

LIGHTING DESIGN

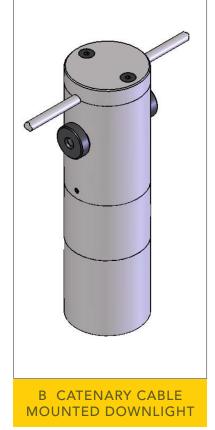
29th St. Pedestrian Bridge

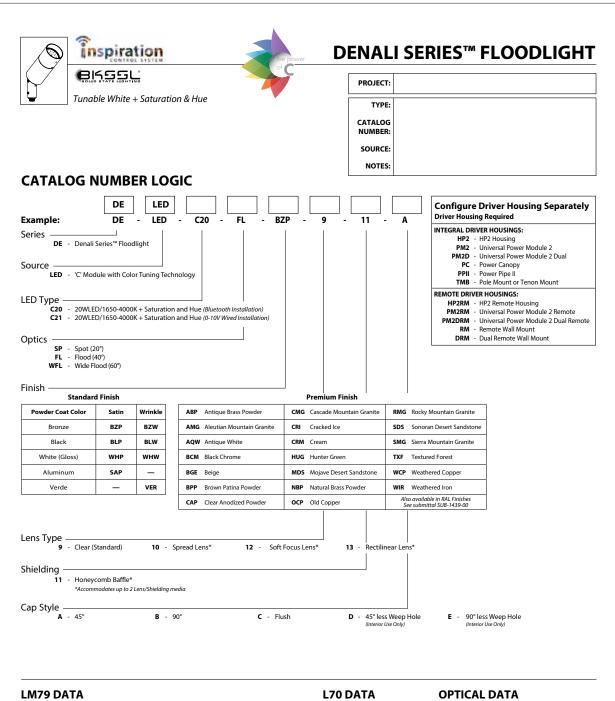
NOVEMBER 8, 2017







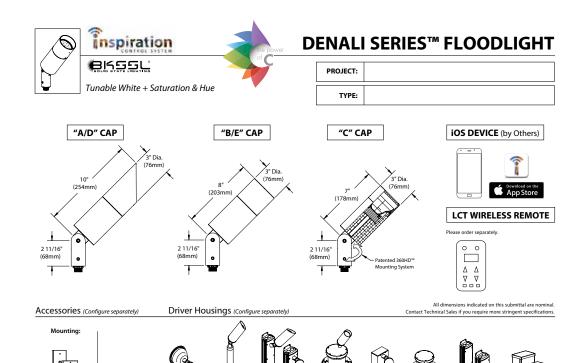




LM7	9 DAT	Ά		L70 DATA OPTICAL DATA					
BK No.	Lumens (Source)	CCT (Typ.)	CRI (Ra. @3000K)	CRI (R9@3000K)	Input Watts (Varies through tunable range)	Minimum Rated Life (hrs.) 70% of initial lumens (L ₇₀)	Beam Type	Angle	C20/C21 @4000k CBCP
C20	1200	1650-4000K	90	90K	20W	50,000	Spot	20°	2667
C21	1200	1650-4000K	90	90K	20W	50,000	Flood	40°	1168
							Wide Flood	60°	891

	40429 Brickyard Drive • Madera, CA 93636 • USA	RELEASED	DRAWING NUMBER
B-K LIGHTING	559.438.5800 • FAX 559.438.5900 www.bklighting.com • info@bklighting.com	08-24-16	SUB-2409-00

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SPECIFICATIONS

Canopies

GreenSource Initiative™
Metal and packaging components are made from recycled materials.
Manufactured using renewable solar energy, produced on site.
Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Materials Furnished in Copper-Free Aluminum (Type 6061-T6).

BodyFully machined. Unibody design provides enclosed, water-proof wireway. High temperature, silicone 'O' Ring provides water-tight seal.

KnucklePatented 360HD™ Mounting System features a mechanical taper-lock, which allows a full 180° vertical adjustment without the use of serrated teeth, which inherently limit aiming. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture nosition. Design withstands 73 lb. static load prior to movement to ensure position. Jessign withstantos 73 to. Static Goad prior to moverhient to ensure decades of optical alignment. VF pipe thread for mounting. Biaxial source control additionally provides 360° horizontal rotation in addition to vertical adjustment. Vim-And-Lock Technology allows precision adjustment without the redundant tightening and loosening of knuckle screw.

CapFully machined. Accommodates [2] lens or louver media. Choose from 45° cutoff ('A' or 'D'), 1" deep bezel with 90° cutoff ('B' or 'E') or flush lens ('C') cap styles. 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole and are for interior use only.

Shock resistant, tempered, translucent glass lens is factory adhered to faceplate and provides hermetically sealed optical compartment.

design with electrical quick disconnects permit field maintenance. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.

Tunable White

Dynamically controlled, close tolerance system replicates a wide

Saturation and Hue
Provides additional flexibility to add varying levels of saturation and hue
to a chosen fixed color point off the Planckian curve. Once a CCT value
is selected, the saturation function allows movement away from the black body curve toward fully saturated color in 1% increments. The Hue function permits further refinement by circulating around the chosen color point in 1% increments. Saturation and hue requires the use of a hand-held, wireless light commissioning tool, specified separately.

Inspiration (Bluetooth* Wireless Technology)
Wireless Communication system creates dynamic lumen response at the individual fixture. Indexed (100% to 5% non.) lumen output. Maintains output at desired level or may be changed as conditions require via exclusive mobile application. App available at the Apple Tunes* Store. CCT modulation between 1650k through 4000k. Full saturation and lux control anables selection of anxistone long unit off the Plandrian. hue control enables selection of any single color point off the Planckian curve for dynamic full color output. A copy/paste function permits replication of the current selection to other modules within the wireless network. Wireless control up to 5 feet.

Bluetooth* Connectivity Requirements
iOS* device (by Others) with installed Inspiration Control System App
is required for Bluebooth* Wireless Control. Bluetooth* version 4.0 or
higher required. iOS Devices with Bluetooth* version 4.0 or higher
include: Pibnoe* (45 or news); !Pad* (3rd generation iPad or newer);
iPad mini*; iPad Air*; iPod* (iPod touch* Sth generation or newer).

O-10V Wired Control
Requires [2] two sets of 0-10V industry wired controls. One 0-10V control provides CCT modulation between 1650K through 4000K in 1% increments. The second 0-10V control enables 5-100% dimming in 1% increments. [2] two sets of control wires wired direct to the fixture.

Light Commissioning Tool
Requires hand-held, wireless light commissioning tool, specified
separately. Remote operates at 2.4G/sc. Detects all fixtures within range
of its wireless network (approx. 10m range). Permits individual onloft
control, 5-100% dimming 1¹⁶% increments). CIT modulation between
1650K through 4000K Full saturation and hue control enables selection
of seve inspect colors exit of the Distortion come for America full of any single color point off the Planckian curve for dynamic full color output. A copy/paste function permits replication of the current selection to other modules within the wireless network.

Hybrid Control

For 0-10V industry wired installations, the Light Commissioning Tool
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

Remote DriverFor use with remote LED Driver. See remote driver submittal(s) to determine remote distance and wiring requirements prior to detailing field installation of any remote wiring.

Interchangeable OPTIKIT™ modules permit field changes to optical distribution.

Water Management
Patented Anti-Condensation Valve (ACV™) vacuum seals optical

Wiring
Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard. Leads extend 6" beyond knuckle Hardware

Tamper-resistant, stainless steel hardware. 360HD™ hardware is additionally black oxide treated for maximum corrosion resistance. Finish

process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating.

Certification and Listing
ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI
Standards C2.2. No. 50. RoHs compliant. Suitable for use in wet
locations. Additionally suitable for installation within 4" of the ground.
IP66 Suitable for ground-mounted recessed. Made in USA.



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