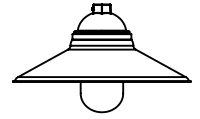# CLEVELAND LED SERIES

JOB NAME: _____ FIXTURE TYPE: _____

BLE - _____ - _____ - _____ - _____ - _____ - _____ - _____ -
       A   **B**   **C**   **D**   **E**   **F**   **G**

_____ - _____ - _____ - LED16.8 - _____
  H   **I**   **J**   **K**   **L**

Order Example: BLE - G - AI16 - 400 - G6 - 400 - NA - DD - TGG - 975 - RIB - LED16.8 - 2700K

A - MOUNTING STYLE

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

B - SHADE SIZE

CLEVELAND:
AI12
AI14
AI16

C - SHADE FINISH

PORCELAIN FINISHES[1]:

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 FINISHES[2]:

100	Black
105	Textured Black
200	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
700	Royal Blue

D - MOUNTING

POWDER COAT FINISHES[2]:

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

CSA LISTED CORD OPTIONS:

SBK	Standard Black
SWH	Standard White
CMG	Grey Cotton
CRZ	Red Chevron
CSB	Black Cloth
CSW	White Cloth
CSR	Red 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 OPTIONS:

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

FLUSH MOUNT OPTIONS:

FM

GOOSENECK OPTIONS:

G1	**G16**
G2	**G17**
G3	**G19**
G4	**G22**
G5	**G24**
G6	**G25**
G7	**G26**
G8	**G32**
G9	**G34**
G10	**G35**
G11	**G36**
G12	**G40**
G13	**G64**
G14	**G65**
G15	

D - MOUNTING (CONTINUED)

STEM MOUNT OPTIONS:

ST506	.5" Stem Mount, 6"
ST512	.5" Stem Mount, 12"
ST518	.5" Stem Mount, 18"
ST524	.5" Stem Mount, 24"
ST536	.5" Stem Mount, 36"
ST548	.5" Stem Mount, 48"
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 and Stem mounting styles. If Porcelain Finish is selected, mounting will be powder coat painted-to-match.*

(I) If Cord Hung [C] or Flush Mount [F] Mounting Style, selection identifies shade top and canopy finish
(II) If Chain Hung [CN] Mounting Style, selection identifies shade top, chain and canopy finish
(III) If Stem Mount [S] Mounting Style, selection identifies shade top, stem and canopy finish

980 Brushed Aluminum

F - CORDS[3]

NA Not Applicable

*Please Note: See **Section D** for all applicable CSA Listed Cord Options for Chain Hung Mounting Style*

G - MOUNTING ACCESSORY

NA	None/Not Applicable
HSC	Hang Straight Canopy[4]
HDSMC	Heavy Duty Stem Mount Canopy[4]
DD	Dusk-to-Dawn Photocell[5]

H - GUARD OPTION

NA	None/No Guard
WGG	Wire Guard
CGG	Standard Cast Guard
TGG	Heavy Duty Cast Guard

I - GUARD FINISH

*Please Note: See **Section C** for all Guard Finish options. If no guard selected in Section H, select NA. If Porcelain Finish selected, guard will be powder coat painted-to-match.*

NA Not Applicable

J - GLASS OPTIONS

FST	Frosted Glass
RIB	Ribbed Glass
BLU	Blue Glass
RED	Red Glass
AMB	Amber Glass
GRN	Green Glass
CCR	Clear Crackle Glass
SMK	Smoke Crackle Glass
HCR	Honey Crackle Glass

K - LIGHT SOURCE

LED16.8 1600 Lumen, 16W LED

L - COLOR TEMPERATURE

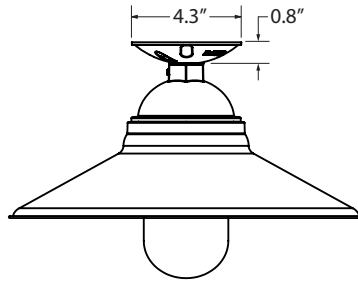|	
2700K	2700K, Warm White
3000K	3000K, Neutral White
3500K	3500K, Bright White
4000K	4000K, Cool White

IMPORTANT: *(1) All Porcelain Enamel finished shades feature a white interior and black outer rim (2) All Powder Coat finished shades, Galvanized excluded, feature a white interior (3) Only applicable if Chain Hung Mounting Style selected in Section A, select NA if another Mounting Style is selected (4) Only applicable if Stem Mount Mounting Style selected in Section A (5) Only applicable if Gooseneck Mounting Style selected in Section A*
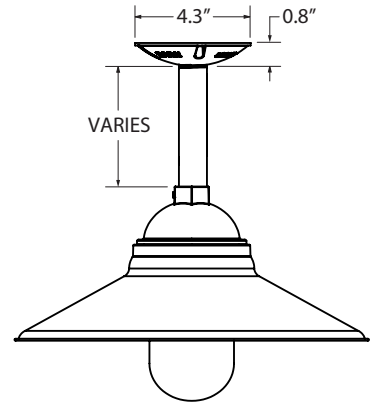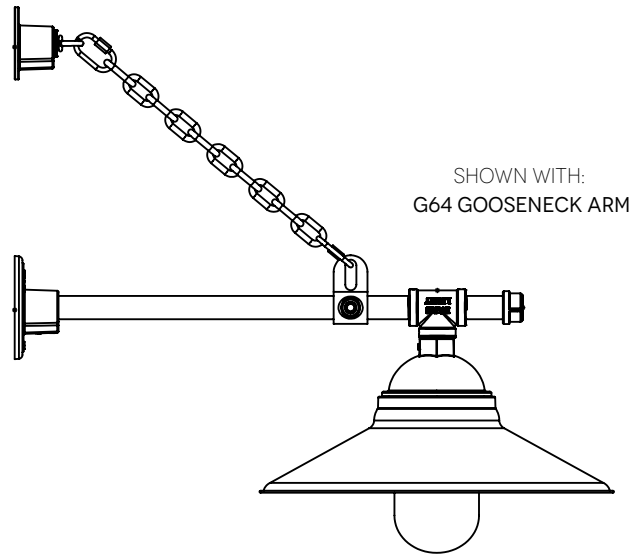
Address: 320 Knox McRae Drive Titusville, FL 32780   Phone: (800) 407-8784   Email: sales@barnlight.com   Website: www.barnlight.com

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MOUNTING STYLE

CHAIN HUNG PENDANT (CN)

5″
1″
VARIES

FLUSH MOUNT (F)

4.3″
0.8″

STEM MOUNT PENDANT (S)

4.3″
0.8″
VARIES

GOOSENECK (G)

SHOWN WITH:
G64 GOOSENECK ARM
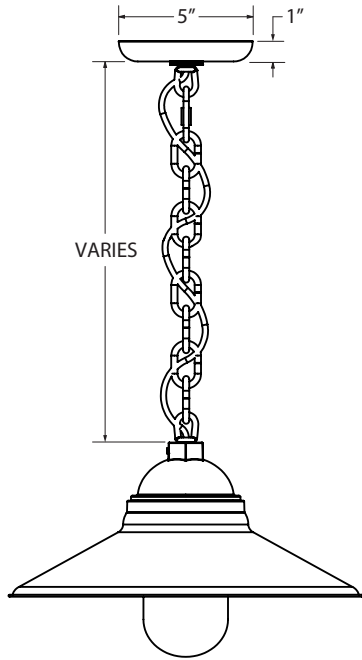
CORD HUNG PENDANT (C)

5″
1″
VARIES
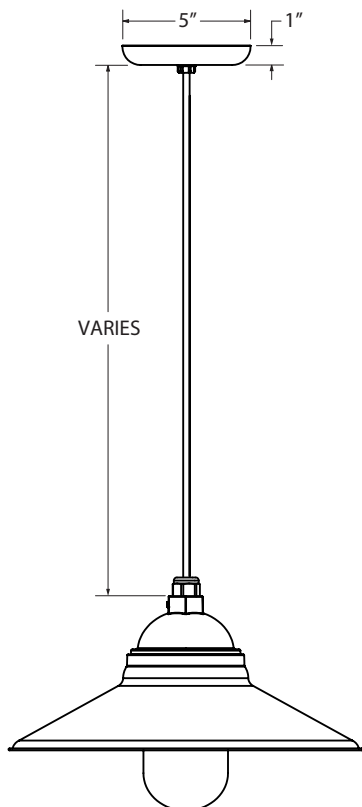
LUMINAIRE DIMENSIONS

A
B
3.3″
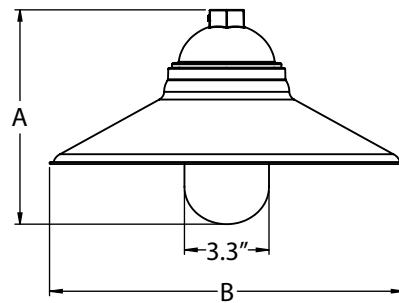
SHADE CODE	HEIGHT (A)	DIAMETER (B)
AI12	10.25″	12″
AI14	10.25″	14″
AI16	10.25″	16″

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SPECIFICATIONS

LED16.8 LIGHT SOURCE

LED TYPE: CREE CXB-2530 COB

INITIAL LUMENS DELIVERED: UP TO 1600 LUMENS

L90 (11K) > 61,000 HOURS.

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

90+ CRI (R9 TYPICAL 60)
80+ CRI and 95+ CRI (R9 Typical 85) Available upon Request

2 STEP MACADAMS ELLIPSE

EFFICACY: UP TO 95 LPW
High Efficacy Available upon Request, Consult Factory for Additional Information

ELECTRICAL/LED DRIVER

DRIVER TYPE: ERP EBR020U-0400-42

DRIVE CURRENT: 400mA

POWER FACTOR > 0.9

EFFICIENCY: UP TO 85% TYPICAL

INPUT VOLTAGE: 120 VAC

CLASS 2 POWER SUPPLY

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

IP20 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

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

DESIGN

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 Cotton Cord, +/- For Socket Orientation

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

MAX FIXTURE WEIGHT
10 lbs

SHADE & FINISHES

POWDER COAT SHADE
Hand-Spun from High Purity 0.050" Thick 3003-O Temper Aluminum

PORCELAIN SHADE
Hand-Spun from 20 Guage Sheet Metal

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

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

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

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