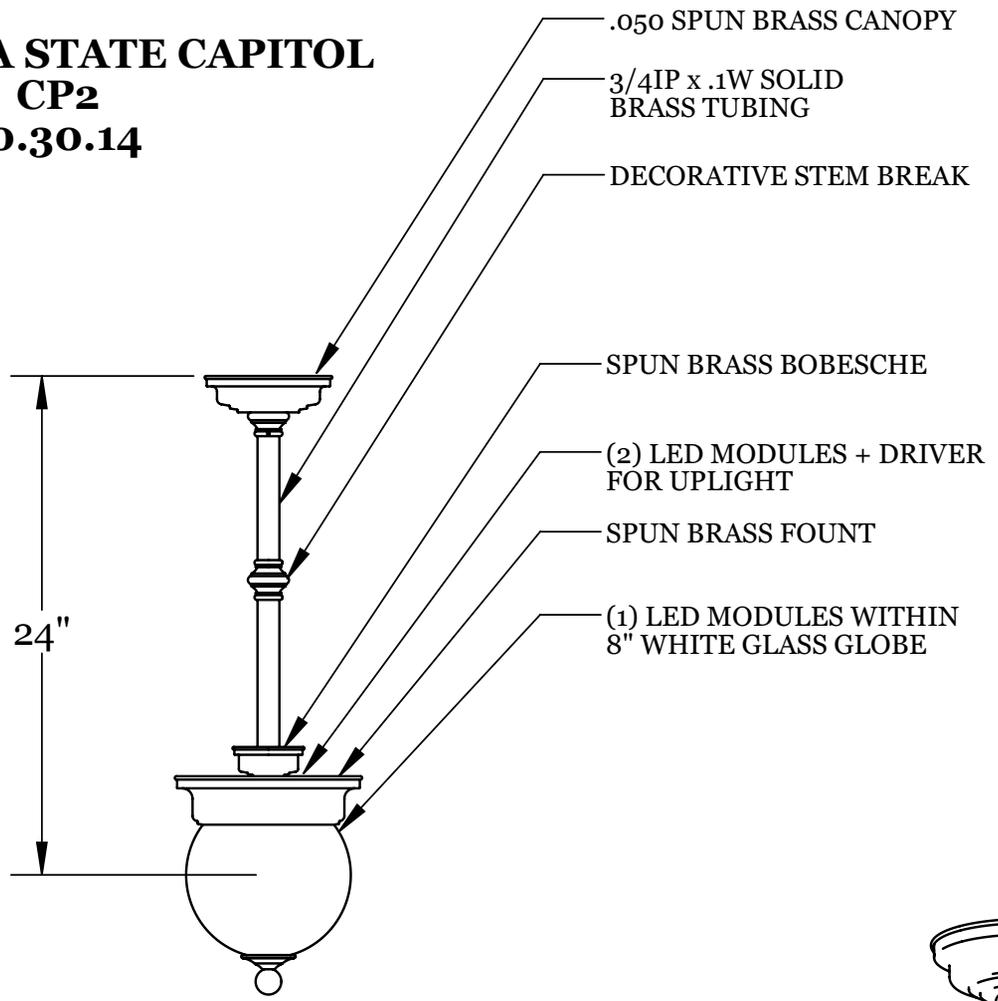


## Notes

- Compatible with 3-1/4" fitter shades
- Damp rated for covered outdoor use
- [Download installation instructions](#)

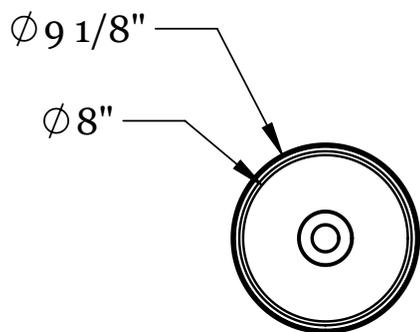
**LIGHT CP2**

**MINNESOTA STATE CAPITOL  
CP2  
10.30.14**

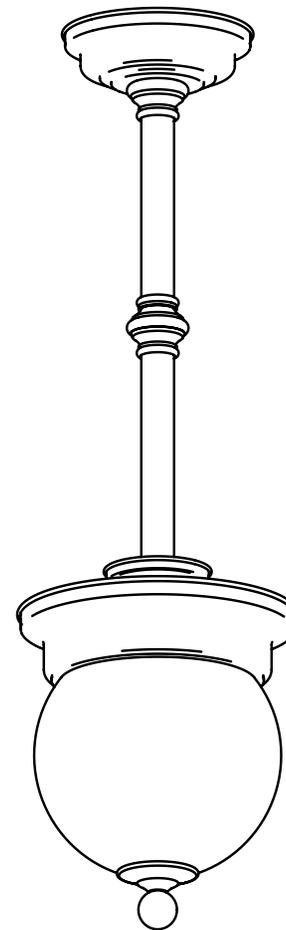


24"

FRONT ELEVATION  
SCALE 1:12



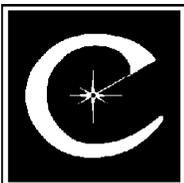
REFLECTED VIEW  
SCALE 1:12



PERSPECTIVE VIEW  
N.T.S.

**FIXTURES NOTES:**

- FINISH: SATIN BRASS
- LENS: WHITE OPAL GLASS GLOBE
- LAMPING: (3) LED MODULES
  - 1000+ LUMENS PER MODULE
  - 3000+ TOTAL LUMENS
  - 90 CRI
  - 2700K
  - 35W



**CRENSHAW LIGHTING**

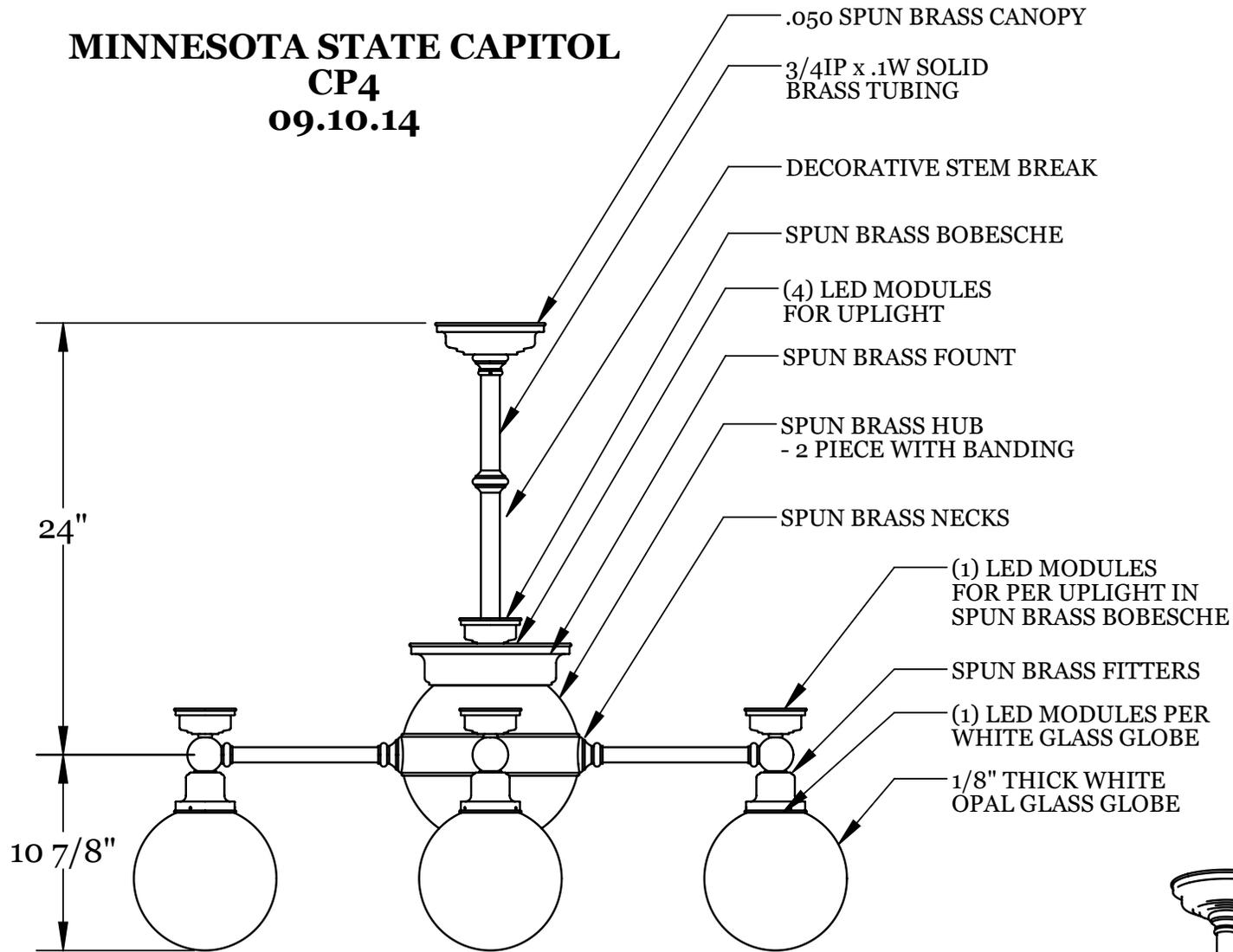
592 Paradise lane  
Floyd, VA 24091  
PH: (540) 745-3900  
Fax: (540) 745-3911

**Concept sketch only**

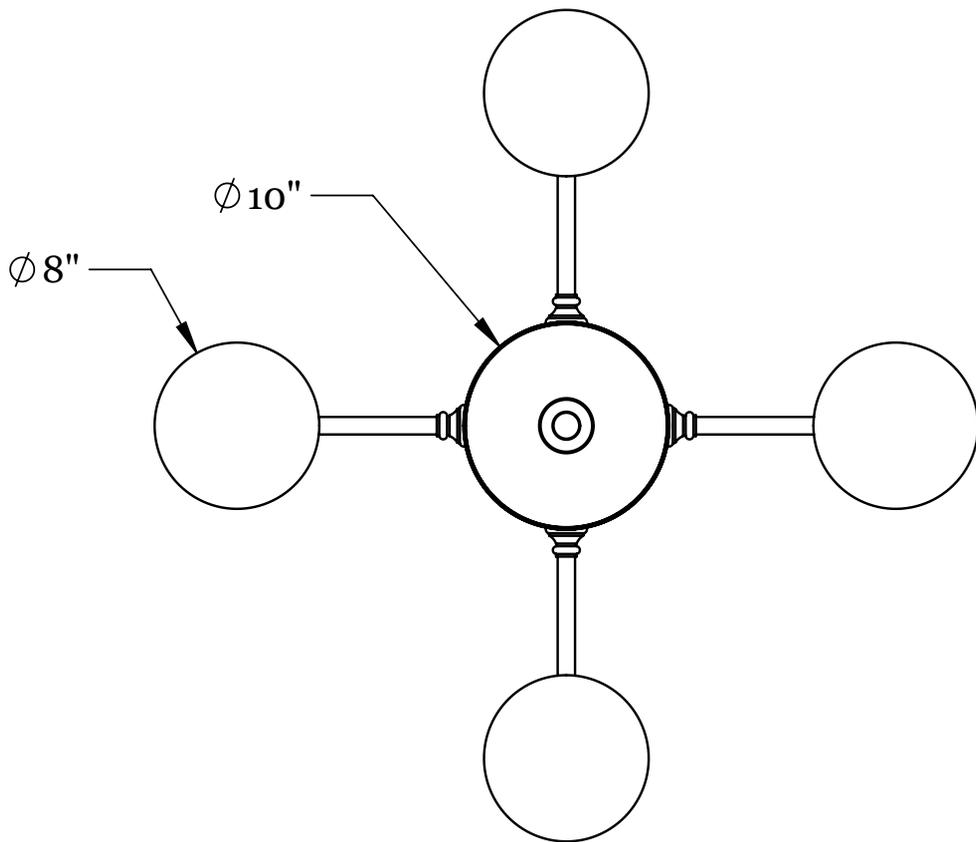
Not for CONSTRUCTION Purposes

**LIGHT CP4**

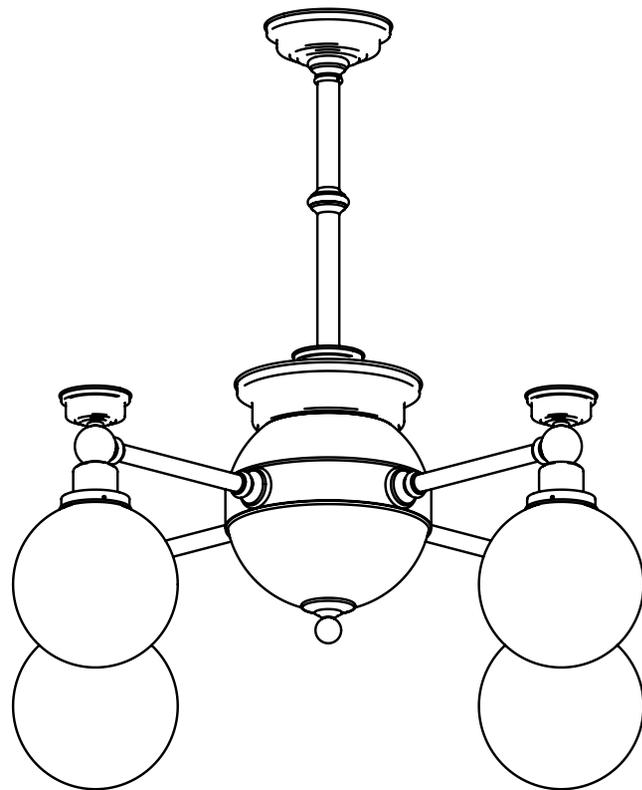
**MINNESOTA STATE CAPITOL  
CP4  
09.10.14**



FRONT ELEVATION  
SCALE 1:12

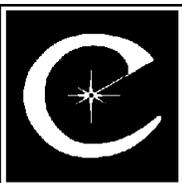


REFLECTED VIEW  
SCALE 1:12



PERSPECTIVE VIEW  
N.T.S.

- FIXTURES NOTES:**
- FINISH: SATIN BRASS
  - LENS: WHITE OPAL GLASS GLOBE
  - LAMPING: (12) LED MODULES
    - 1000+ LUMENS PER MODULE
    - 12000+ TOTAL LUMENS
    - 90 CRI
    - 2700K
    - 142W



**CRENSHAW LIGHTING**

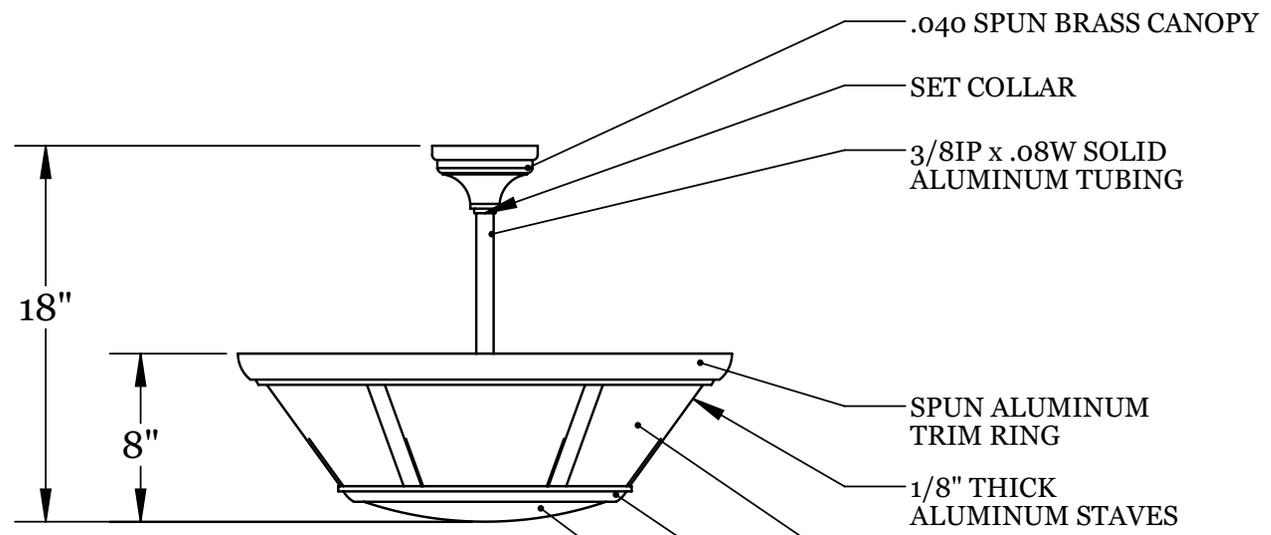
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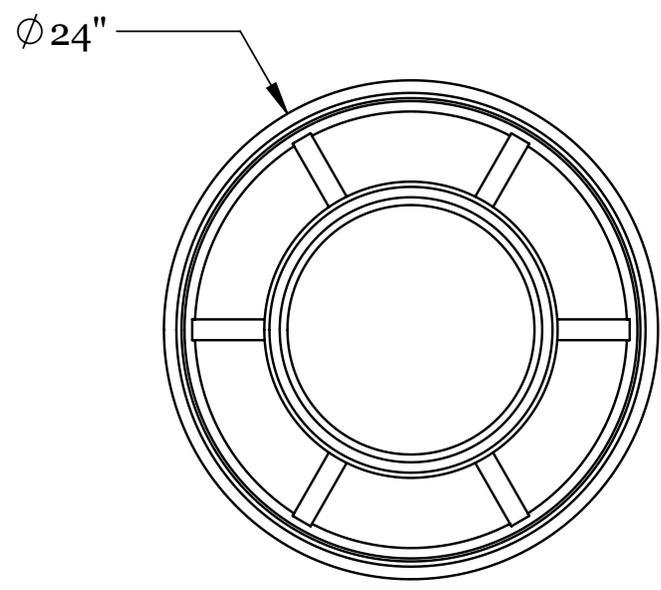
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# LIGHT CP5

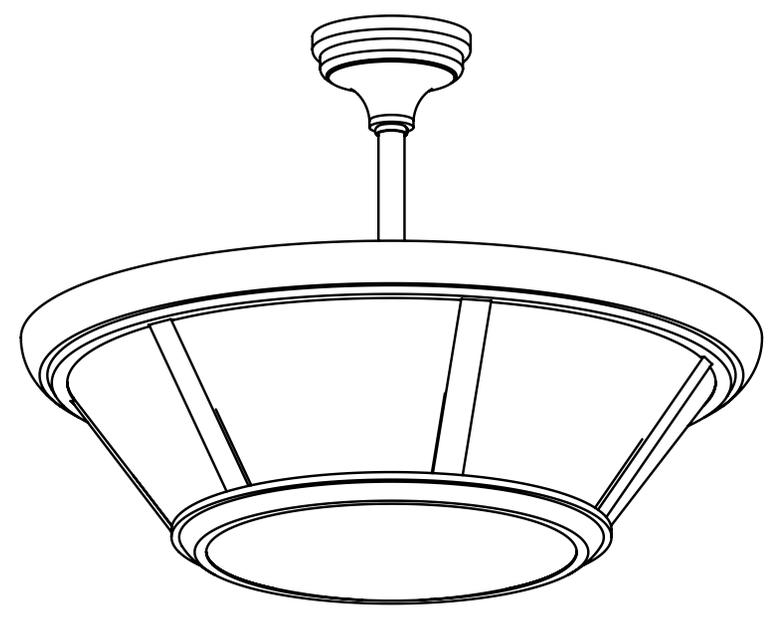
MINNESOTA STATE CAPITOL  
CP5  
09.23.14



FRONT ELEVATION  
SCALE 1:8

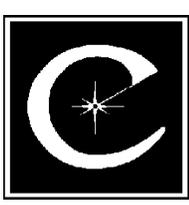


REFLECTED VIEW  
SCALE 1:8



PERSPECTIVE VIEW  
N.T.S.

- FIXTURE NOTES:**
- FINISH: PAINTED BLACK
  - LENS: WHITE ACRYLIC
  - UL/CSA DRY LOCATION
  - LAMPING: (6) LED MODULES
    - 900+ LUMENS PER MODULE
    - 5400+ TOTAL LUMENS
    - 85 CRI
    - 2700K
    - 64W
  - UPLIGHT LAMPING: (4) LED MODULES
    - 900+ LUMENS PER MODULE
    - 3600+ TOTAL LUMENS
    - 85 CRI
    - 2700K
    - 42W



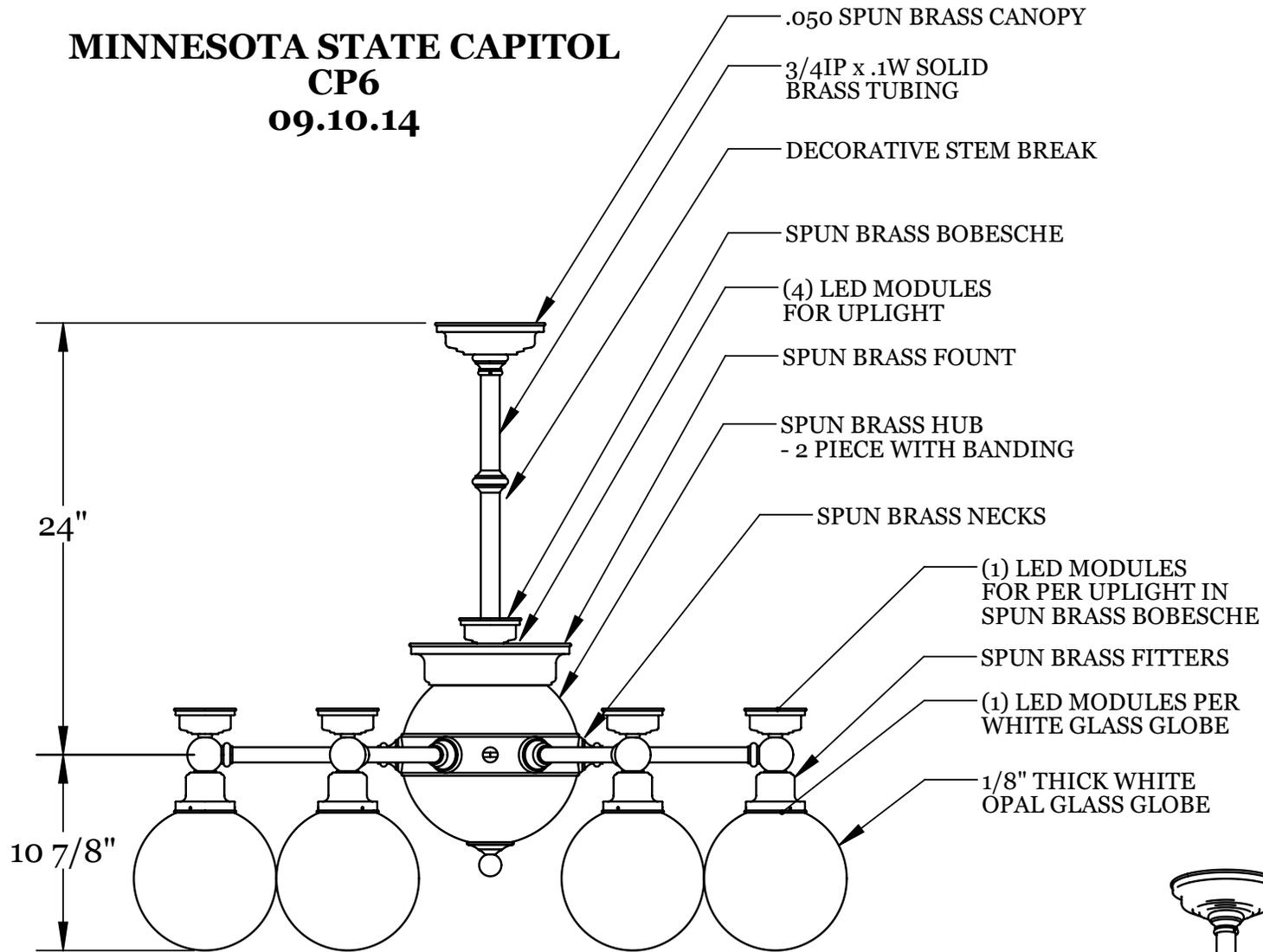
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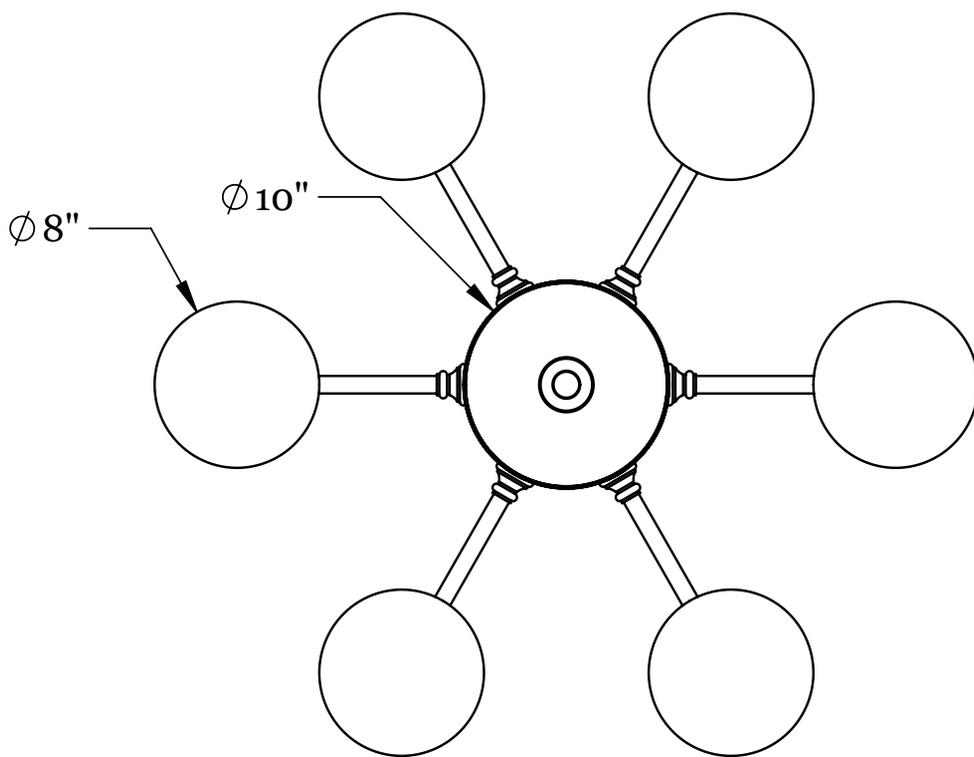
**Concept sketch only**  
Not for CONSTRUCTION Purposes

**LIGHT CP6**

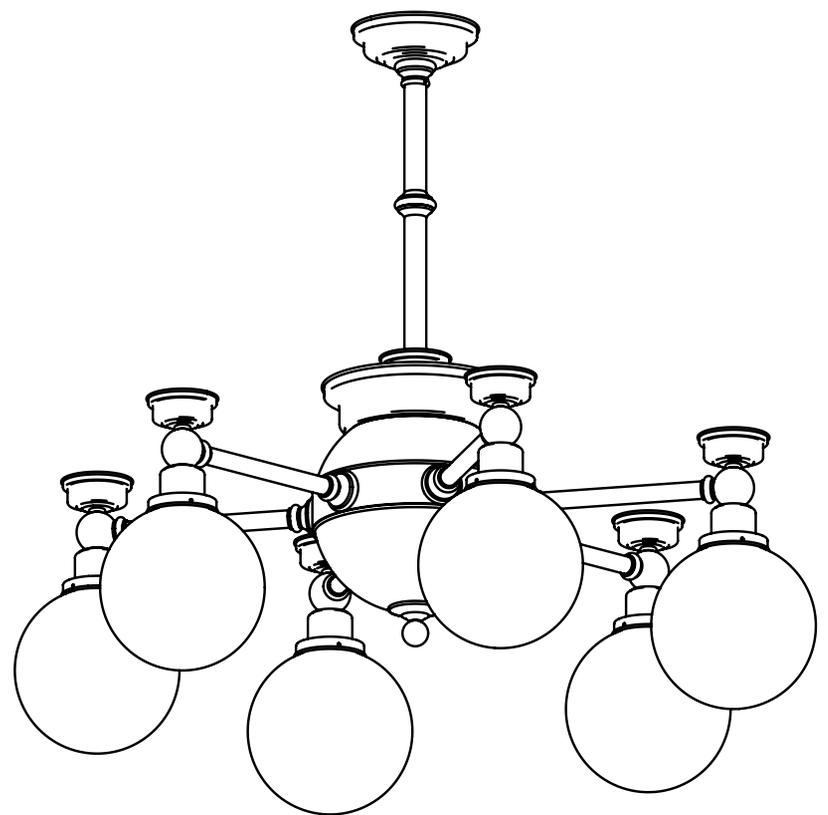
**MINNESOTA STATE CAPITOL  
CP6  
09.10.14**



FRONT ELEVATION  
SCALE 1:12

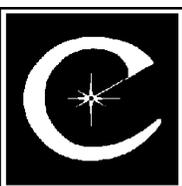


REFLECTED VIEW  
SCALE 1:12



PERSPECTIVE VIEW  
N.T.S.

- FIXTURES NOTES:**
- FINISH: SATIN BRASS
  - LENS: WHITE OPAL GLASS GLOBE
  - LAMPING: (16) LED MODULES
    - 1000+ LUMENS PER MODULE
    - 16000+ TOTAL LUMENS
    - 90 CRI
    - 2700K
    - 188W



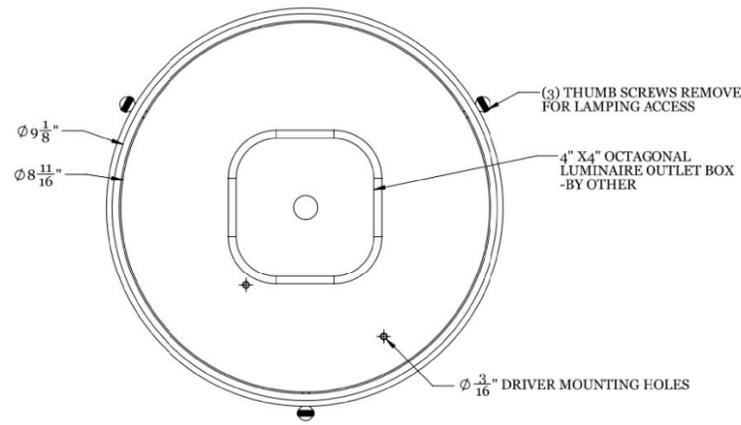
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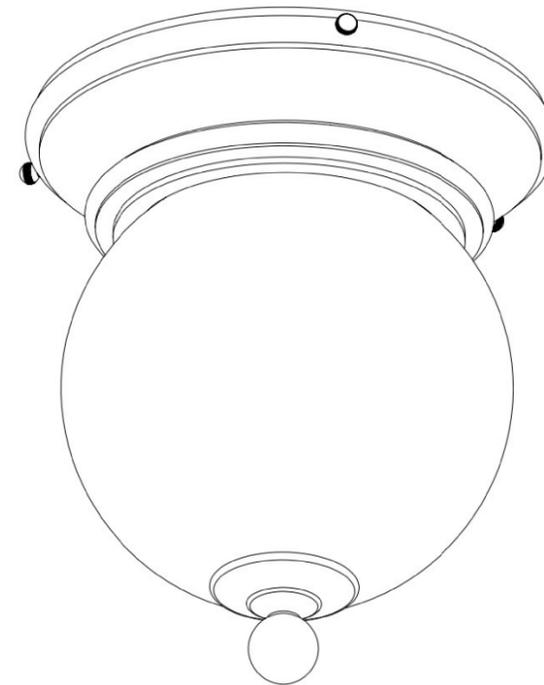
**Concept sketch only**

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# LIGHT CS1



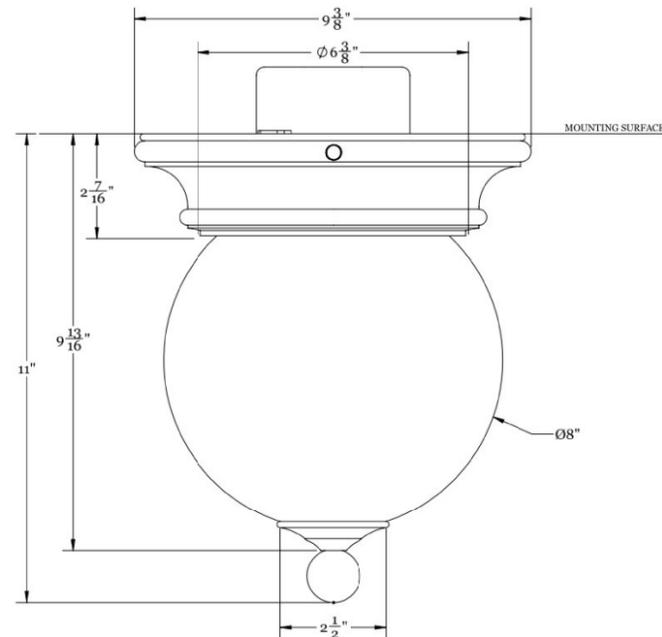
PLAN VIEW  
SCALE 1:2



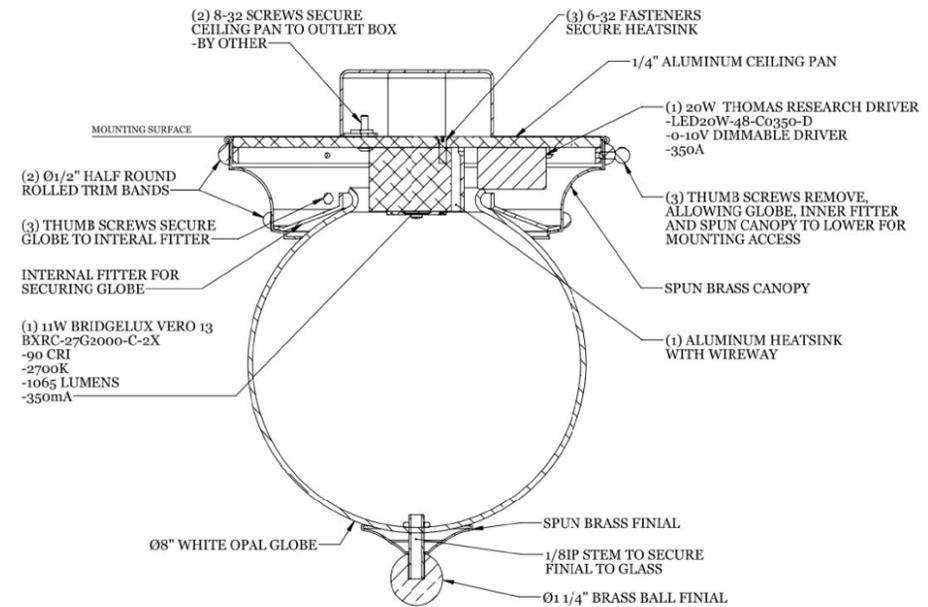
- FIXTURE NOTES:
- FINISH: TINTED BRASS
  - PER APPROVED SAMPLE
  - LENS: Ø8" WHITE OPAL GLASS GLOBE
  - LAMPING: (1) LED LAMP; 2700K
  - LAMPS TO BE COMPATIBLE WITH CRESTRON PHASE CONTROL DIMMING SYSTEM
  - MAX VOLTAGE: 277V
  - MAX WATTAGE: 20W
  - MAX AMPERAGE: .07A
  - CIRCUITS: 1
  - ESTIMATED WEIGHT: 9LBS
  - ALL MOUNTING ANCHORS BY OTHERS

- DRIVER INFORMATION:
- (1) 20W THOMAS RESEARCH DRIVER
  - LED20W-48-C0350-D
  - 0-10V DIMMABLE DRIVER
  - 350A

- LED INFORMATION:
- (1) 11W BRIDGELUX VERO 13
  - BXRC-27G2000-C-2X
  - 90 CRI
  - 2700K
  - 1065 LUMENS
  - 350mA



FRONT ELEVATION  
SCALE 1:2



FRONT SECTION VIEW  
SCALE 1:2

PROJECT: 5265 - MINNESOTA STATE CAPITOL: ZONES 2,3,4

DATE: 4/15/2015

REVISIONS: 1/18/2016

FIXTURE TYPE: CS1

DRAWN BY: T. LOUGHRAN

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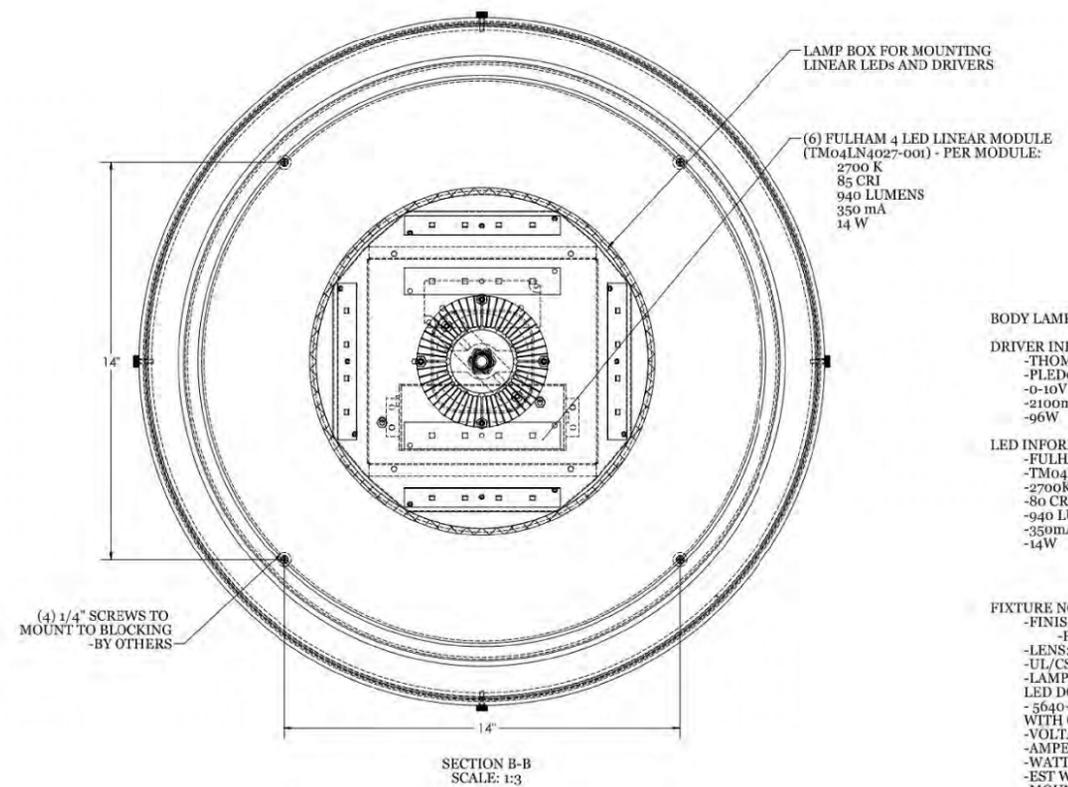
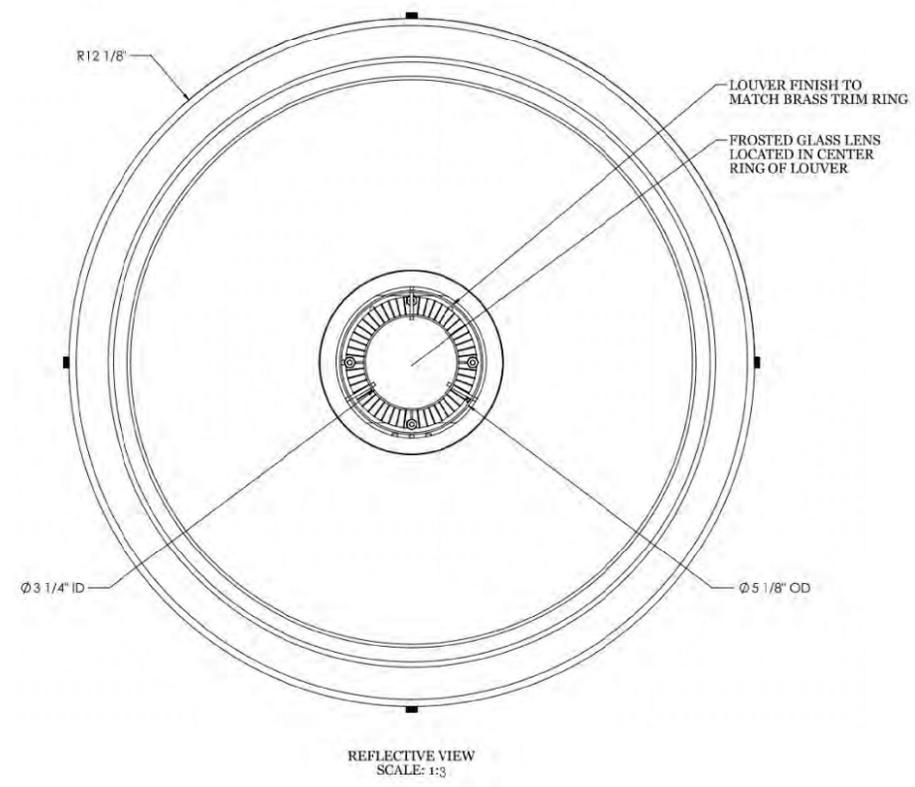
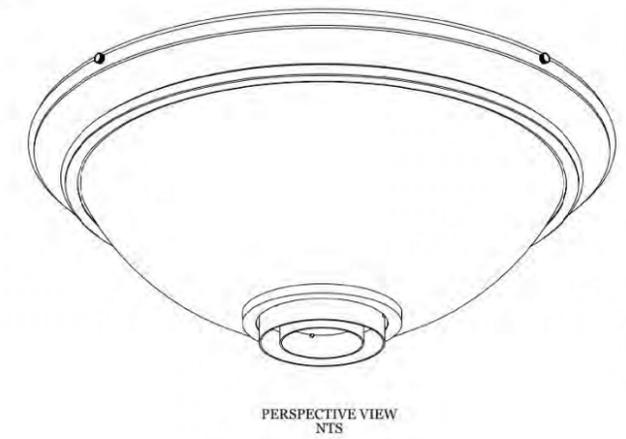
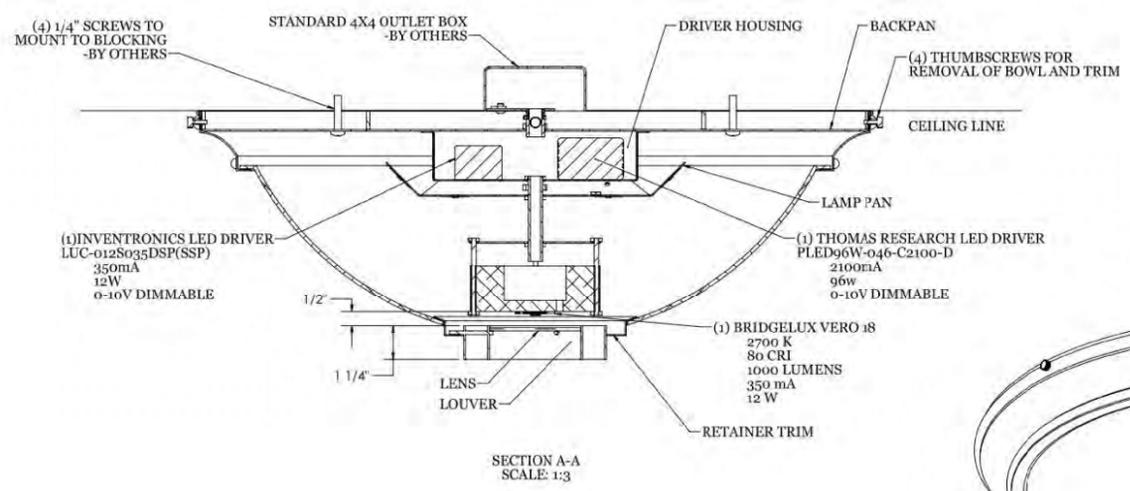
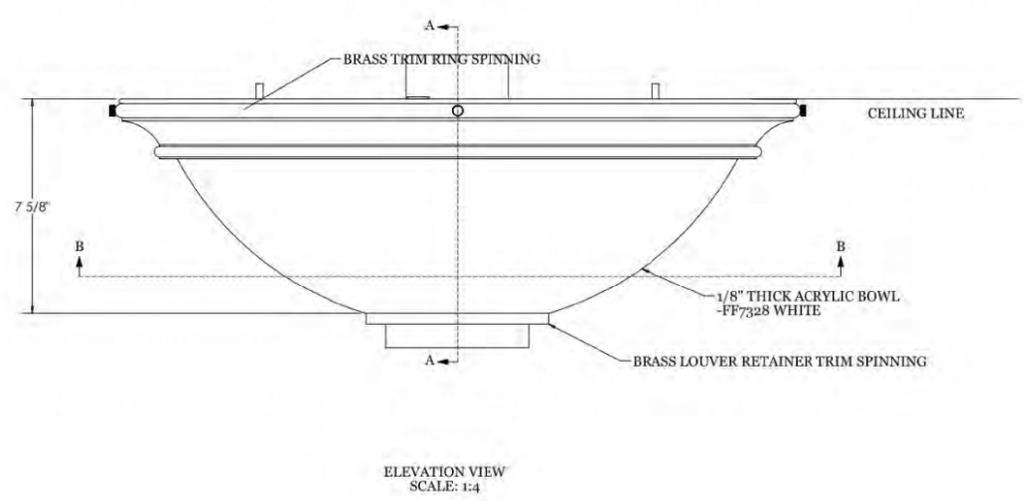
FIXTURE TYPE

CS1

DRAWING NOTE: ORIGINAL DRAWING CREATED ON A 24" x 36" TEMPLATE. IF DRAWING IS NOT REPRODUCED ON THIS SIZE PAPER, SCALES WILL NOT BE ACCURATE

DESIGNS ARE THE SOLE PROPERTY OF CRENSHAW LIGHTING AND MAY NOT BE CONVEYED TO THIRD PARTIES WITHOUT EXPRESS WRITTEN CONSENT.

# LIGHT CS2



<b>BODY LAMPING:</b>	<b>DOWNLIGHT:</b>
<b>DRIVER INFORMATION:</b>	<b>DRIVER INFORMATION:</b>
- THOMAS RESEARCH	- INVENTRONICS
- PLED96W-046-C2100-D	- LUC-012S035DSP
- 0-10V DIMMING	- 0-10V DIMMING
- 2100mA	- 350mA
- 96W	- 12W
<b>LED INFORMATION:</b>	<b>LED INFORMATION:</b>
- FULHAM	- BRIDGELUX
- TM04LN4027-001	- BXRC-27E4000-F-2X
- 2700K	- 2700K
- 80 CRI	- 80 CRI
- 940 LUMENS	- 1000 LUMENS
- 350mA	- 350mA
- 14W	- 12W

**FIXTURE NOTES:**

- FINISH: TINTED BRASS
- PER SPECIFICATION
- LENS: WHITE ACRYLIC
- UL/CSA DRY LOCATION
- LAMPING: (6) LINEAR LED MODULES AND (1) COB LED DOWNLIGHT
- 5640+ LUMENS TOTAL; LAMPS TO BE COMPATIBLE WITH CRESTRON PHASE CONTROL DIMMABLE SYSTEM
- VOLTAGE: 277V
- AMPERAGE: 0.34A
- WATTAGE: 96W
- EST WEIGHT: 10LBS
- MOUNTING ANCHORS BY OTHERS
- LAMPING SUBJECT TO HEAT TEST

<b>FIXTURE TYPE</b>
CS2

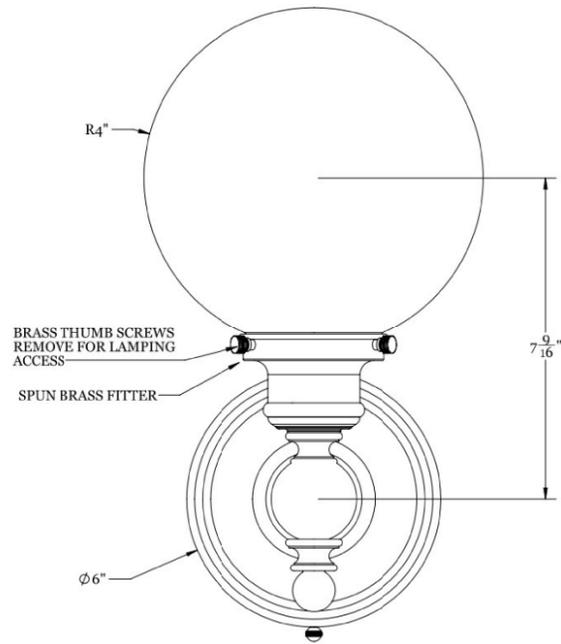
DRAWING NOTE: ORIGINAL DRAWING CREATED ON A 24" x 36" TEMPLATE. IF DRAWING IS NOT REPRODUCED ON THIS SIZE PAPER, SCALES WILL NOT BE ACCURATE

PROJECT: 5265 - MINNESOTA STATE CAPITOL: ZONES 2, 3, 4  
 DATE: 4/7/15  
 REVISIONS: 7/8/2015 TL, 1/15/2016 TL  
 FIXTURE TYPE: CS2  
 DRAWN BY: DE VRIES

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# LIGHT CW1

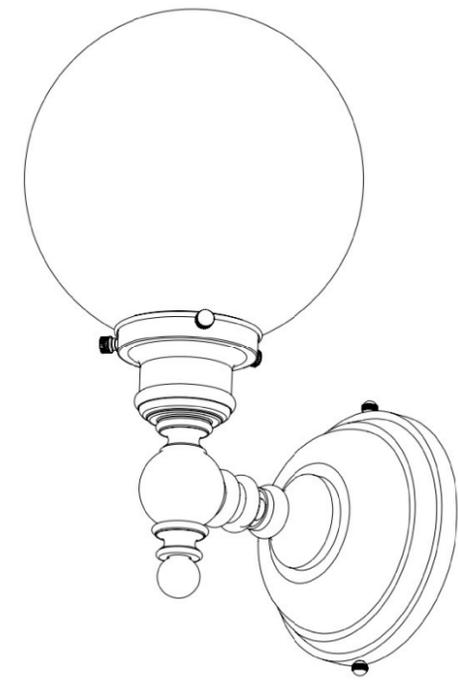


FRONT ELEVATION  
SCALE 1:2

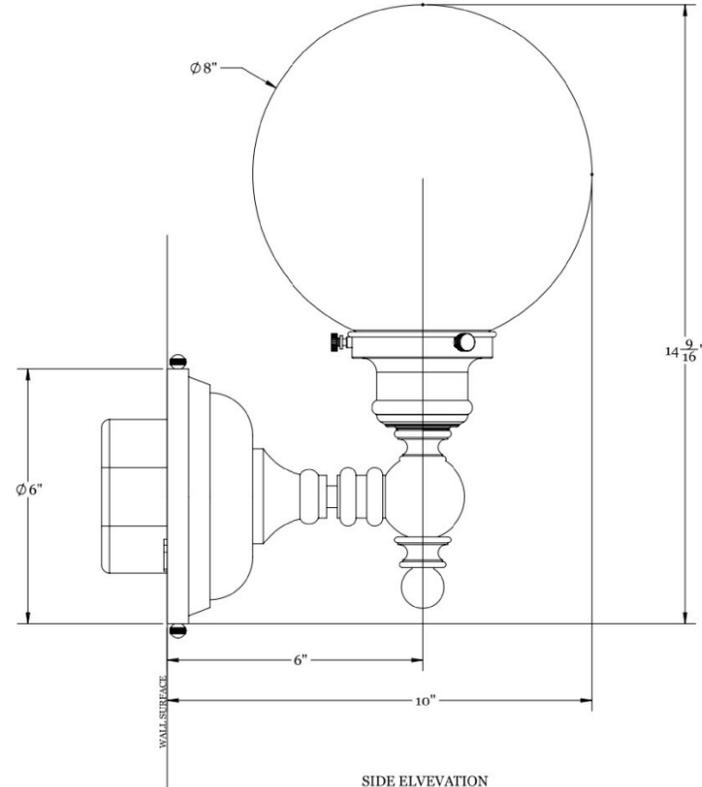
**FIXTURE NOTES:**  
 -FINISH: TINTED BRASS  
 -PER SPECIFICATION  
 -LENS: WHITE OPAL GLASS GLOBE  
 -LAMPING: (1) 11W LED; 2700K  
 -VOLTAGE: 277V  
 -MAX WATTAGE: 20W  
 -MAX AMPERAGE: .07A  
 -CIRCUITS: 1  
 -ESTIMATED WEIGHT: 7.5LBS  
 -ALL MOUNTING ANCHORS BY OTHER  
 -LAMPS TO BE COMPATIBLE WITH CRESTRON PHASE CONTROL DIMMING SYSTEM

**DIVER INFORMATION:**  
 -(1) 20W THOMAS RESEARCH DRIVER  
 -LED20W-48-C0350-D  
 -0-10V DIMMABLE  
 -350mA

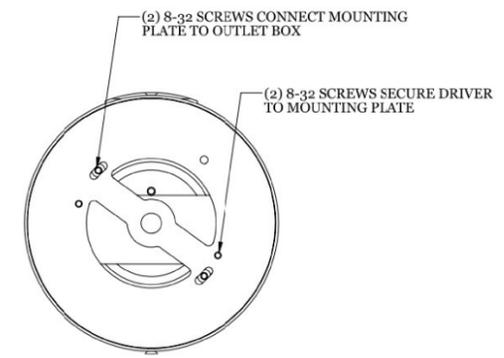
**LED INFORMATION:**  
 -(1) 11W BRIDGELUX VERO 13  
 -BXRC-27G2000-C-2X  
 -90 CRT  
 -2700K  
 -1065 LUMENS  
 -350mA



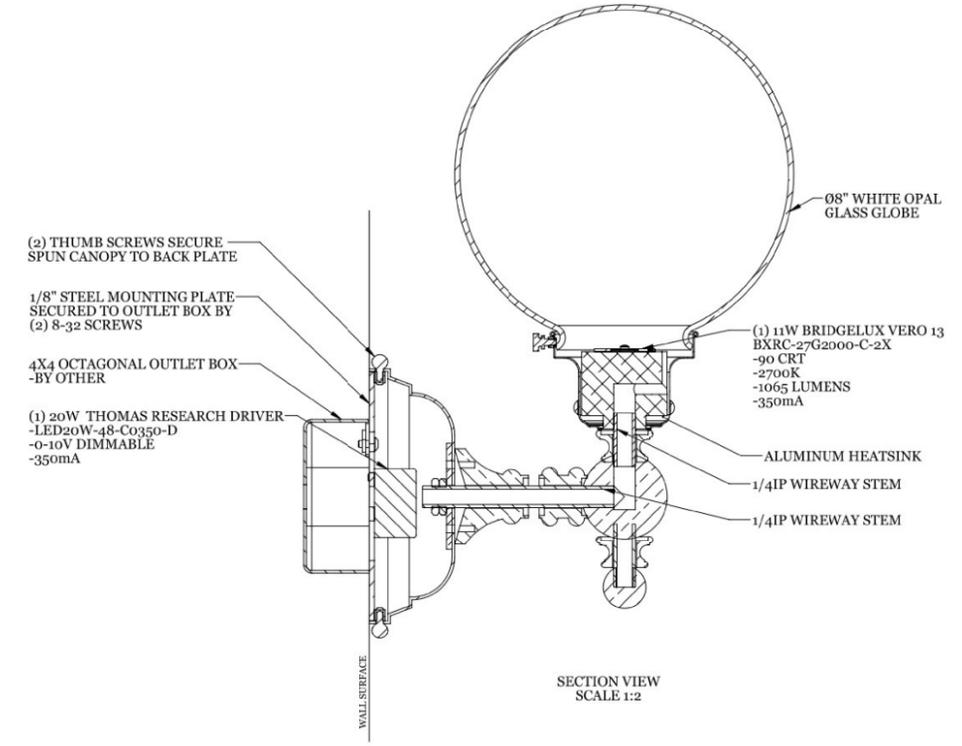
PERSPECTIVE VIEW  
SCALE 1:2



SIDE ELEVATION  
SCALE 1:2



MOUNTING DETAIL  
SCALE 1:2



SECTION VIEW  
SCALE 1:2

PROJECT: 5265 - MINNESOTA STATE CAPITOL: ZONES 2,3,4  
 DATE: 4/15/2015  
 REVISIONS: B. WOOD 1/11/2016  
 FIXTURE TYPE: CW1  
 DRAWN BY: T. LOUGHRAN

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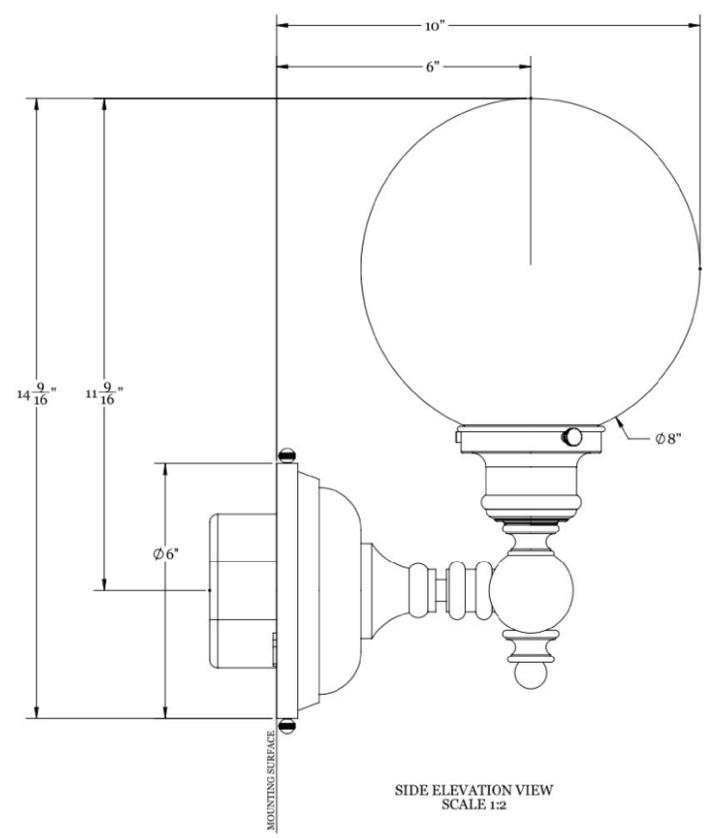
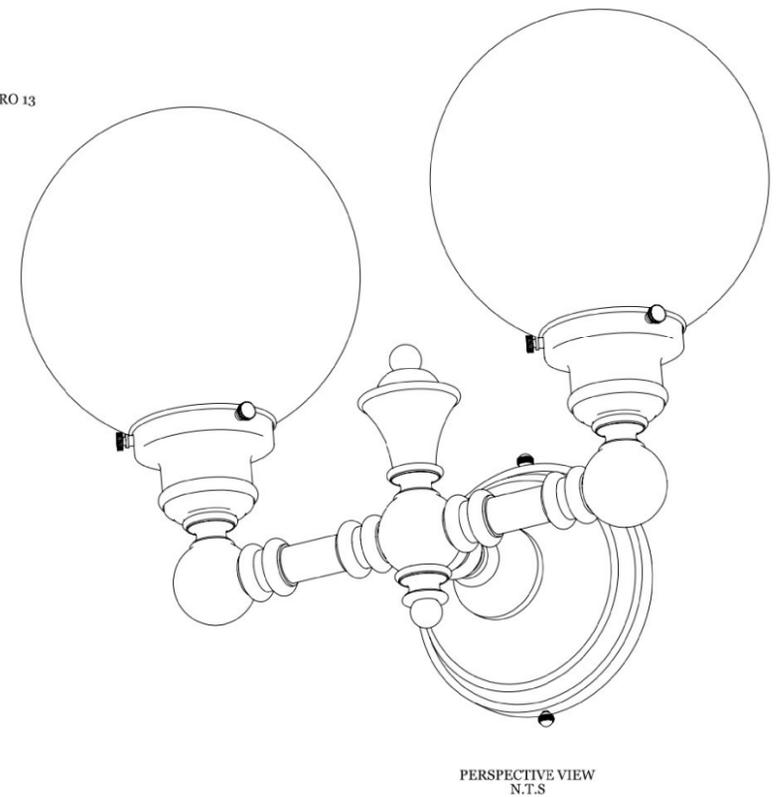
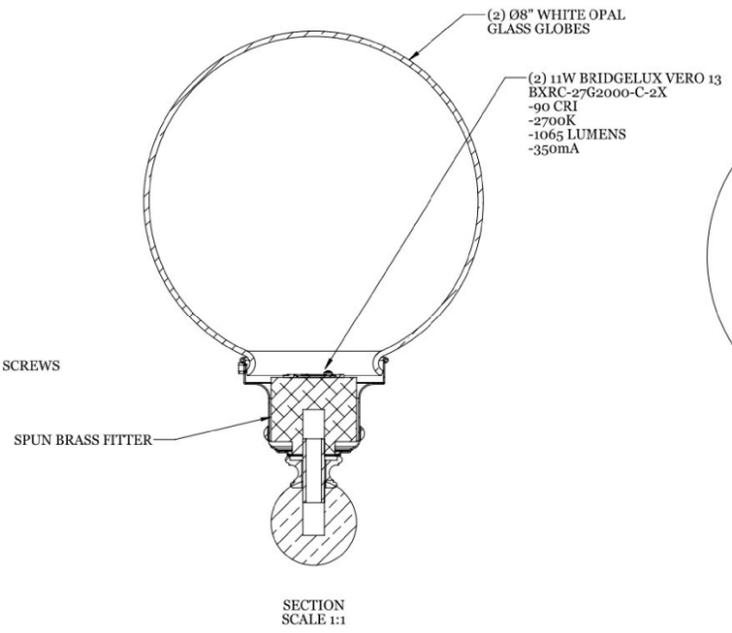
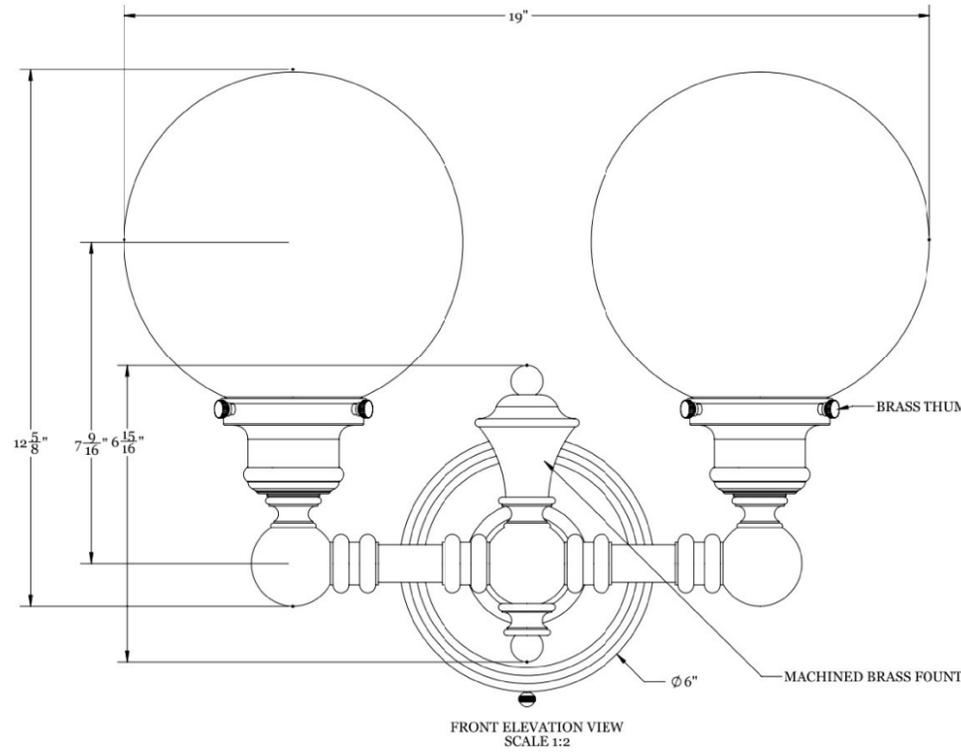
FIXTURE TYPE
CW1

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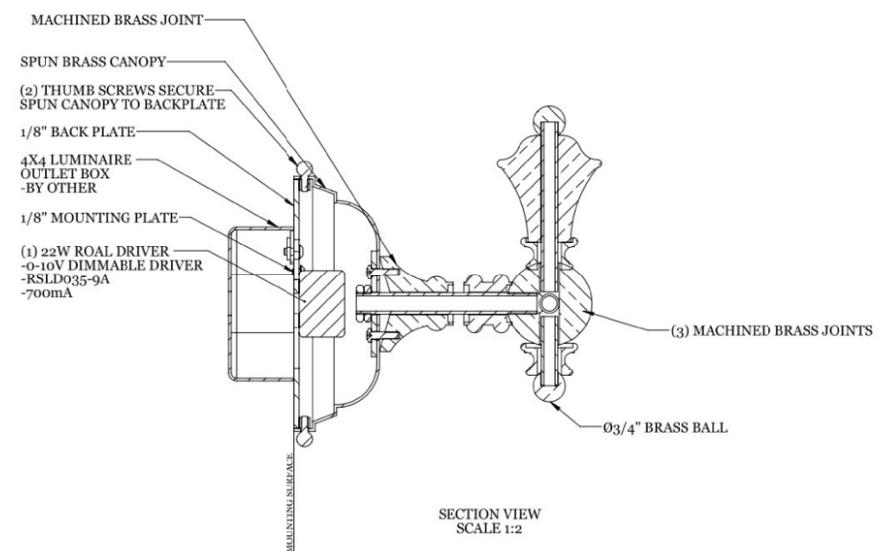
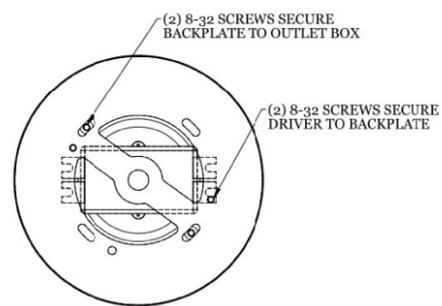
# LIGHT CW2



**FIXTURE NOTES:**  
 -FINISH: TINTED BRASS  
 -PER SPECIFICATION  
 -LENS: WHITE OPAL GLASS GLOBE  
 -LAMPING: (2) 11W LEDs; 2700K  
 -VOLTAGE: 277V  
 -MAX WATTAGE: 22W  
 -MAX AMPERAGE: .08A  
 -CIRCUITS: 1  
 -ESTIMATED WEIGHT: 14.5LBS  
 -ALL MOUNTING ANCHORS BY OTHER  
 -LAMPS TO BE COMPATIBLE WITH CRESTRON PHASE CONTROL DIMMING SYSTEM

**DIVER INFORMATION:**  
 -(1) 22W ROAL DRIVER  
 -RSLD035-9A  
 -0-10V DIMMABLE DRIVER  
 -700mA

**LED INFORMATION:**  
 -(2) 11W BRIDGELUX VERO 13  
 -BXRC-27G2000-C-2X  
 -90 CRT  
 -2700K  
 -1065 LUMENS  
 -350mA



PROJECT: 5265 - MINNESOTA STATE CAPITOL: ZONES 2,3,4  
 FIXTURE TYPE: CW2  
 DATE: 4/15/2015  
 REVISIONS: B. WOOD 1/15/2016  
 DRAWN BY: T. LOUGHRAN

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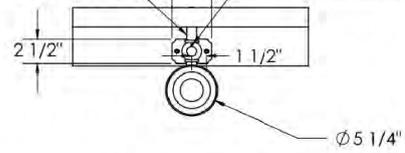
<b>FIXTURE TYPE</b>
CW2

DRAWING NOTE: ORIGINAL DRAWING CREATED ON A 24" x 36" TEMPLATE. IF DRAWING IS NOT REPRODUCED ON THIS SIZE PAPER, SCALES WILL NOT BE ACCURATE

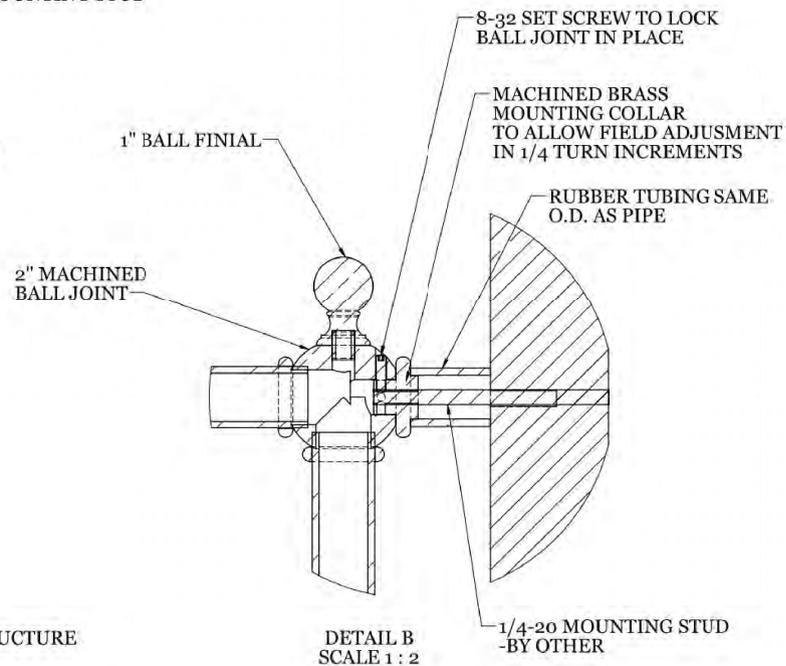
# LIGHT CW3

BLACK RUBBER TUBING TO CONCEAL 1/4-20 MOUNTING STUD

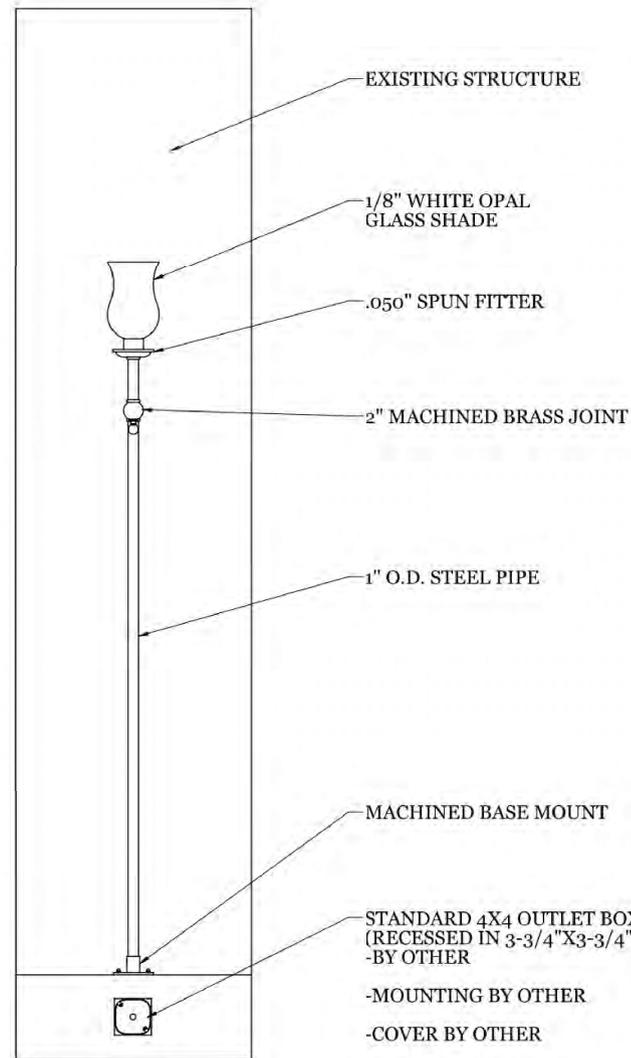
8-32 SET SCREW TO LOCK FIXTURE TO 1/4-20 MOUNTING STUD



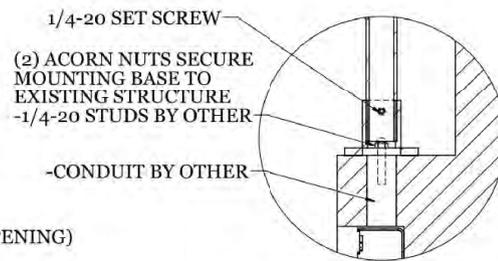
PLAN VIEW  
SCALE 1:12



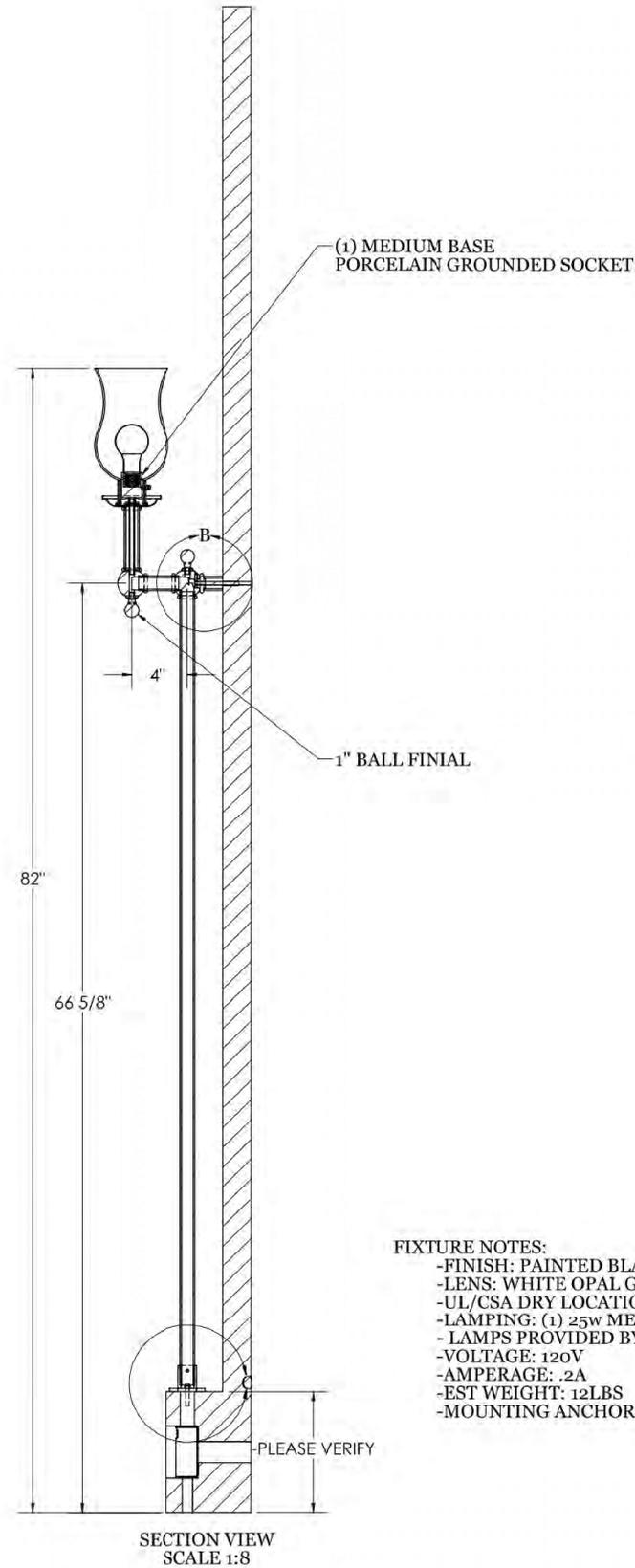
DETAIL B  
SCALE 1 : 2



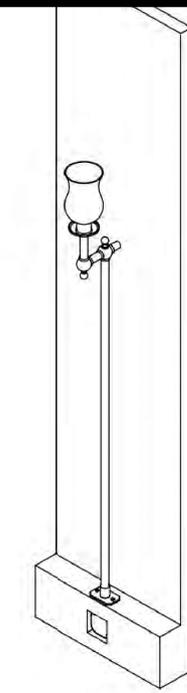
ELEVATION VIEW  
SCALE 1:12



DETAIL C  
SCALE 1 : 4



SECTION VIEW  
SCALE 1:8



PERSPECTIVE VIEW  
N.T.S.

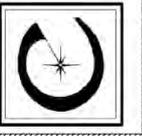
- FIXTURE NOTES:**
- FINISH: PAINTED BLACK IRON
  - LENS: WHITE OPAL GLASS
  - UL/CSA DRY LOCATION
  - LAMPING: (1) 25W MEDIUM BASE LAMP;
  - LAMPS PROVIDED BY CRENSHAW
  - VOLTAGE: 120V
  - AMPERAGE: .2A
  - EST WEIGHT: 12LBS
  - MOUNTING ANCHORS BY OTHERS

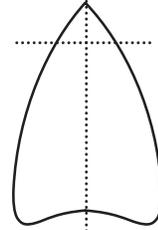
<b>FIXTURE TYPE</b>
CW3

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PROJECT : 5265 - MINNESOTA STATE CAPITOL: ZONES 2, 3, 4  
 FIXTURE TYPE : CW3  
 DATE : 4/17/15  
 DRAWN BY : DE VRIES  
 REVISIONS : 1/14/16 B.W.

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Gotham Architectural Downlighting  
LED Downlights

**6" Evo®**  
**Open Reflector**

Solid-State Lighting



FEATURES

**OPTICAL SYSTEM**

- Self-flanged semi-specular, matte-diffuse or specular lower reflector
- Patented Bounding Ray™ optical design (U.S. Patent No. 5,800,050)
- 45° cutoff to source and source image
- Top-down flash characteristic

**MECHANICAL SYSTEM**

- 16-gauge galvanized steel construction; maximum 1-1/2" ceiling thickness
- Telescopic mounting bars maximum of 32" and minimum of 15", preinstalled, 4" vertical adjustment
- Toolless adjustments post installation
- Junction box capacity: 8 (4 in, 4 out ) 12AWG rated for 90°C
- Light engine and driver accessible through aperture

**ELECTRICAL SYSTEM**

- Fully serviceable and upgradeable lensed LED light engine
- 70% lumen maintenance at 60,000 hours based on IESNA LM-79-2008
- 120-277VAC, 50/60hz power supply with 0-10V dimming (10-100%); rated for 50,000-hour life
- Overload and short circuit protected
- LEDs tested under LM80

**LISTINGS**

- Fixtures are CSA certified to meet US and Canadian standards; wet location, covered ceiling

**WARRANTY**

- 5-year limited warranty. Complete warranty terms located at: [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

ORDERING INFORMATION

**EXAMPLE: EVO 35/10 6AR 120**

Series	Color temperature	Nominal lumen values	Aperture/Trim color	Distribution	Finish	Voltage
<b>EVO</b>	<b>27/</b> 2700 K	<b>10</b> 1000 lumens	<b>6AR</b> Clear	(blank) 1.0 s/mh	(blank) Semi-specular	<b>MVOLT</b> <b>120</b> <b>277</b> <b>347</b>
	<b>30/</b> 3000 K	<b>14</b> 1400 lumens	<b>6PR</b> Pewter	<b>VND</b> Very narrow (0.5 s/mh)	<b>LD</b> Matte diffuse	
	<b>35/</b> 3500 K	<b>18</b> 1800 lumens	<b>6WTR</b> Wheat	<b>ND</b> Narrow (0.6 s/mh)	<b>LS</b> Specular	
	<b>41/</b> 4100 K	<b>22</b> 2200 lumens	<b>6GR</b> Gold <b>6WR<sup>1</sup></b> White	<b>MD</b> Medium (0.8 s/mh) <b>WD</b> Wide (1.2 s/mh)		

Driver	Options
(blank) <sup>2</sup> 0-10V dimming driver. Minimum dimming level 10%	<b>SF</b> Single fuse
<b>ECOS2<sup>3,4</sup></b> Lutron® Hi-Lume® 2-wire forward-phase dimming driver. Minimum dimming level 1%	<b>RRL</b> RELOC®-ready luminaire. Provides compatibility with Lithonia RELOC system. Access above ceiling required.
<b>ECOS3<sup>2,3</sup></b> Lutron® Hi-Lume® 3-wire or EcoSystem® dimming driver. Minimum dimming level 1%	<b>NEPP</b> Interface for Sensor Switch® nLight® network with integral power supply. Refer to <a href="#">TN-623-01</a> .
	<b>NSD<sup>5</sup></b> Sensor Switch® nLight® dimming relay
	<b>TRW<sup>6</sup></b> White painted flange
	<b>TRBL</b> Black painted flange
	<b>EL<sup>7,8</sup></b> Emergency battery pack with integral test switch
	<b>ELR<sup>7,8</sup></b> Emergency battery pack with remote test switch
	<b>CP<sup>9</sup></b> Chicago plenum
	<b>BGTD</b> Bodine generator transfer device

ACCESSORIES order as separate catalog numbers (shipped separately)

<b>SCA6</b>	Sloped ceiling adapter. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D). Ex: SCA6 10D. Refer to <a href="#">TECH-190</a> .
<b>CTA4-8 YK</b>	Ceiling thickness adapter (extends mounting frame to accommodate ceiling thickness up to 2").
<b>GVRT</b>	Vandal-resistant trim accessory. Refer to <a href="#">TECH-200</a> .
<b>ISD BC</b>	0-10V wallbox dimmer. Refer to <a href="#">ISD-BC</a> .

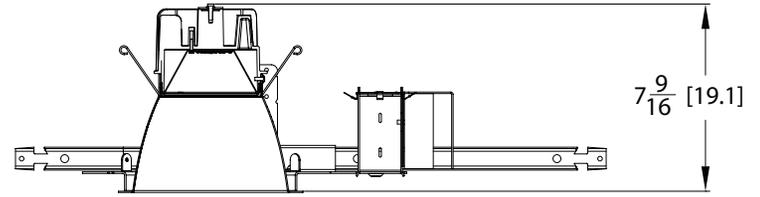
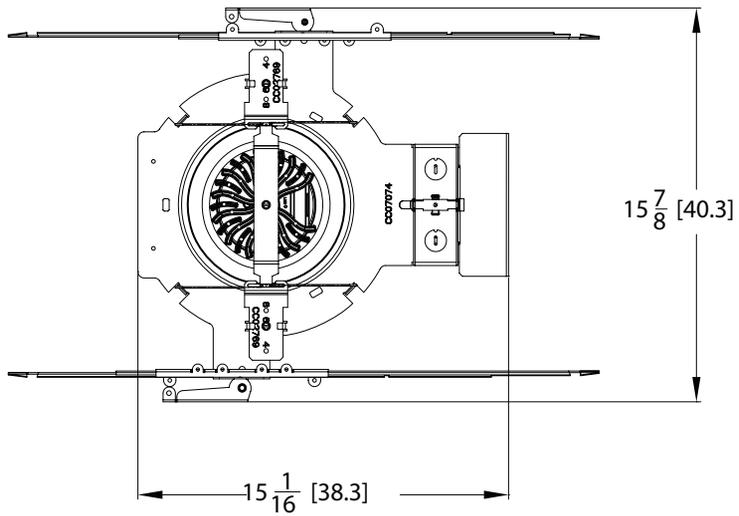
NOTES

**ORDERING NOTES**

- |  |   |
|--|---|
| 1. Not available with finishes.  | 6. Not available with white reflector.  |
| 2. Refer to <a href="#">TECH-240</a> for compatible dimmers.   | 7. For dimensional changes, refer to <a href="#">TECH-140</a> . Not available with CP option. |
| 3. Not available with NEPP option.   | 8. Must specify 120 or 277V.  |
| 4. 120V only.  | 9. Not available with EL or ELR options.  |
| 5. One 5A relay with one 0-10 VDC dimming output, shipped installed. Refer to <a href="#">nSP5-D</a> . |   |

All dimensions are inches (centimeters) unless otherwise noted.

DIMENSIONAL DATA



Aperture: 6-1/4 (15.9)  
 Ceiling Opening: 7-1/8 (18.1)  
 Overlap Trim: 7-1/2 (19.1)

ELECTRICAL

**WATTAGE CONSUMPTION MATRIX**

LUMENS	WATTAGE	LUMENS per WATT
2200	32	67
1800	28	66
1400	25	63
1000	18	61

# BeveLED<sup>mini</sup> LIGHT DL3

WARM GLOW<sup>®</sup> DIMMING



Covered By US Patent 8,456,109 and 8,581,520

## PROJECT INFORMATION

PROJECT \_\_\_\_\_  
 \_\_\_\_\_  
 DATE \_\_\_\_\_  
 TYPE \_\_\_\_\_

## DOWNLIGHT 2023



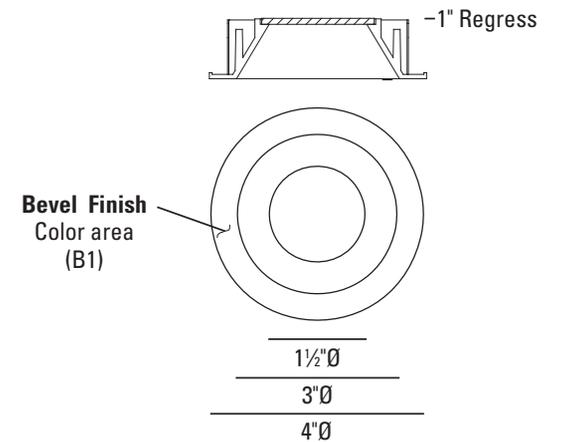
1" REGRESS

**BeveLED mini Warm Glow Dimming Recessed Downlight** - Gradually transitions from 2700K or 3000K down to 2200K, creating intimacy while enhancing the mood and feeling of space.

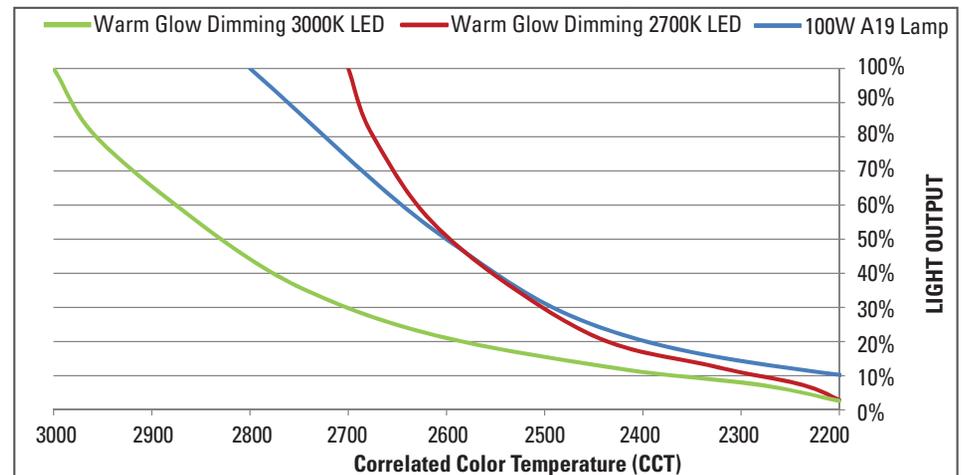
## DELIVERED PERFORMANCE

BeveLEDmini DOWNLIGHT	12 Watts	18 Watts
Color Rendering Index	80+ CRI	80+ CRI
Lumens per Watt	52	47
Source Lumens	900	1200
<b>Delivered Lumens</b>	<b>650</b>	<b>825</b>
Color Consistency	2-Step MacAdam Ellipse	

Performance based on 2700K



## BeveLEDmini Warm Glow Dimming Curve vs. Actual Incandescent Dimming Curve



## HOW TO SPECIFY

**Ordering Example:** Specify trim code and housing code to order: Example : **2023W - B1 - 10 - LRTD3 - 9012 - WGD1 - 2722KS - 25 - NC - 277V - CB27**

TRIM	OPTION	BEVEL STYLE	LENS <sup>3</sup>	FLANGE FINISH
2023	_____	B1	_____	_____
2023 Round Downlight 1" Regress	<b>W</b> Wet location <sup>1</sup> <b>EML</b> Emergency <sup>2</sup> <b>EMLW</b> Emergency and wet location <sup>1,2</sup>	<b>B1</b> 1" Regress Bevel, Die Cast	<b>F</b> Frosted	<b>10</b> White <b>13</b> Statuary Bronze <b>21</b> Black <b>28</b> Metalized Grey <b>RAL</b> Custom Color (specify RAL #)
	<sup>1</sup> Wet location, use with B1 trims only. <sup>2</sup> Use with NC housing only.		<sup>3</sup> Solite lens is provided standard	

## HOUSING ORDERING INFORMATION

HOUSING CODE	WATTAGE	ENGINE CODE	COLOR	REFLECTOR	HOUSING TYPE	VOLTAGE	OPTIONAL DIMMING DRIVER*	ACCESSORIES
LRTD3	_____	WGD1	_____	_____	_____	_____	_____	_____
<b>LRTD3</b>	<b>9012</b> 12W LED, 650 lumens <b>9018</b> 18W LED, 825 lumens	<b>WGD1</b>	<b>2722KS</b> 2700K-2200K, 80+ CRI <b>3022KS</b> 3000K-2200K, 80+ CRI	<b>25</b> 25° beam <b>35</b> 35° beam <b>50</b> 50° beam	<b>NC</b> New Construction <b>CP</b> Chicago Plenum <sup>4</sup> <b>IC</b> Insulation-Contact Rated / Airtight <sup>4</sup>	<b>120V</b> <b>277V</b>	<b>DIML3</b> Lutron Hi-Lume 1% 2-wire, 120V only <b>DIML4</b> Lutron Hi-Lume 1% 3-wire/ECO <b>DIML6A</b> ELDO 0-10V, 0.1%, logarithmic <b>DIML6B</b> ELDO 0-10V, 0.1%, linear <b>DIML7</b> ELDO DALI, 0.1%	<b>CB27</b> 27" C-Channel Bars <b>CB52</b> 52" C-Channel Bars <b>EML</b> Emergency battery <sup>5</sup> <b>EMLW</b> Emergency battery, wet location <sup>5</sup>
			2 Step MacAdam ellipse is standard for all		<sup>4</sup> Not available with EM		*0-10V 15% dimming driver DIML2 provided as standard	<sup>5</sup> EM requires above ceiling access. For use with NC housings only.



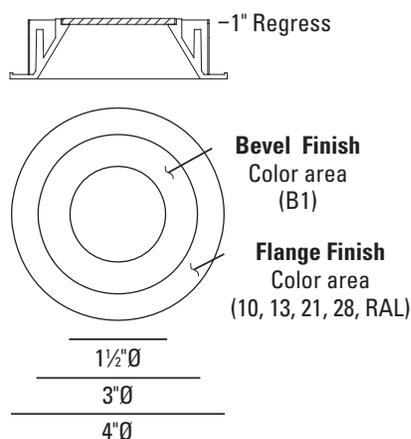
www.usalighting.com  
 info@usalighting.com

1126 River Road  
 New Windsor, NY 12553

T 845-565-8500  
 F 845-561-1130

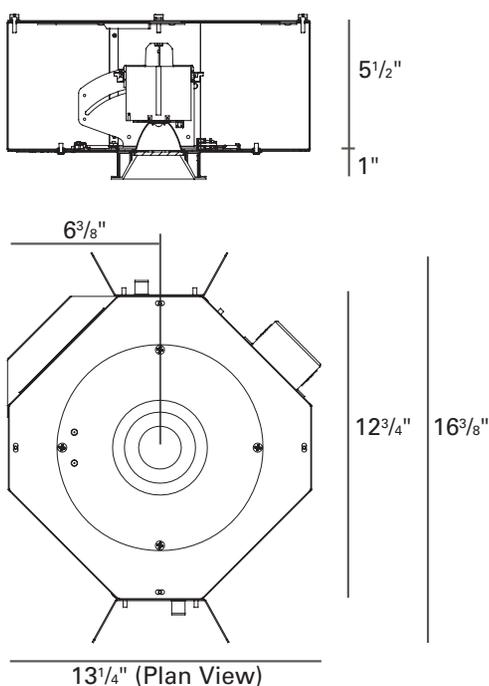
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## TRIM INFORMATION

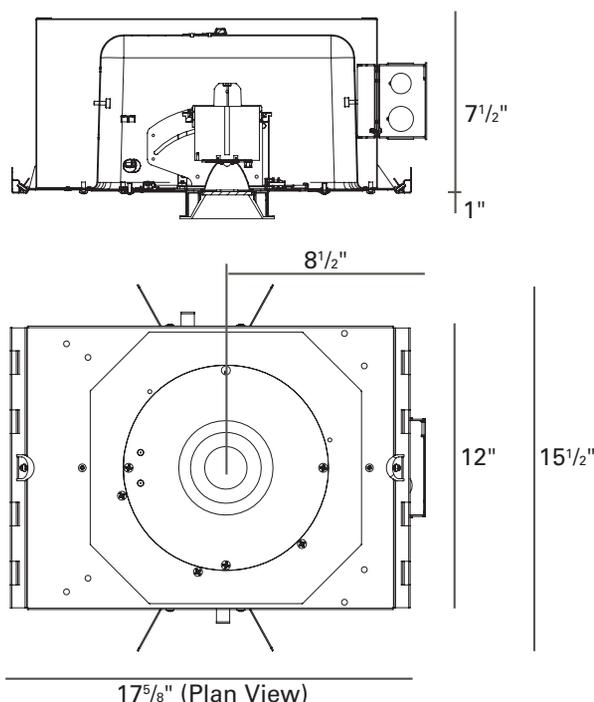


## HOUSING INFORMATION

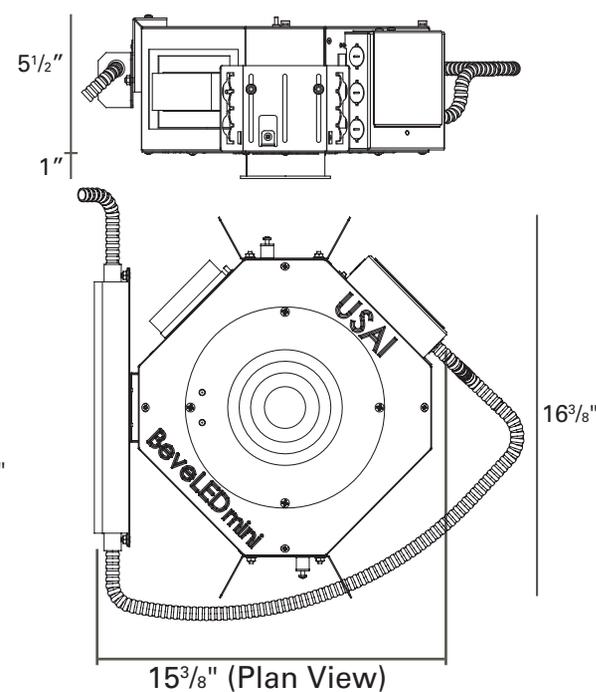
### New Construction Universal Style Housing - NC



### IC / Airtight - IC Chicago Plenum - CP



### EM Housing



## SPECIFICATIONS

**TRIM:** 3" round aperture with a 1" regressed bevel with 1/2" flange, retained by two mounting clips. Die cast aluminum bevel is self flanged and is available in white, statuary bronze, black, and metalized grey finishes. Custom color flanges available (provide RAL#).

**TRIM LENS:** Trim is shipped with integral solite lens. Frosted lens available as an option.

**REFLECTOR:** Interchangeable precision aluminum reflector optimized for 25°, 35° or 50° beam distribution.

**FIELD REPLACEABLE LIGHT ENGINE:** Available in 2 lumen packages: 12W (650 delivered lumens), 18W (825 delivered lumens). Engine is field replaceable through the aperture.

**COLOR:** BeveLED mini is available in 2 color temperatures with Warm Glow dimming (2700K and 3000K). Both color temperatures will dim down from initial CCT at 100% output to 2200K at minimum output. All color options are tightly binned for fixture-to-fixture color consistency within a 2-Step MacAdam Ellipse. 80+ color rendering index provided standard.

**RATED LIFE:** Based on IESNA LM80-2008 50,000 hours at 70% lumen maintenance (L70).

**THERMAL MANAGEMENT:** Proprietary high performance aluminum die cast heatsink for maximum LED life. Ambient temperatures at fixture location should not exceed 40°C during normal operation.

**FIELD REPLACEABLE DRIVER:** 0-10V, 100%-15% dimming driver, with a high power factor provided standard. Specify 120V or 277V. Driver complies with IEEE C62.41 surge protection.

**DIMMING OPTIONS:** Multiple dimming drivers available. See compatibility chart attached. Note: DIML6A logarithmic control is intended for use with Lutron control systems; DIML6B linear control is intended for use with non-Lutron controls.

**EMERGENCY:** Emergency lighting battery pack with remote test switch requires above ceiling access for service. Bodine 17C provides 200mA for 90 minutes. EMLW wet location option is available with B1 trim only and requires remote test switch. EM option is available with NC housings only.

**MOUNTING:** Butterfly brackets and adjustable nailer bars with integral nails provided. Nailer bars are extendible from 14" to 24" centers.

**HOUSING:** Fabricated of 20 ga. galvanized steel with thru wire J-box, 4 in 4 out at min. 90°C, #12 AWG thru branch circuit wiring.

**MAXIMUM CEILING THICKNESS:** As per drawings above.

**CEILING CUT OUT:** 3-1/2" Ø

**LISTINGS:** Dry/Damp. Wet location option available. NRTL/CSA-US tested to UL standards. IBEW union made.

**WARRANTY:** 5 years

### NOTES:

- Not for use in corrosive environment.
- Use of pressure washer voids warranty.

**PHOTOMETRICS:** Consult factory or website for IES files. Tested in accordance with IESNA LM79-2008.





## PROJECT INFORMATION

PROJECT \_\_\_\_\_  
 \_\_\_\_\_  
 DATE \_\_\_\_\_  
 TYPE \_\_\_\_\_

## LIGHT DL10



1" Regress



2-1/2" Regress

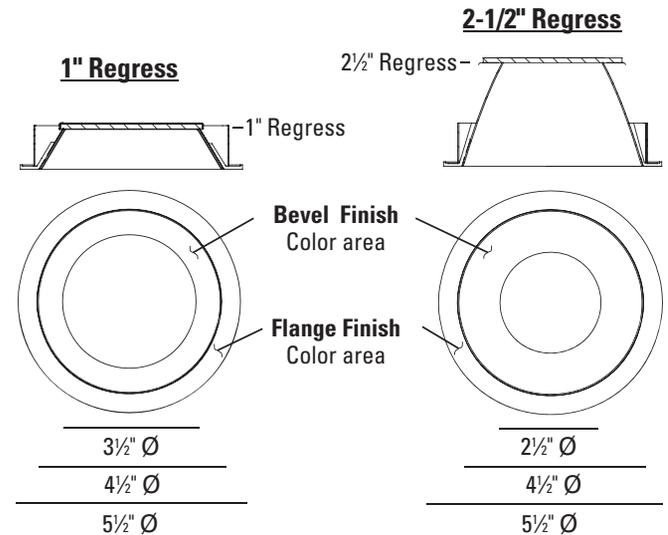
**BeveLED 2.0 Recessed Downlight** - It's a Downlight, Adjustable and Wall Wash - all in one housing - interchangeable anytime. The BeveLED 2.0 provides maximum delivered lumens and optical performance through the optimization of thermal, optical and LED science in the smallest possible aperture.

## DELIVERED PERFORMANCE

BeveLED 2.0 DOWNLIGHT 	12 Watts		16 Watts		24 Watts		33 Watts	
	Color Rendering Index	80+ CRI	90+ HIGH CRI	80+ CRI	90+ HIGH CRI	80+ CRI	90+ HIGH CRI	80+ CRI
Lumens per Watt	77	67	78	66	73	60	66	55
Source Lumens	1150	1000	1575	1300	2175	1800	2725	2275
<b>Delivered Lumens</b>	<b>925</b>	<b>800</b>	<b>1250</b>	<b>1050</b>	<b>1750</b>	<b>1450</b>	<b>2175</b>	<b>1825</b>
Color Consistency	2-Step MacAdam Ellipse							

Performance based on 3000K

CCT MULTIPLIER	2700K		3000K		3500K	4000K
Color Rendering Index	80+ CRI	90+ HIGH CRI	80+ CRI	90+ HIGH CRI	80+ CRI	80+ CRI
R9 Value	21	59	21	59	21	21
Multiplier for Lumen Output	0.91	0.78	1.00	.83	1.00	1.09



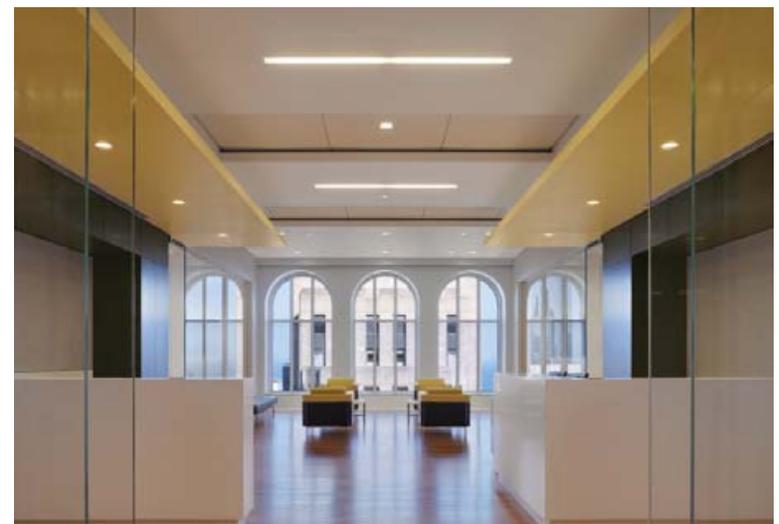
## HOW TO SPECIFY

**Ordering Example:** Specify trim code and housing code to order: Example : **3021W - B1 - F - 10 - LRTD4 - 9012 - C2 - 27KS - 30 - NC - 277V - DIML2 - CB27**

## TRIM ORDERING INFORMATION

TRIM	OPTION	BEVEL STYLE	LENS <sup>4</sup>	FLANGE FINISH
3021	_____	_____	_____	_____
3021 Round Downlight 1" or 2-1/2" Regress	<b>W</b>	Wet location <sup>1</sup>	<b>F</b> Frosted	<b>01</b> Clear Matte (w/ AC Bevel)
	<b>EML</b>	Emergency <sup>2</sup>		<b>02</b> Black Anodized (W/ AB Bevel)
	<b>EMLW</b>	Emergency and wet location <sup>1,2</sup>		<b>10</b> White
	<b>TZ</b>	TechZone (NCSM only)		<b>13</b> Statuary Bronze
		<b>AB1</b> 1" Regress Bevel, Black		<b>21</b> Black
		<b>AC1</b> 1" Regress Bevel, Clear Matte		<b>28</b> Metalized Grey
		<b>AB2</b> 2-1/2" Regress Bevel, Black <sup>3</sup>		<b>RAL</b> Custom Color (specify RAL #)
		<b>AC2</b> 2-1/2" Regress Bevel, Clear Matte <sup>3</sup>		

<sup>1</sup> Wet location, use with B1 trims only.  
<sup>2</sup> not for use with NCSM or FT housing.  
<sup>3</sup> Not for use with NCSM or FT housing.  
<sup>4</sup> Solite lens is provided standard



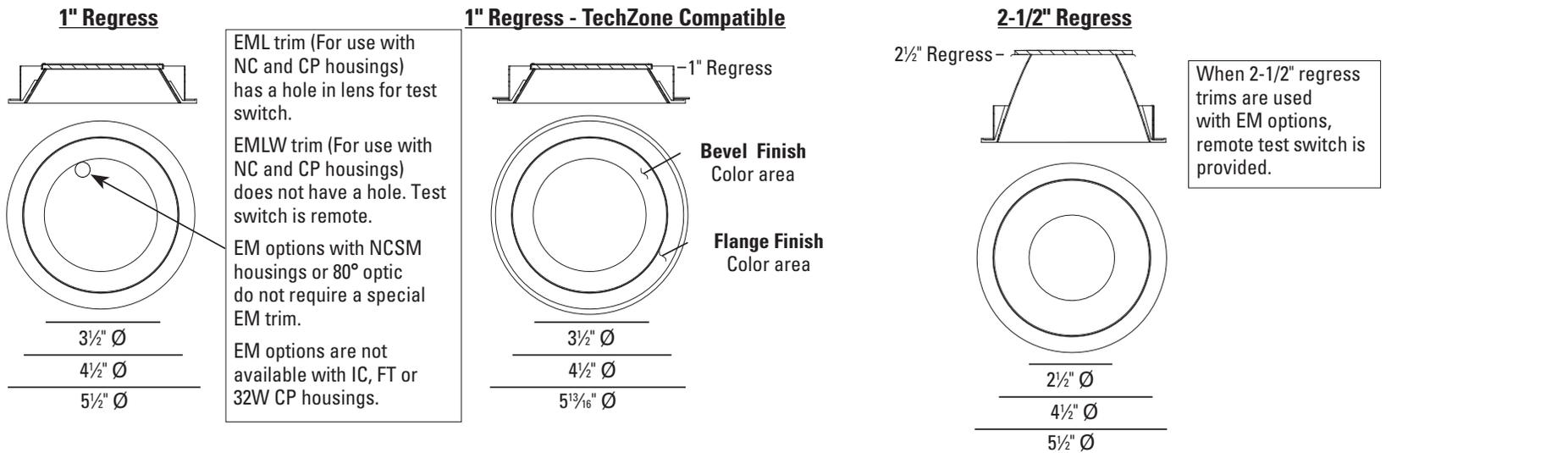
## HOUSING ORDERING INFORMATION

HOUSING CODE	WATTAGE	ENGINE CODE	COLOR	REFLECTOR	HOUSING TYPE	VOLTAGE	OPTIONAL DIMMING DRIVER	ACCESSORIES
LRTD4	_____	C2	_____	_____	_____	_____	_____	_____
LRTD4	<b>9012</b>	C2	<b>27KS</b> 2700K, 80+ CRI	<b>30</b> 30° beam	NC New Construction FT Flat Housing <sup>5</sup> NCSM Narrow Width <sup>6</sup> CP Chicago Plenum <sup>5</sup> IC Insulation-Contact Rated / Airtight <sup>5</sup>	120V 277V	<b>DIML2</b> 0-10V dim, 15%	CB27 27" C-Channel Bars CB52 52" C-Channel Bars EML Emergency battery <sup>9</sup> EMLW Emergency battery, wet location <sup>9</sup> TZ TechZone ceiling compatible <sup>10</sup>
	<b>9016</b>		<b>30KS</b> 3000K, 80+ CRI	<b>50</b> 50° beam			<b>DIML3</b> Lutron Hi-Lume 1% 2-wire, 120V only	
	<b>9024</b>		<b>35KS</b> 3500K, 80+ CRI	<b>80</b> 80° beam <sup>6</sup>			<b>DIML4</b> Lutron Hi-Lume 1% 3-wire/ECO	
	<b>9033</b>		<b>40KS</b> 4000K, 80+ CRI				<b>DIML6A</b> ELDO 0-10V 0.1%, logarithmic <sup>7</sup>	
		<b>27KH</b> 2700K, 90+ CRI			<b>DIML6B</b> ELDO 0-10V 0.1%, linear <sup>7</sup>			
		<b>30KH</b> 3000K, 90+ CRI			<b>DIML7</b> ELDO DALI 0.1% <sup>7</sup>			
					<b>DIML8</b> ELDO DMX 0.1% <sup>7,8</sup>			
					<b>DIML9</b> TRIAC 15% 2-wire, 120V only <sup>7</sup>			
					<b>DIML10</b> ELV 15% <sup>7</sup> 2-wire, 120V only			

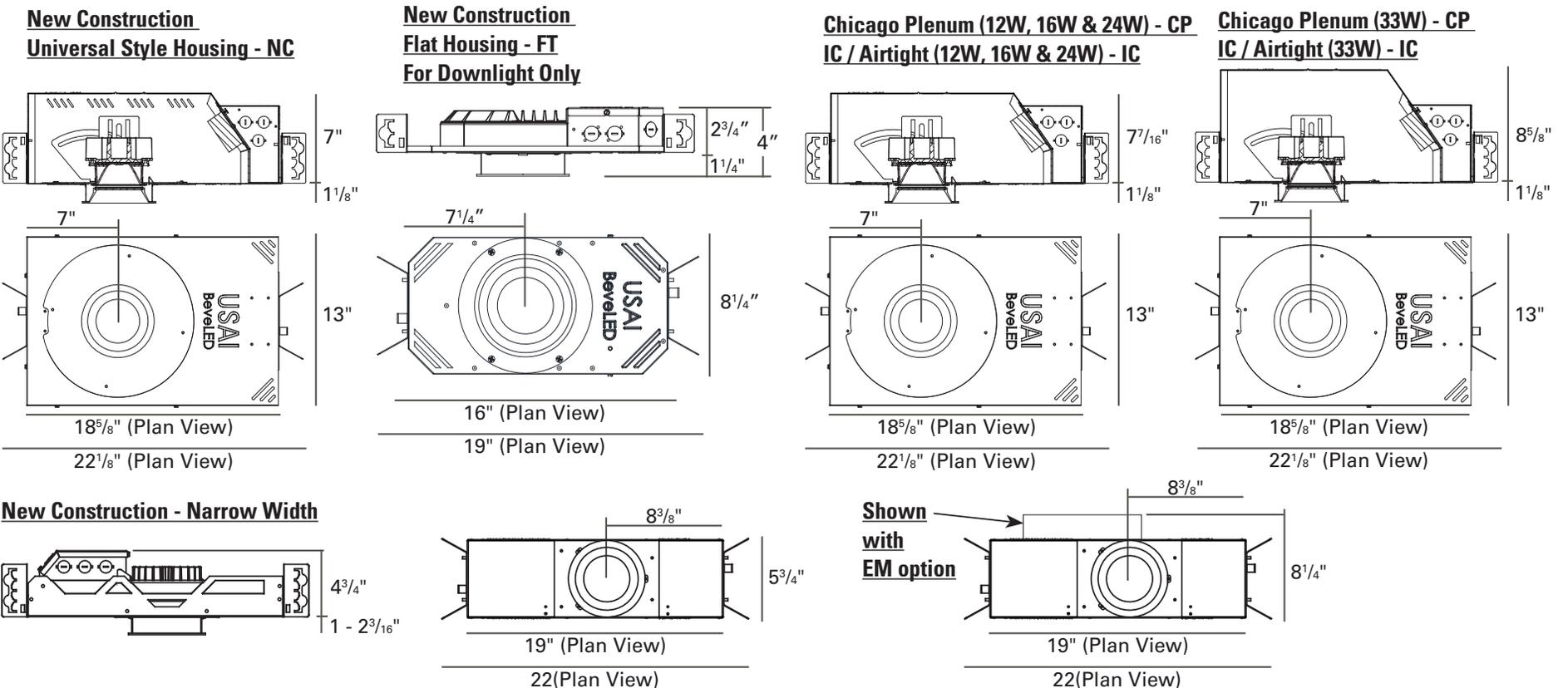
<sup>5</sup> FT, IC and 33W CP not available with EM.  
<sup>6</sup> If EM option is selected with NCSM or 80° optic, remote EM and test switch are provided  
<sup>7</sup> Note: N/A with 33W  
<sup>8</sup> Note: N/A with NCSM  
<sup>9</sup> NCSM housings require above ceiling access. Not for use with IC, FT or 33W CP housings.  
<sup>10</sup> With NCSM housing only



### TRIM INFORMATION



### HOUSING INFORMATION



### SPECIFICATIONS

**TRIM:** 4-1/2" round aperture with a 1" regressed bevel and 1/2" flange, retained by two mounting clips. Die cast aluminum bevel is self-flanged and is available in white, statuary bronze, black, and metalized grey finishes. Also available in black or clear matte bevel, with self finish or painted flange. 2-1/2" regress available for maximum glare control. Custom color flanges available (provide RAL#).

**TRIM LENS:** Trim is shipped with integral solite lens standard; frosted lens available as an option.

**REFLECTOR:** Interchangeable precision injection molded specular polycarbonate reflector optimized for 30°, 50° or 80° beam distribution.

**FIELD REPLACEABLE LIGHT ENGINE:** Available in 4 lumen packages: 12W (925 delivered lumens), 16W (1250 lm), 24W (1750 lm), and 33W (2175 lm). Engine is field replaceable through the aperture without tools.

**COLOR:** BeveLED is available in 4 color temperatures (2700K, 3000K, 3500K, 4000K). All color options are tightly binned for fixture-to-fixture color consistency within a 2-Step MacAdam Ellipse. 80+ color rendering index provided standard. 90+ CRI available for 2700K and 3000K CCTs.

**RATED LIFE:** Based on IESNA LM80-2008 50,000 hours at 70% lumen maintenance (L70).

**THERMAL MANAGEMENT:** Proprietary high performance aluminum die cast heatsink for maximum LED life. Ambient temperatures at fixture location should not exceed 40°C during normal operation.

**FIELD REPLACEABLE DRIVER:** Solid state electronic constant current driver with a high power factor provided standard. Specify 120V or 277V. Driver complies with IEEE C62.41 surge protection.

**DIMMING OPTIONS:** Multiple dimming drivers available. See compatibility chart attached. Note: DIML6A logarithmic control is intended for use with Lutron control systems; DIML6B linear control is intended for use with non-Lutron controls. DIML2 and DIML6 dimming drivers source 2mA.

**EMERGENCY:** Emergency lighting battery pack with integral test switch is serviceable through aperture for NC and CP housings. NCSM housings and 80° optics are provided with remote test switch and requires above ceiling access for service. Bodine BSL26C provides 200mA for 90 minutes; delivers ~275-300 lumens. EMLW wet location option is available with B1 trim only and requires remote test switch. EM option is not available with IC, FT or 33W CP housings.

**MOUNTING:** Butterfly brackets and adjustable nailer bars with integral nails provided. Nailer bars are extendible from 14" to 24" centers.

**HOUSING:** Fabricated of 20 ga. galvanized steel with thru wire J-box, 4 in 4 out at min. 90°C, #12 AWG thru branch circuit wiring. NCSM with TZ option is compatible with TechZone ceiling systems.

**MAXIMUM CEILING THICKNESS:** As per drawings above.

**CEILING CUT OUT:** 5-1/16"Ø

**LISTINGS:** Dry/Damp. Wet location option available with B1 trim only. NRTL/CSA-US tested to UL standards. IBEW union made. Energy Star Qualified.

**WARRANTY:** 5 years



**NOTES:**

- Not for use in corrosive environment.
- Use of pressure washer voids warranty.

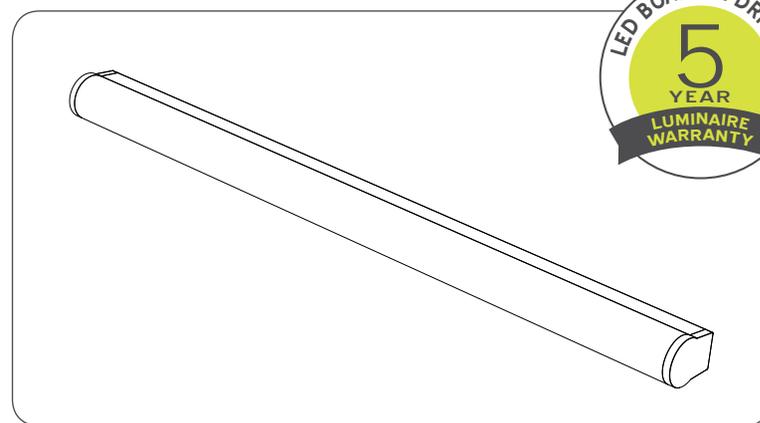
**PHOTOMETRICS:** Consult factory or website for IES files. Tested in accordance with IESNA LM79-2008.

● **PROJECT INFORMATION**

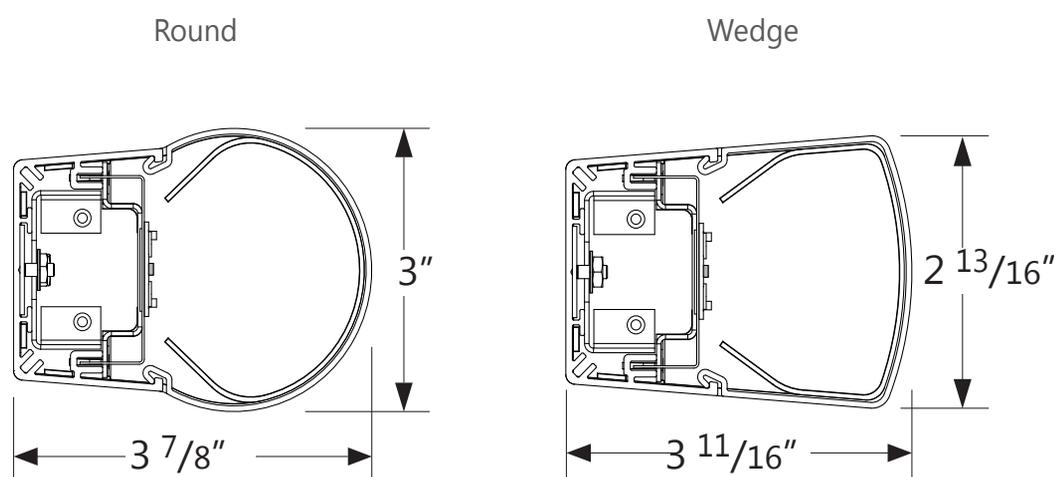
Project:

Type:

Notes:



● **DIMENSIONS -SECTION VIEWS**



**PERFORMANCE PER LINEAR FOOT AT 3500K**

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
600 lm/ft	6.40w/ft	94 lm/w

Please consult factory for custom lumen output and wattage.

● **ORDERING CODE**

1	2	3	4	5	6	7	8	9	10	11	12	13	14
---	---	---	---	---	---	---	---	---	----	----	----	----	----

● **PRODUCT SPECIFICATIONS**

1 PRODUCT ID	2 VERSION	3 NOM.LUMENS/FT	4 COLOUR TEMP.	5 SHIELDING	6 LENGTH/FT	7 FINISH
<b>PRWLED</b> round wall led	<b>B2</b> B2 (factory preset)	<b>500</b> 500 lm/ft	<b>35</b> 3500 k	<b>S</b> satin lens	<b>2</b> 2'	<b>AP</b> aluminum paint
<b>PWWLED</b> wedge wall led		<b>600</b> 600 lm/ft	<b>30</b> 3000 k <sup>(1)</sup>		<b>4</b> 4'	<b>W</b> white
		<b>800</b> 800 lm/ft	<b>40</b> 4000 k <sup>(1)</sup>		<b>6</b> 6'	<b>C</b> custom
					<b>8</b> 8'	
					<b>12</b> 12'	
					<b>S#</b> System Run	

(1) 8 week lead time for 3000k and 4000k

8 VOLTAGE	9 DRIVER	10 CIRCUITS	11 BATTERY	12 OTHER	13 IC CONTROLS
<b>120</b> 120V	<b>D</b> dimming <sup>(2)</sup>	<b>1</b> 1 circuit	<b>B#</b> battery pack 4' sections	<b>F</b> fuse	<b>DS#</b> daylight sensor
<b>277</b> 277V	<b>LT</b> lutron	<b>2</b> 2 circuits			<b>OS#</b> occupancy sensor
<b>UNV</b> universal	<b>RD</b> redwood <sup>(3)</sup>	<b>+E#</b> emergency section			
		<b>+NL#</b> night light section			
		<b>+GTD#</b> generator transfer device			

(2) Standard with LED  
 (3) Please consult factory

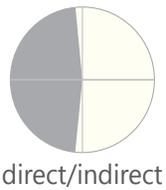
Please consult factory

See integrated controls guide for further details

14 CUSTOM
<b>C</b> custom
Please specify

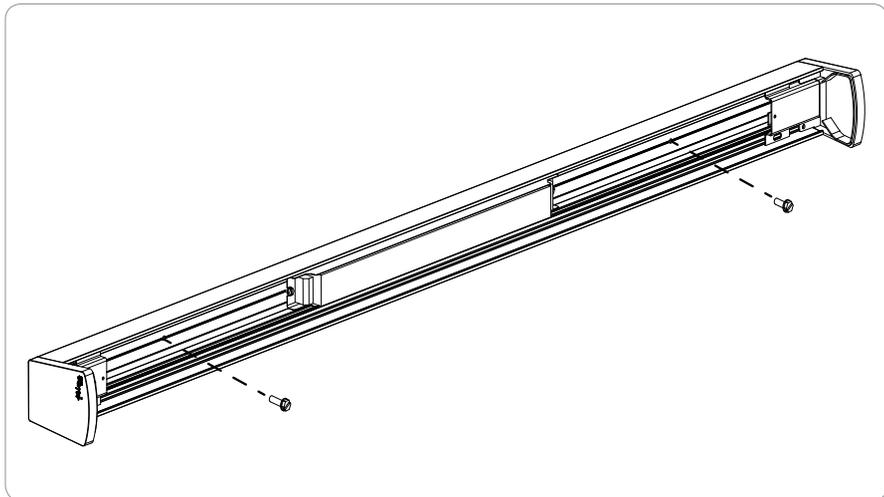
Driver, Battery Pack and Integrated Control Details and Custom Description:

● **LIGHT DISTRIBUTION**

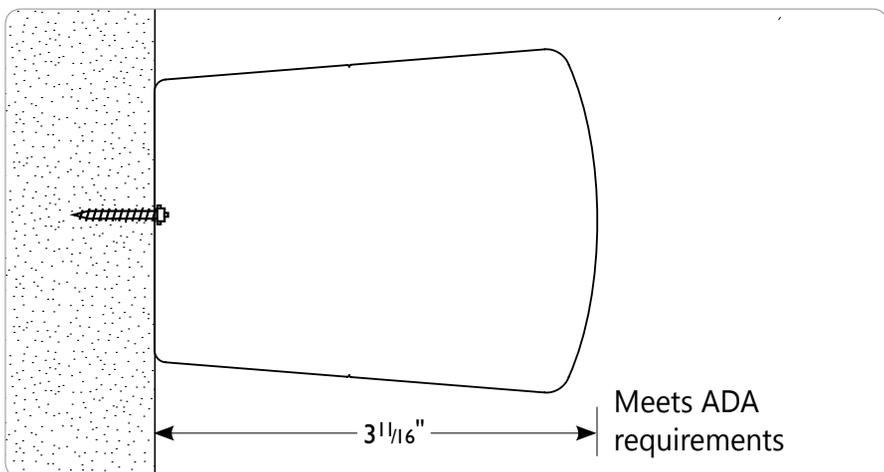


direct/indirect

● **MOUNTING OPTIONS**



**MOUNTING POINT**



**SIDE DETAIL**

**i** Installation sheets for all mounting options are available at: [www.axislighting.com](http://www.axislighting.com)

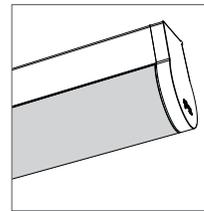
● **FINISH**

Aluminium paint, Powder Coated and custom finishes are also available.

● **APPROVALS**

Certified to UL and CUL standards   
 Meets ADA requirements.

● **OPTICS**



S satin lens

**SATIN LENS**

PMMA satin finish (0.060" nominal) 68% trans.

● **SYSTEMS (S#)**

Runs of PRIME that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination of sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the PRIME installation sheets available for download at [www.axislighting.com](http://www.axislighting.com)

● **OTHER MOUNTING OPTIONS**

PRIME is also available in pendant and surface mounted options.

**i** Specification sheets for all mounting options are available for download at [www.axislighting.com](http://www.axislighting.com)

● **SPECIFICATIONS**

**CONSTRUCTION**

<b>Housing</b>	Extruded aluminium (0.070" nominal) up to 70% recycled content
<b>End Cap</b>	Die cast zinc (0.080" nominal)
<b>Joiners</b>	Die cast zinc (0.070" nominal)
<b>Interior Brackets</b>	Die formed Sheet Steel (20 gauge)
<b>Reflectors</b>	Die formed Sheet Steel (18 gauge)
<b>Lens joiners</b>	Die cast zinc (0.070" nominal)
<b>Satin lens</b>	PMMA satin finish (0.060" nominal) 68% trans.

**ELECTRICAL**

<b>LED</b>	Use of OptimaLED technology based on mid-flux LED
<b>Input Voltage</b>	120V, 277V, UNV.
<b>Driver</b>	Dimming, HiLume, EcoSystem, DALI,
<b>CRI</b>	Minimum 80 color rendering index
<b>CCT</b>	Choice of 3000k, 3500k and 4000k color temperature with a great color consistency (within 3.5-step MacAdam ellipse).
<b>LED life</b>	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.

**Thermal management**

Aluminium housing acting as the heat spreader to maximize life.

**Emergency**

Emergency battery pack or emergency circuit optional.

● **WEIGHT**

<b>4 ft</b>	8 lbs / 3.9 kg
<b>8 ft</b>	16 lbs / 7.7 Kg
<b>12 ft</b>	25 lbs / 11.6 Kg



● **INTEGRATED CONTROL OPTIONS**

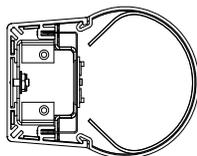
PRIME luminaires allow the use of integrated controls such as daylight sensors (DS), occupancy sensors (OS), individual daylight sensors and occupancy sensors (DS+OS), and combination daylight/occupancy sensors (DOS). These options can be seamlessly integrated into our luminaires. The control system could be used to optimize the lighting of the space by reducing energy consumption through daylight harvesting and occupancy, thereby improving the overall interior environment and allowing for LEED credits.

- Consult factory for other options.
- Refer to IC brochure for more information.

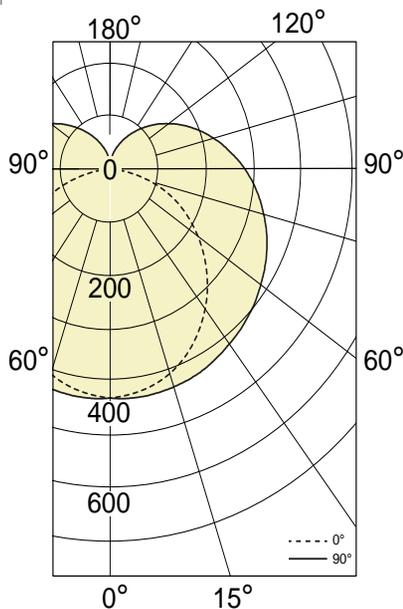
SENSORS	BRAND	Model	TYPE	CODE	COMPATIBLE DRIVER
Daylight Sensor (DS)	Lutron	EC-DIR-WH	Daylight	LD	EcoSystem
	Wattstopper	FD-301	Daylight	WD	Dimming 0-10V
	Philips	Luxsense	Daylight	PL	Dimming 0-10V
Occupancy Sensor (OS)	Wattstopper	FS-205	PIR Occupancy	WP1	Dimming or non-dimming
		FS-355 (Consult Factory)	PIR Occupancy	WP2	Dimming or non-dimming
Daylight and Occupancy Sensors (OS+DS)	Wattstopper Philips	Please consult factory			Dimming 0-10V

● **PHOTOMETRIC DATA**

600 lm/ft



**PHOTOMETRIC CURVE**



Luminaire Lumens: 600 lm/ft  
 Input Watts: 6.4 w/ft  
 Efficacy: 94 lm/w  
 IES FILE: PRWLED-B2-600-35-4.IES

**CANDELA DISTRIBUTION**

Vertical Angle	Horizontal Angles					Zonal Lumens
	0	22.5	45.0	67.5	90	
0	432	432	432	432	432	
5	428	431	430	432	434	10
15	412	418	422	428	432	30
25	381	390	404	419	426	47
35	337	351	379	403	414	59
45	283	304	348	385	399	67
55	221	253	313	362	380	69
65	154	200	276	336	357	66
75	86	149	239	305	328	60
85	25	107	204	272	296	51
90	2	90	186	254	277	46
95	3	77	169	236	259	42
105	7	59	140	200	221	34
115	12	49	114	166	184	27
125	15	42	92	133	148	20
135	17	34	72	103	114	13
145	18	27	50	76	84	8
155	21	23	35	49	58	4
165	24	22	25	28	37	2
175	26	26	24	20	12	1
180	23	23	23	23	23	

**COEFFICIENTS OF UTILIZATION (%)**

Ceiling	80										70				50		
	Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10		
0	113	113	113	113	108	108	108	108	97	97	97						
1	100	93	88	81	94	89	84	77	80	76	71						
2	89	80	72	62	84	75	68	59	68	62	55						
3	81	69	60	49	76	65	57	47	59	52	44						
4	73	60	51	40	69	57	49	39	52	44	36						
5	67	53	44	34	63	51	42	33	46	38	30						
6	62	48	38	29	58	45	37	28	41	34	26						
7	57	43	34	25	54	41	32	24	37	30	23						
8	53	39	30	22	50	37	29	21	34	27	20						
9	49	36	27	19	47	34	26	19	31	24	17						
10	46	33	25	17	44	31	24	17	29	22	16						

Based on floor reflectance of 20

**LUMINANCE DATA (CD/M<sup>2</sup>)**

Vertical Angle	Horizontal Angles		
	0	45	90
45	4489	3569	3566
55	4326	3441	3522
65	4085	3370	3555
75	3747	3388	3641
85	3182	3591	3844

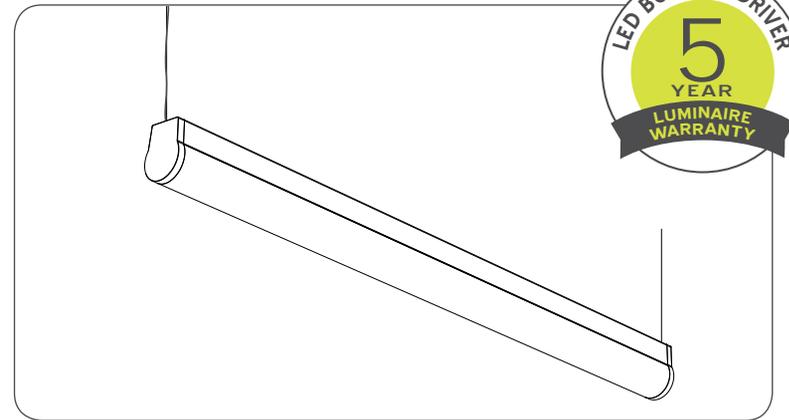
**i** All IES files are available for download at: [www.axislighting.com](http://www.axislighting.com)

● **PROJECT INFORMATION**

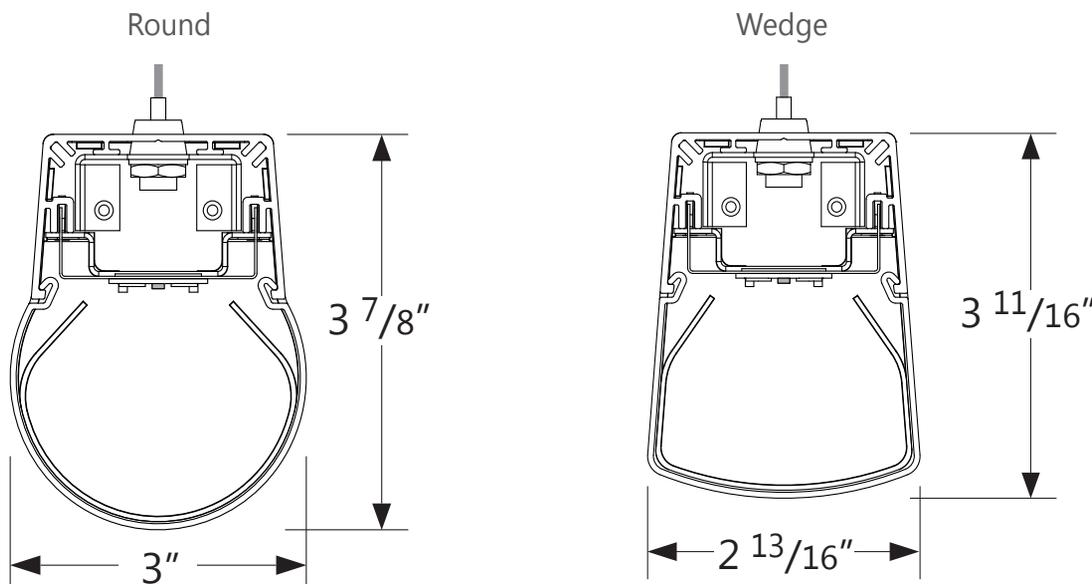
Project: \_\_\_\_\_

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

Notes: \_\_\_\_\_



● **DIMENSIONS -SECTION VIEWS**



**PERFORMANCE PER LINEAR FOOT AT 3500K**

NOMINAL LUMEN OUTPUT	INPUT WATTS*	EFFICACY
600 lm/ft	6.40w/ft	94 lm/w

Please consult factory for custom lumen output and wattage.

● **ORDERING CODE**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----

● **PRODUCT SPECIFICATIONS**

1 PRODUCT ID	2 VERSION	3 NOM.LUMENS/FT	4 COLOUR TEMP.	5 SHIELDING	6 LENGTH/FT	7 FINISH
<b>PRLED</b> round pendant led	<b>B2</b> B2 (factory preset)	<b>500</b> 500 lm/ft	<b>35</b> 3500 k	<b>S</b> satin lens	<b>2</b> 2'	<b>AP</b> aluminum paint
<b>PWLED</b> wedge pendant led		<b>600</b> 600 lm/ft	<b>30</b> 3000 k <sup>(1)</sup>		<b>4</b> 4'	<b>W</b> white
		<b>800</b> 800 lm/ft	<b>40</b> 4000 k <sup>(1)</sup>		<b>6</b> 6'	<b>C</b> custom
					<b>8</b> 8'	
					<b>12</b> 12'	
					<b>S#</b> System Run	

(1) 8 week lead time for 3000k and 4000k

8 VOLTAGE	9 DRIVER	10 CIRCUITS	11 MOUNTING/SUSPENSION	12 BATTERY	13 OTHER
<b>120</b> 120V	<b>D</b> dimming <sup>(2)</sup>	<b>1</b> 1 circuit	<b>CA#</b> drywall+cable length (36" std.)	<b>B#</b> battery pack 4' sections	<b>F</b> fuse
<b>277</b> 277V	<b>LT</b> lutron	<b>2</b> 2 circuits	<b>CT9-#</b> TB/TG 9/16+cable length (36" std.)		
<b>UNV</b> universal	<b>RD</b> redwood <sup>(3)</sup>	<b>+E#</b> emergency section	<b>CT15-#</b> TB/TG15/16+cable length (36" std.)		
		<b>+NL#</b> night light section	<b>CTS-#</b> ST+cable length (36" std.)		
		<b>+GTD#</b> generator transfer device	<b>SA#</b> drywall+stem length >48" (18" std.)		

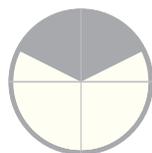
(2) Standard with LED  
(3) Please consult factory

Please consult factory

14 IC CONTROLS	15 CUSTOM
<b>DS#</b> daylight sensor	<b>C</b> custom
<b>OS#</b> occupancy sensor	
See integrated controls guide for further details	Please specify

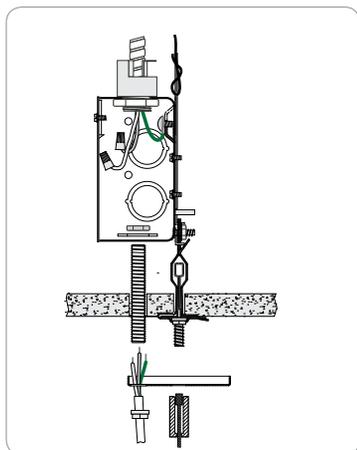
Driver, Battery Pack and Integrated Control Details and Custom Description:

● LIGHT DISTRIBUTION



semi-direct

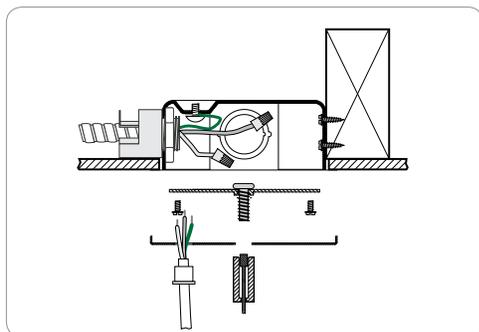
● MOUNTING OPTIONS



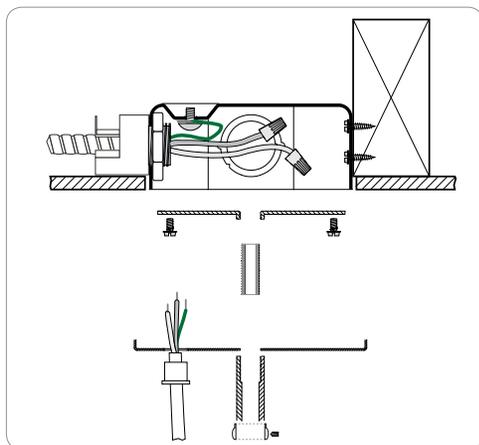
**GT** TILE CEILING - ON GRID

Mounting options are also available for slope ceiling and seismic bracing.

**i** Installation sheets for all mounting options are available at: [www.axislighting.com](http://www.axislighting.com)



**CA** DRYWALL CEILING



**SA** STEM MOUNT IN DRYWALL CEILING

● WEIGHT

<b>4 ft</b>	8 lbs / 3.9 kg
<b>8 ft</b>	16 lbs / 7.7 Kg
<b>12 ft</b>	25 lbs / 11.6 Kg

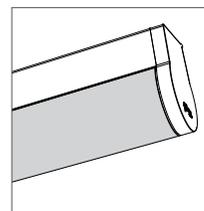
● FINISH

Aluminium paint, Powder Coated and custom finishes are also available.

● APPROVALS

Certified to UL and CUL standards 

● OPTICS



S satin lens

**SATIN LENS**

PMMA satin finish (0.060" nominal) 68% trans.

● SPECIFICATIONS

**CONSTRUCTION**

<b>Housing</b>	Extruded aluminium (0.070" nominal) up to 70% recycled content
<b>End Cap</b>	Die cast zinc (0.080" nominal)
<b>Joiners</b>	Die cast zinc (0.070" nominal)
<b>Interior Brackets</b>	Die formed Sheet Steel (20 gauge)
<b>Reflectors</b>	Die formed Sheet Steel (18 gauge)
<b>Lens joiners</b>	Die cast zinc (0.070" nominal)
<b>Satin lens</b>	PMMA satin finish (0.060" nominal) 68% trans.

**ELECTRICAL**

<b>LED</b>	Use of OptimaLED technology based on mid-flux LED
<b>Input Voltage</b>	120V, 277V, UNV.
<b>Driver</b>	Dimming, HiLume, EcoSystem, DALI,
<b>CRI</b>	Minimum 80 color rendering index
<b>CCT</b>	Choice of 3000k, 3500k and 4000k color temperature with a great color consistency (within 3.5-step MacAdam ellipse).
<b>LED life</b>	Minimum 50,000h with 70% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
<b>Thermal management</b>	Aluminium housing acting as the heat spreader to maximize life.
<b>Emergency</b>	Emergency battery pack or emergency circuit optional.

● SYSTEMS (S#)

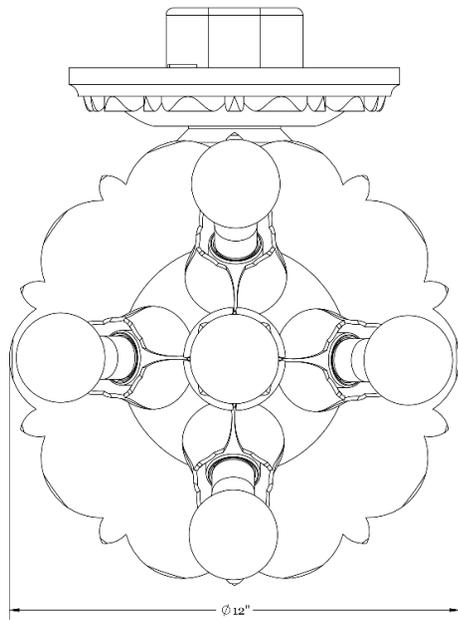
Runs of PRIME that are greater than 12ft in length are designated as systems (S#). This means that the run is comprised of a combination of sections to be assembled on site using our joining system. For more information on systems and joining, please refer to the PRIME installation sheets available for download at [www.axislighting.com](http://www.axislighting.com)

● OTHER MOUNTING OPTIONS

PRIME is also available in wall and surface mounted options.

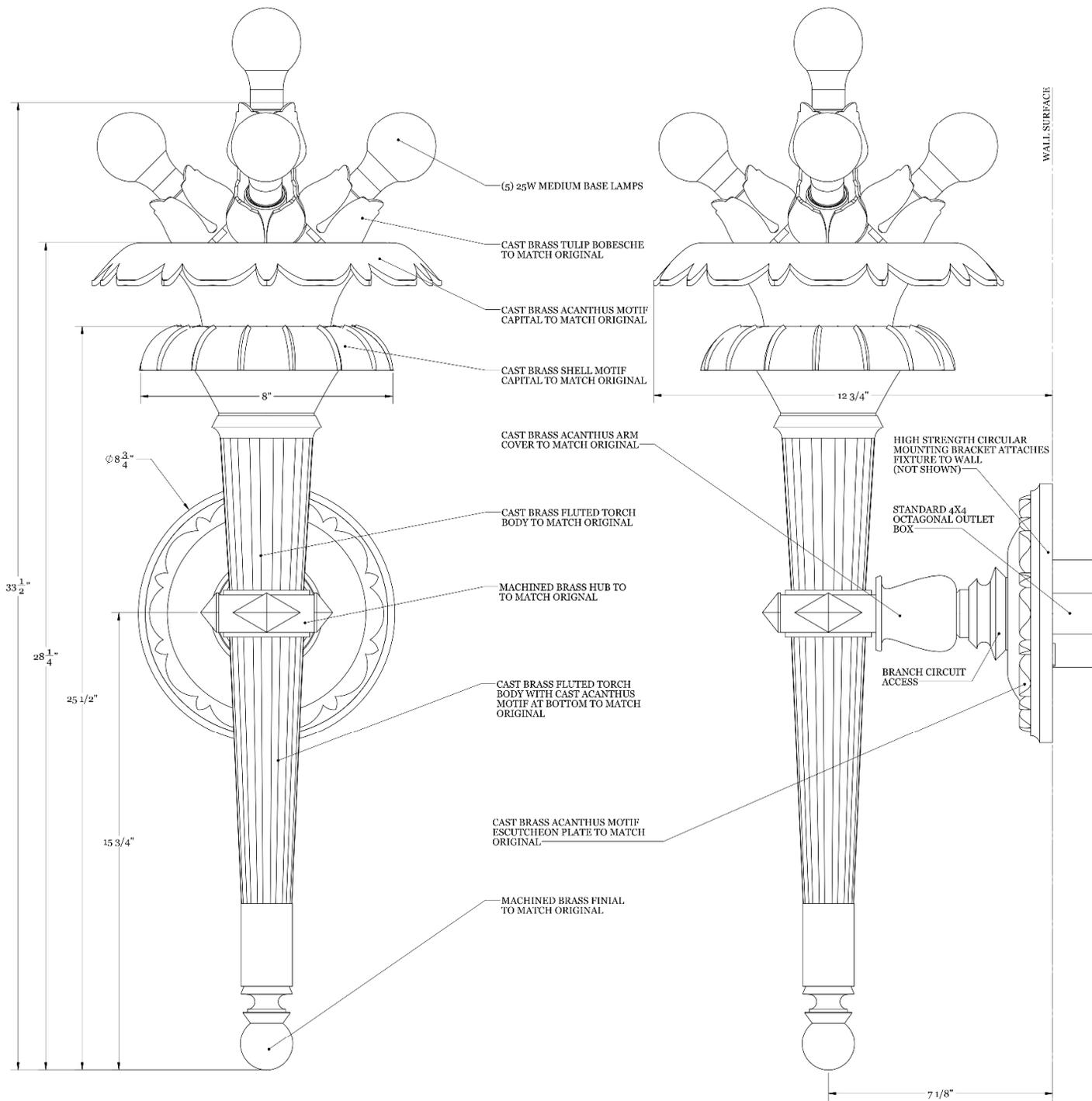
**i** Specification sheets for all mounting options are available for download at [www.axislighting.com](http://www.axislighting.com)

# LIGHT SR1



**FIXTURE NOTES:**

- FINISH: BRASS PATINA TO MATCH RESTORATION FIXTURE SH1
- ESTIMATED WEIGHT: 55 LBS
- VOLTAGE: 120V
- MAX WATTAGE: 125W
- MAX AMPERAGE: 1.04A
- FIXTURE WIRED FOR ONE CONTROL CIRCUIT
- UL/CSA DAMP LOCATION
- LAMPS PROVIDED BY CRENSHAW
- MOUNTING ANCHORS BY OTHERS
- LAMPS TO BE COMPATIBLE WITH CRESTRON PHASE CONTROL DIMMING SYSTEM
- ESTIMATED WEIGHT: 51 LBS
- FIXTURE TO MATCH 5245 SH1



DIMENSIONS ARE THE PROPERTY OF CRENSHAW LIGHTING AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF CRENSHAW LIGHTING.

DRAWING NOTE: ORIGINAL DRAWING CREATED ON A 24x36 INCH TEMPLATE. IF DIMENSIONS DO NOT CORRESPOND ON THIS SIZE PAPER, SCALE WILL NOT BE ACCURATE.

SR1

FIXTURE TYPE



**CRENSHAW LIGHTING**  
 592 PARADISE LANE, FLOYD, VA 24091  
 WWW.CRENSHAWLIGHTING.COM  
 VOICE: (540) 745-3900 FAX: (540) 745-3911

PROJECT: 5246 - MINNESOTA STATE CAPITOL: ZONE 1 REPLICATION	
FIXTURE TYPE: SR1	DATE: 4/23/15
DRAWN BY: B. GARDNER	REVISIONS:



Job Name:

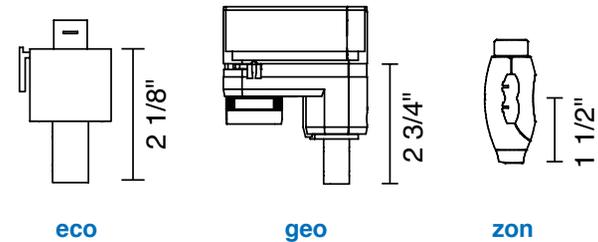
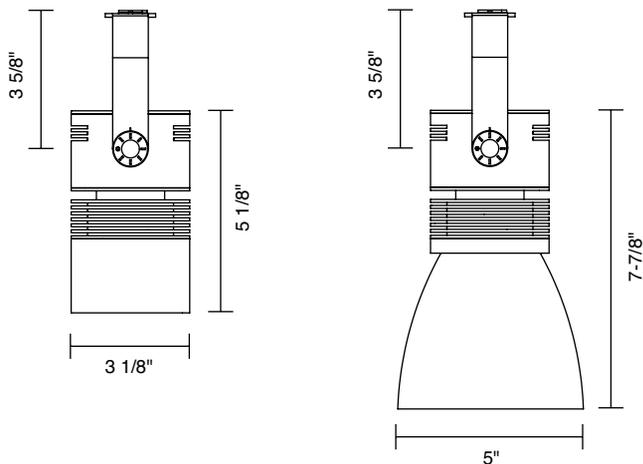
Contact:

Ordering Code:

Fixture Type:

**LIGHT TL1**

# Z15 LED Track Spot



### Applications

The Bruck Z15 Spot is an LED spot fixture with Chroma technology providing energy efficient light using a cold remote phosphor module by XICATO® with an industry best SDCM of 1 x 2 Macadam ellipses. It has a sleek cylindrical form factor with a 3" aperture for a par 20 form factor. It accepts lens accessories, barn doors, snoot accessory or frosted opal glass shade. The housing is machined aluminum and seconds as its heat sink and with integral dimming driver. It is offered in matte chrome, white and black. The Z15 is offered in 4 color temperatures as well as high CRI with 20°, 40° or 60° reflector options. Specify the appropriate adapter for any of Bruck's line voltage track systems as well as Halo® retrofit. Z15 Spot carries a 5 year NO COLOR SHIFT AND FIXTURE WARRANTY. Canopy mount is also offered.

### Housing

Machined aluminum housing with white, matte chrome or black finish. Optional cast glass shade.

### Mounting

Global Trac Systems, GEO track and ECO track, Halo® Power Trac track, and Zonyx track.

### Reflector

Reflectors are provided with computer designed, lamp specific, post Alzak anodized reflectors of pure aluminum (99.98%). Available in Specular aluminum (SA) to provide glare and iridescence free performance.

### LED Performance

**LED:** Patented Cold Remote Phosphor, XICATO®  
**SDCM:** 1 x 2 MacAdam Elipse, +/- 50 Kelvin  
**CCT:** 2700k, 3000k, 3500k, or 4000k  
**CRI:** >80 - typically 82, >95 - typically 97  
**LIFE:** 85% at 50k hrs based on LM-80 testing  
 5 year "no color shift" warranty

	lumens	+82 CRI	+97 CRI
	700 lm		15W
	1000 lm	15W	

### Light Optics / Accessories

Optical attachments allow for tool-less access to LED components and reflector. Ease of maintenance with field interchangeable optics when performance variations and lighting requirements of the space change. Optional dust protective lens provided on snoot aperture.

### Electrical / LED Driver

120Vac input, 50/60Hz, 15W, 16VA. Electronic 120V driver. Trailing Edge (ELV) dimming. \*Consult factory for other voltage options.

### Listings

ETLus Listed to UL1574 (track suitable for dry locations only)  
 cETL Listed to CSA C22.2 #9.0  
 Made in the USA - meets the requirements of the Buy American provision within the ARRA.



### Ordering Codes

Follow the steps to specify your luminaire,

example: **350 - 420 - wh - 2 - m - ecobk**

1 Light Source	2 Shade	3 Finish	4 Color Temperature	5 Reflector / Glass*	6 Mounting Option
<b>350</b> LED	<b>420</b> <b>422</b> with glass shade	<b>bk</b> black <b>mc</b> matte chrome <b>wh</b> white	<b>2</b> >80 CRI, 2700k, 1000lm <b>2a</b> >95 CRI, 2700k, 700lm <b>3</b> >80 CRI, 3000k, 1000lm <b>3a</b> >95 CRI, 3000k, 700lm <b>3V</b> >80 CRI, 3000k Vibrant, 1000lm <b>9</b> >80 CRI, 3500k, 1000lm <b>9a</b> >95 CRI, 3500k, 700lm <b>4</b> >80 CRI, 4000k, 1000lm <b>4a</b> >95 CRI, 4000k, 700lm	<b>fl</b> flood, 60° <b>m</b> medium, 40° <b>s</b> spot, 20°  <b>bl</b> blue <b>wh</b> white	<b>ecobk</b> ECO/Halo black <b>ecosv</b> ECO/Halo matte silver <b>ecowh</b> ECO/Halo white <b>geobk</b> GEO black <b>geosv</b> GEO matte silver <b>geowh</b> GEO white <b>zonmc</b> Zonyx matte chrome

### NOTES:

\*specify reflector degree for 420 only  
 specify glass color for 422 only



Job Name:

Contact:

Ordering Code:

Fixture Type:

**LIGHT TL1**



**420** no shade

**422 - bl** blue glass shade

**422 - wh** white glass shade



Snoot



Louver



Barn Doors



Lens Options

Accessory Code

**900300bk** black  
**900300mc** matte chrome  
**900300wh** white

Accessory Code\*

**900310** black

Accessory Code\*\*

**900305bk** black

Accessory Code\*

**900321** diffuser lens  
**900322** frosted lens  
**900320** linear lens

**NOTES:**

\*Accessories available for **420** Snoot aperture only.

\*\*Requires **900300** Snoot Accessory.



**These LED Cylinder units offer high functionality in LSI's smallest, sleekest package.**

- Designed for the Xicato™ XSM LED module up to 11 Watts
- Exceeds ANSI specifications by maintaining industry's best color consistency over the 50,000 hour rated life of the LED module
- Full 5-year warranty
- Tested to LM79 and LM80 Protocols
- 50,000 hour life to 70% lumen output, L70 at 95°F max ambient
- Discreetly hidden electronic driver (non-dimmable)
- 15° or 40° Polycarbonate reflector included
- Choice of color temperature
- Choice of Color Rendering Index (CRI) of either 97 (high) or 80+ (standard)
- Removable accessory cartridge and cross baffle for any double combination of size-AAA LSI filters and accessories
- No UV or IR emissions; no mercury or lead
- Sturdy die-cast aluminum housing
- Locking stem for horizontal and vertical focusing
- On/off safety switch (on -00E Track and Busway fitting)
- Finishes: LSI Black, White, and Silver
- Fixture weight: 1.63 lbs.

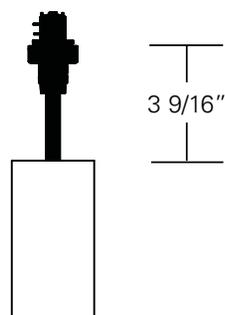
## MOUNTING OPTIONS

Please review the **ORDERING INFORMATION** section on the next page on how to specify the following:

- Lumens/CRI/Wattage
- Color Temperature
- Optic - mm/beam spread

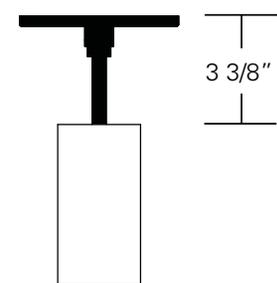
### LX2030-XXXX-00E

Lexan Fitting for 1 and 2 circuit LSI Track. With On/Off switch.



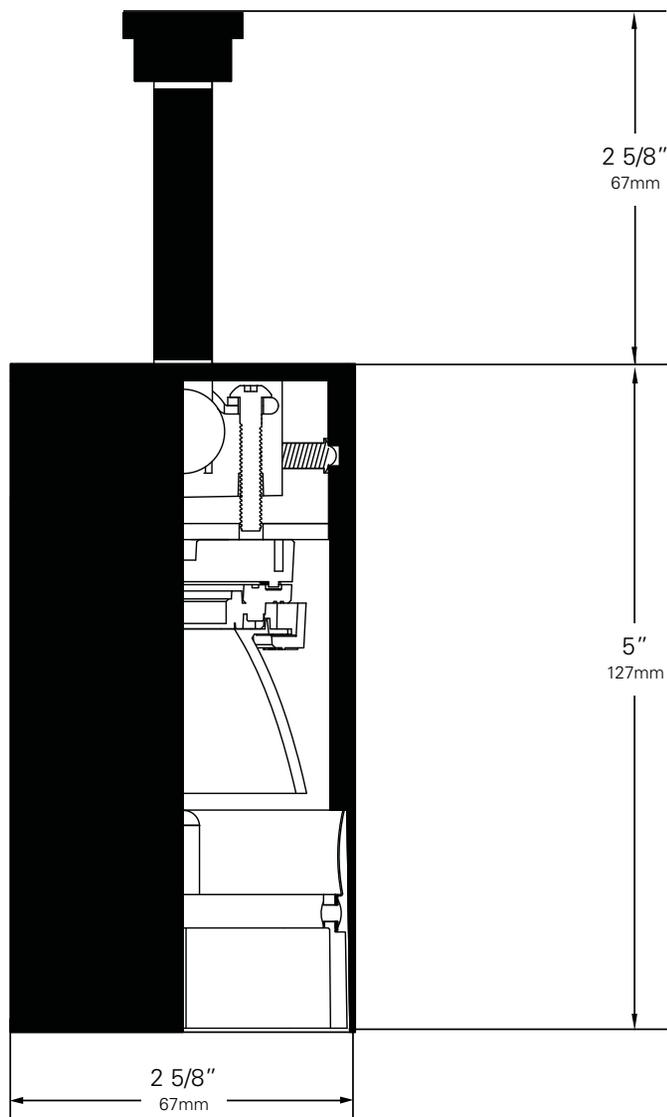
### LX2030-XXXX-5AE

Canopy for permanent mounting on standard 4" octagonal junction boxes. (2-1/8" deep)



### Other Options (Consult Factory):

- Custom stems, specify length (4" – 48")
- Custom color, RAL palette
- Security/Worklight Fixture, add suffix – **EF00E** (track)  
Available for this mounting option only.



**ORDERING INFORMATION**

1. Choose the letter code to designate the desired **LED Module/CRI/Wattage**  
**(A)** for 400/97/11 **(B)** for 400/80/8
2. Choose the numeric code to designate the desired **Color Temperature**  
**(2)** for 2700K **(3)** for 3000K  
 For other CCT, consult factory
3. Use the following alpha-numeric code to designate the **Optic**  
**(S1)** for 54mm/15°  
**(S4)** for 54mm/40°
4. Select your **Mounting Option**
5. Choose a **Finish** for your fixture:  
 Black **(B)** White **(W)** Silver **(S)**  
 Example: **LX2030 - A 3 S4 - 00E B**  
FIXTURE LUMENS CCT REFLECTOR FITTING FINISH
6. Don't forget your Accessories!

**LUMELX® 2030 LED FIXTURE DATA**

**LED lighting facts**  
 A Program of the IESNA

Light Output (Lumens) 240  
 Watts 11  
 Lumens per Watt (Efficacy) 22

Color Accuracy  
 Color Rendering Index (CRI) 97

Light Color  
 Correlated Color Temperature (CCT) 3000 (Bright White)

Warm White 2700K Bright White 3000K Daylight 4000K

All results are according to IESNA LM-79-2009: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting (SSL) X (Equivalent of Incandescent) sources, product test data and results.

Visit [www.lightingfacts.com](http://www.lightingfacts.com) for the Label Reference Guide.

Registration Number: DTF-021102 (Revised 2/2012)  
 Model Number: Lumex 2030 LED  
 Type: Track Light

**Color Temperature & Center Point Tolerance**

Color Temp	Center Point	Tolerance
2700K	2700K	+/- 40K
3000K	2950K	+/- 50K
3500K	3420K	+/- 60K
4000K	4000K	+/- 70K

[Click for performance and photometrics](#)

**ACCESSORIES**

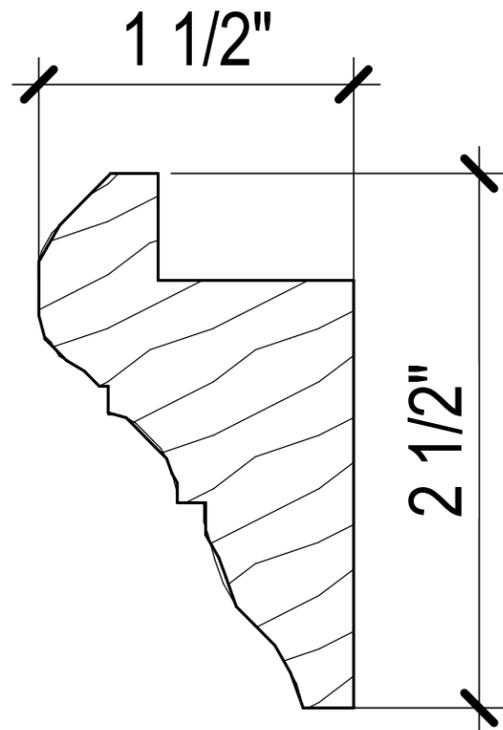


**LX2031FR Wall Wash Cylinder Housing** which includes slash front, accessory cartridge, spread gel (75° x 45°) and kicker reflector

**Other accessories:**

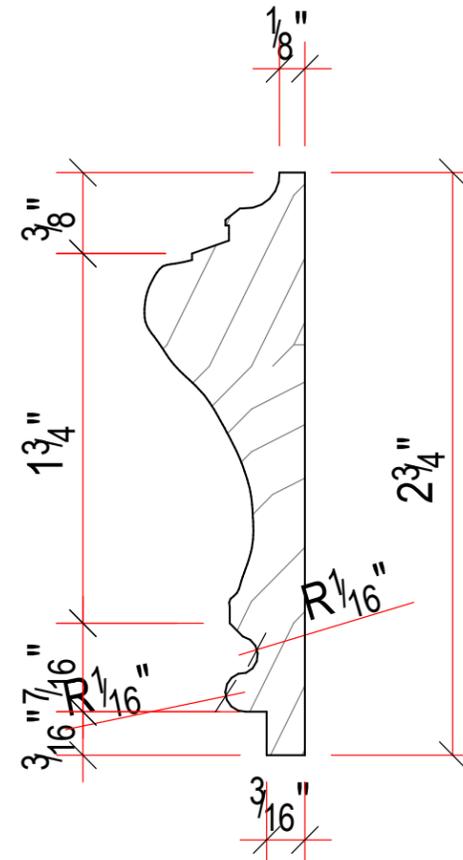
- **LX-S15-REF (54mm/15°)**
- **LX-S40-REF (54mm/40°)**
- **Glass Color Filters AAA**
- **Louver Hex AAA**
- **Spread Lenses AAA990, AAA992, AAA995, AAA996**
- **Beam Softener AAA998**
- **Light Blocking Screens AAA801S, AAA802S, AAA803S**
- **Color and Spread Gels AAA**
- **Backer Ring AAAB**

[Click for complete accessories and descriptions](#)



## PICTURE RAIL (PR)

NOT TO SCALE; FOR  
REFERENCE ONLY. DIMENSIONS  
TO BE VERIFIED IN FIELD



## CHAIR RAIL (CR)

NOT TO SCALE; FOR  
REFERENCE ONLY. DIMENSIONS  
TO BE VERIFIED IN FIELD