

DATE: _____ PROJECT: _____ TYPE: _____

CATALOG NUMBER LOGIC:



**Accommodates up to 2 lens/shielding/cap media.
Price reflects per fixture cost.*

CATALOG NUMBER LOGIC

Example: PTR - 4 - 26 - DE - LED - TR - C22 - SP - BZW - 12 - 11 - B - DMX - ER - MT

MATERIAL

Aluminum

SERIES

PTR - Palm Tree Ring

FIXTURE QUANTITY

2 - 2 @ 180° 3 - 3 @ 120° 4 - 4 @ 90° 6 - 6 @ 60°

STRAP SIZES

16 - 16" min. to 22" max. tree diameter

21 - 21" min. to 27" max. tree diameter

26 - 26" min. to 32" max. tree diameter

31 - 31" min. to 38" max. tree diameter

FIXTURE

DE - Denali Series

SOURCE

LED - with Color Tuning Technology

HOUSING

TR - Integral Driver

LED TYPE

C22 - 20W LED/1650-8000K+ (Bluetooth Installation) with DMX

OPTICS

SP - Spot (20°) F - Flood (40°) WFL - Wide Flood (60°)

FINISH (See page 2 for full-color swatches)

Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)

Premium Finish (ABP, AMG, AQW, BCM, BGE, BPP, CAP, CMG, CRM, HUG, NBP, OCP, RMG, SDS, SMG, TXF, WCP, WIR)

Also available in RAL Finishes

LENS TYPE*

9 - Clear (Standard)

10 - Spread Lens (per fixture) 12 - Soft Focus (per fixture) 13 - Rectilinear (per fixture)

SHIELDING*

11 - Honeycomb Baffle

CAP STYLE*

A - 45° (per fixture)

B - 90° (per fixture)

C - Flush

CONTROL

DMX - DMX Control

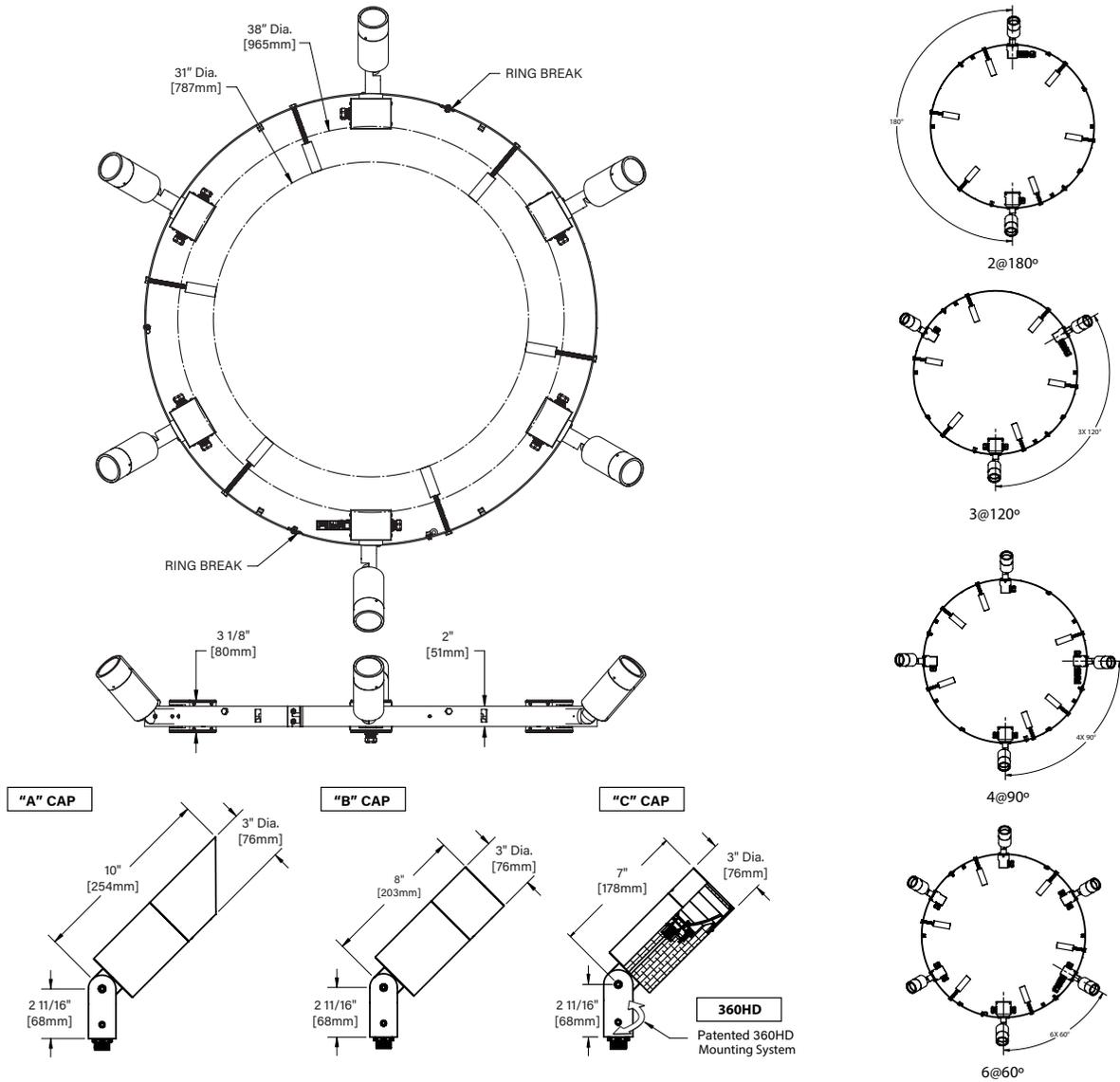
DMX END RUN

ER - DMX End Run (End Run required per loop)

INPUT VOLTAGE

MT - 120-277 VAC Input

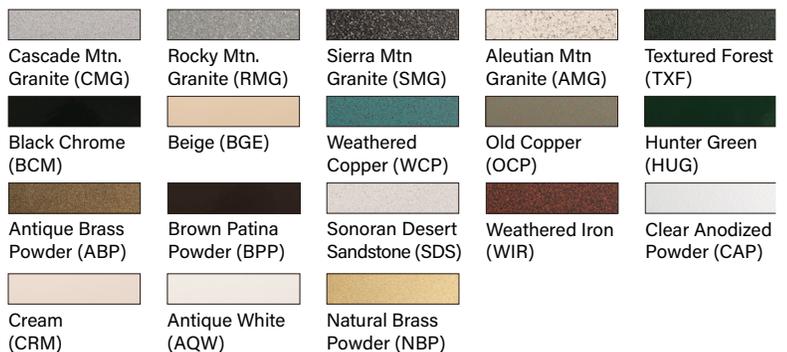
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STANDARD FINISHES



PREMIUM FINISHES



[Click Here](#) to view larger, full-color swatches of all available finishes on our website.

| | | |
|-------|----------|-------|
| DATE: | PROJECT: | TYPE: |
|-------|----------|-------|

ACCESSORIES (Configure separately)

SPECIFICATIONS

| | | |
|-------------------------|---|--|
| ELECTRICAL | WATTAGE | 20W ED |
| | DMX515 CONTROLLER | iOS app DMX512 Controller must be RDM-enabled with RDM compatible fixtures or with Inspiration. 32 fixtures maximum in a daisy-chain wire run, which include the controller and opto-splitter. When using DMX splitters, these will also need to be RDM-enabled and compliant. Final device in the daisy-chain must be terminated with a 120-ohm resistor between DMX+ and DMX- pins (Factory Installed). A universe is 512 channels. Max. non-RDM wire run is 1600 feet. Max RDM wire run is 1000 feet. All wiring must be a continuous run and daisy-chained. When addressing fixtures do not skip addresses. |
| | BLUETOOTH CONNECTIVITY REQUIREMENTS | iOS® device (by Others) with installed Inspiration Control System App is required for Bluetooth® Wireless Control. Bluetooth® version 4.0 or higher required. iOS Devices with Bluetooth® version 4.0 or higher include: iPhone® (4S or newer); iPad® (3rd generation iPad or newer); iPad mini®; iPad Air®; iPod® (iPod touch® 5th generation or newer). App available at the Apple App® Store. Wireless control up to 5 feet. |
| | WIRING | Fixture factory pre-wired with SEOOW16/3GA,105C,600V & DMX512, Shielded cable,24AWG Stranded TC Nylon Cord Grip for primary wiring from power line. (Primary wiring by Others.) Min. Cable Dia .230" Max. Cable Dia .546" |
| | DRIVER | [1] 1.75A, Class A (Sound), Class II (Isolation) driver. 120VAC (nominal) primary input voltage. 50/60Hz. >0.90 Power Factor, <20% THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection. |
| PHYSICAL | MATERIALS | Palm Tree Ring - 1/8" thick AISI 304 stainless steel. Fixture - copper-free aluminum (6061-T6). |
| | BODY | Unibody design is fully machined from solid billet and provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone 'O' Ring provides water-tight seal. Anti-condensation and corrosion vent equalizes fixture pressure and eliminates potential for damage to internal components. |
| | KNUCKLE | Patented 360HD mounting system features a mechanical taperlock, which allows a full 180° vertical adjustment without the use of aim-limiting serrated teeth. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lbs. static load prior to movement to ensure decades of optical alignment. Biaxial source control additionally provides 360° horizontal rotation in addition to vertical adjustment. Aim & Lock technology allows precision adjustment without the redundant tightening and loosening of knuckle screw. |
| | CAP | Fully machined and accommodates two (2) lens or louver media. |
| | LENS | Shock-resistant, tempered glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. |
| | LED | Integrated solid state system and modular design with electrical quick disconnects is scalable for field upgrade and maintenance. Minimum 50,000 hour rated life at 70% of initial lumens (L70). LED technology provides long life, significant energy reduction and exceptional thermal management. LM-80 certified. Minimum 50,000 hour rated life at 70% of initial lumens (L70). |
| | OPTICS | Interchangeable, color-coded OPTIKIT modules permit field changes to optical distribution. |
| | HARDWARE | Tamper-resistant, stainless steel hardware. LOCK aiming screw is black oxide treated for additional corrosion resistance. |
| | FINISH | StarGuard, our 15-stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating and is RoHS compliant. Powder coat or metal finish options available for brass material and metal finish option only for stainless steel material. |
| WARRANTY | 5-year limited warranty. | |
| CERTIFICATION & LISTING | ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHS compliant. Suitable for indoor or outdoor use and in wet locations. IP66 Rated. Made in the USA with sustainable processes. | |



B-K LIGHTING

MADE IN THE USA

559.438.5800 | INFO@BKLIGHTING.COM | BKLIGHTING.COM

LAMP & DRIVER DATA (C22)

DATE:

PROJECT:

TYPE:

DRIVER ELECTRICAL DATA

| Type | AC Input Range | Frequency Hz | Power Factor At Full Load (Efficiency) | THD | InRush Current | Operating Current | Operation Ambient Temperature | Dimmer Type | Dimmer Range |
|------|----------------|--------------|--|-----|----------------|-------------------|-------------------------------|----------------|--------------|
| - | 120-277 | 50/60 | > 0.9 | - | - | - | -30° C ~ 90°C | 0-10/BT/Hybrid | n/a |

LM79 DATA

L70 DATA

OPTICAL DATA

| BK No. | CCT (Typ.) | CRI (Typ.) | Input Watts (Typ.) | Minimum Rated Life (hrs.) 70% of initial lumens (L ₇₀) | Angle | CBCP | Delivered Lumens |
|--------|------------|------------|--------------------|--|-------------|--------|------------------|
| C22 | 2700K | 90+ | 20W | 50,000 | 46.4 x 26.4 | 1183.7 | 580.2 |
| | 2700K | 90+ | 20W | 50,000 | 20° | 2657.1 | 694.0 |
| | 2700K | 90+ | 20W | 50,000 | 40° | 1515.0 | 782.8 |
| | 2700K | 90+ | 20W | 50,000 | 60° | 1055.8 | 722.7 |
| C22 | 3000K | 90+ | 20W | 50,000 | 46.4 x 26.4 | 1117.4 | 547.6 |
| | 3000K | 90+ | 20W | 50,000 | 20° | 2508.1 | 655.1 |
| | 3000K | 90+ | 20W | 50,000 | 40° | 1430.1 | 738.9 |
| | 3000K | 90+ | 20W | 50,000 | 60° | 986.8 | 682.2 |
| C22 | 4000K | 90+ | 20W | 50,000 | 46.4 x 26.4 | 1106.3 | 542.2 |
| | 4000K | 90+ | 20W | 50,000 | 20° | 2483.3 | 648.6 |
| | 4000K | 90+ | 20W | 50,000 | 40° | 1415.9 | 731.6 |
| | 4000K | 90+ | 20W | 50,000 | 60° | 977.0 | 675.4 |

NOTE: Full CCT Range 1650K - 8000K

OPTICS

| Optic | Angle |
|-----------------|-------------|
| Spot w/ 13 Accy | 46.4 x 26.4 |
| Spot | 20° |
| Flood | 40° |
| Wide Flood | 60° |



Bluetooth® Connectivity Requirements

iOS® device (by Others) with installed Inspiration Control System App is required for Bluetooth® Wireless Control. Bluetooth® version 4.0 or higher required. iOS Devices with Bluetooth® version 4.0 or higher include: iPhone® (4S or newer); iPad® (3rd generation iPad or newer); iPad mini®; iPad Air®; iPod® (iPod touch® 5th generation or newer).

0-10V Wired Control

For 0-10V industry wired installations, iOS device may also be utilized to select a single color point off the Planckian curve for dynamic full color output with the remaining functions enabled by the 0-10V controls. [2] two sets of control wires wired direct to the fixture.

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04/22/2020
SUB-2409-01