THE ORIGINAL™ INTEGRATED LED SERIES
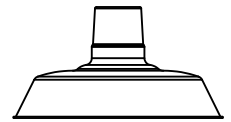
JOB NAME: _____ FIXTURE TYPE: _____

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
G	Gooseneck
S	Stem Mount

B - SHADE SIZE

THE ORIGINAL™:

WHS12[10]	WHS20[1]
WHS14	WHS24[1,2,6,10]
WHS16	WHS28[1,2,6,10]
WHS18	

C - SHADE FINISH

PORCELAIN FINISHES[3]:

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[4]:

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
705	Navy
710	Cobalt Blue
715	Delphite Blue

C - SHADE FINISH (CONTINUED)

POWDER COAT FINISHES[4]:

790	Lavender
800	Industrial Grey
805	Charcoal Granite
810	Graphite
975	Galvanized

NATURAL METALS[8]:

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 OPTIONS:

CN36	3' of Chain[1]
CN48	4' of Chain[1]
CN60	5' of Chain[1]
CN72	6' of Chain[1]

GOOSENECK OPTIONS:

G1[1]	G11[1]	G26[1]
G2[1]	G12[1]	G32
G3[1,11]	G13	G34[1]
G4[11]	G14	G35[1]
G5[1]	G15	G36[1]
G6	G16[1]	G64[1]
G7	G17	G65[1]
G8	G22	
G9	G24	
G10	G25	

D - MOUNTING (CONTINUED)

STEM MOUNT OPTIONS:

ST506	.5" Stem Mount, 6"[1]
ST512	.5" Stem Mount, 12"[1]
ST518	.5" Stem Mount, 18"[1]
ST524	.5" Stem Mount, 24"[1]
ST536	.5" Stem Mount, 36"[1]
ST548	.5" Stem Mount, 48"[1]
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 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 - CORDS[7]

NA	Not Applicable

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

G - SHADE ACCESSORIES

NA	None
WC	Wire Cage[1,12]
ACR	Acrylic Diffuser[5]

H - SHADE ACCESSORY FINISH

*Please Note: See **Section C** for Finish Options. Natural Metals not applicable with Acrylic Diffuser or Wire Cage. 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[1,9]
LDBPC	LED Decorative Backing Plate Cover[13]
LDCHX	LED Decorative Backing Plate Cover & Hex Cover[13]

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[10]

K - COLOR TEMPERATURE

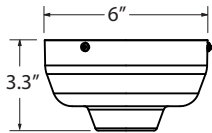|	
2700K	2700K, Warm White
3000K	3000K, Neutral White
3500K	3500K, Bright White
4000K	4000K, Cool White

L - LED LENS

DL	Domed Lens
FL	Flat Lens

IMPORTANT: *(1) Not available in Natural Metals (2) Not available in Porcelain Enamel (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) 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 28" shades (6) Wire Cage not available with select size (7) Only applicable if Chain Hung Mounting Style selected in Section A, select NA if another Mounting Style is selected (8) Natural Metals have a longer estimated manufacturing time, please check the website for exact lead time. There are no returns accepted on Natural Metals (9) Only applicable if Stem Mounting Style is selected in Section A (10) Not available with Acrylic Diffuser shade accessory (11) Not compatible with 16" shade size and larger (12) Wire Cage not available for 24" & 28" shade sizes (13) Not available with G36 Gooseneck option*
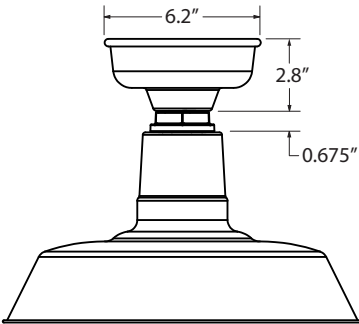
Address: 320 Knox McRae Drive Titusville, FL 32780   Phone: (800) 407-8784   Email: sales@barnlight.com   Website: www.barnlight.com

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MOUNTING STYLE

HIGH LUMEN CANOPY FOR PENDANT & FLUSH MOUNT

6"

3.3"

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

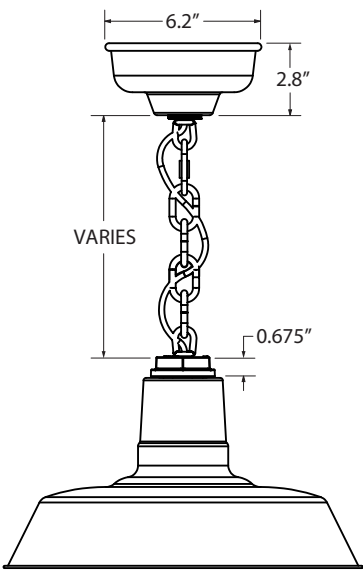### CHAIN HUNG PENDANT (CN)

6.2"

2.8"

VARIES

0.675"

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

CORD HUNG PENDANT (C)

6.2"

2.8"

VARIES

0.675"

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

FLUSH MOUNT (F)

6.2"

2.8"

0.675"

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

STEM MOUNT PENDANT (S)

6.2"

3.8"

VARIES

0.675"

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

GOOSENECK (G)
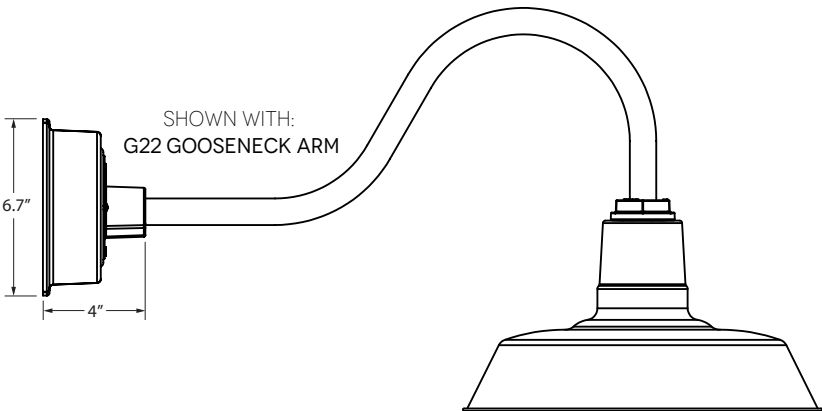
SHOWN WITH: G22 GOOSENECK ARM

6.7"

4"
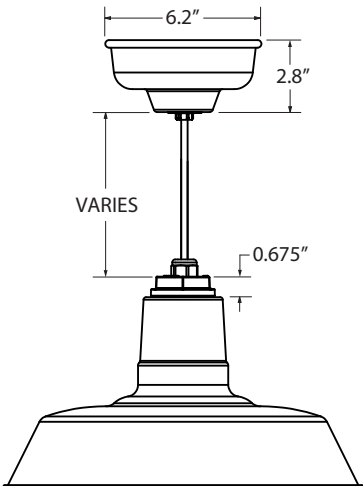
LUMINAIRE DIMENSIONS

A

B
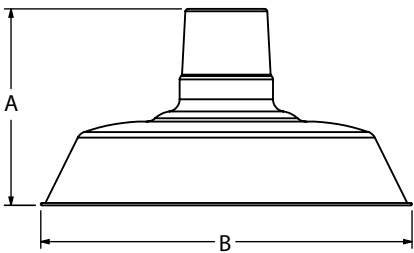
SHADE CODE	HEIGHT (A)	DIAMETER (B)
WHS12	7"	12"
WHS14	7.5"	14"
WHS16	7.75"	16"
WHS18	8.5"	18"
WHS20	9.25"	20"
WHS24	10.75"	24"
WHS28	11"	28"

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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	11		16		27		38		43	
	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
WHS24	FLAT	838	74	1233	77	1968	73	2952	77	3936	91
	DOMED	810	71	1191	74	1877	70	2815	74	3753	87
WHS28	FLAT	840	74	1235	77	1974	73	2961	78	3948	92
	DOMED	811	71	1193	74	1885	70	2828	74	3771	87

*Acrylic Diffuser option reduces lumens delivered and LPW
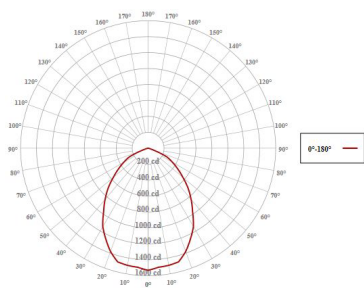
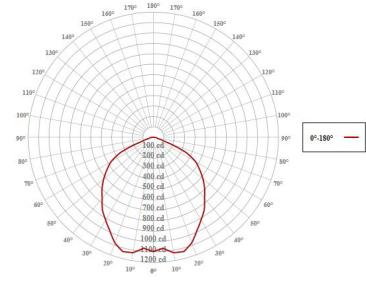## LIGHT DISTRIBUTION

DOMED LENS (DL)
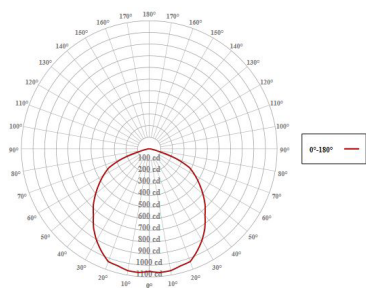
Shown above with 16" Shade (WHS16), White Interior (200-White) and 3000 Lumen (LED38)
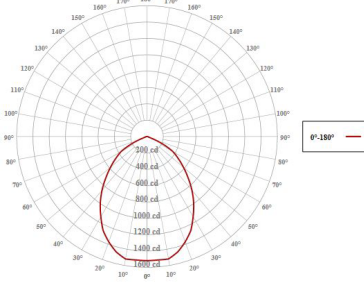
FLAT LENS (FL)

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)

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SPECIFICATIONS

LED 11, 16, 27, 38, 43 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

DIMMING

LED 11 & 16
Triac Dimming at 100-120VAC, Able to Dim down to 5%.
Dependent on Specific Dimmer.
0-10V & ELV Dimming Available upon Request.

LED 27, 38 & 43
0-10V Dimming, Able to Dim down to 10%.
Dependent on Specific Dimmer.
Triac & ELV Dimming Available upon Request.

TRIAC & ELV DIMMING AT 230 VAC
Available by Request

COMPATIBLE DIMMERS
Consult Factory for Additional Information on Dimming

LED 27, 38, 43 ELECTRICAL/LED DRIVER

DRIVER TYPE: LMD400   DRIVE CURRENT: 940mA

POWER FACTOR > 0.95   EFFICIENCY: UP TO 81% TYPICAL

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

CLASS 2 POWER SUPPLY

LED DRIVER LIFETIME: > 50,000 HOURS (@ 25 DEG C AMBIENT)

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 230 VAC

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

CSA LISTED FOR DAMP LOCATIONS
Includes All Chain and Select 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

LED 11, 16 ELECTRICAL/LED DRIVER

DRIVER TYPE: LMD125

DRIVE CURRENT: 440mA

POWER FACTOR > 0.9

EFFICIENCY: UP TO 81% TYPICAL

INPUT VOLTAGE: 100–120 VAC (SEE DIMMING SECTION)

CLASS 2 POWER SUPPLY

LED DRIVER LIFETIME: > 50,000 HOURS (@ 25 DEG C AMBIENT)

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 230 VAC

SHADE & FINISHES

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

PORCELAIN SHADE
Hand-Spun from 20 Gauge 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

COPPER
Hand-Spun from High Purity .032 Thick C11000-O60 ETP Copper

BRASS
Hand-Spun from High Purity .050" Thick C2600-O60 Brass

MOUNTING

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

MAX FIXTURE WEIGHT
10 lbs

Address: 320 Knox McRae Drive Titusville, FL 32780   Phone: (800) 407-8784   Email: sales@barnlight.com   Website: www.barnlight.com

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