ADVANTAGE ENVIRONMENTAL LIGHTING

MADE IN THE USA

CATALOG #:

PROJECT:

TYPE:

BRND2 ROUND CEILING TROFFER

BEHAVIORAL HEALTH + VANDAL PROOF

Our BRND2 is 2′ or 4′ in diameter architectural quality lighting option with a round lens and a square body. Featuring a full backlit LED array and high diffusion lens, this light provides a uniformly-lit appearance. Also has continuous lens retention and tamper-resistant fasteners for ligature prevention and increased security. Standard IP64 and NSF2 rating. Suitable for recessed drywall/hard ceilings with minimal plenum ingress. Comes standard as a single-function light, but also available with an optional night light and low-voltage controller (LVC).

HOUSING: Quality fabricated 20ga cold rolled steel housing with white TGIC polyester powder-coat finish and a five-stage pre-treatment. Roll-formed and welded aluminum extruded collar for door attachment.

DOOR ASSEMBLY: Roll-formed and butt-welded 6063-T5 extruded aluminum with TGIC polyester powder-coat finish in selected color, with five-stage pre-treatment. Secured to housing with flush-mounted, color-matched and tamper-resistant Torx fasteners. Closed cell silicone gasketing seals doorframe to housing. Comes standard with a high-efficiency diffused, impact-resistant acrylic inner lens with outer .250" clear polycarbonate lens. Continuous lens retention with door frame.

LED MODULE: Serviceable mid-power LED array. Standard 80CRI min. Optional night light in 590nm native amber or 2700K, 80CRI white.

DRIVER: 120-277VAC or 347VAC, 50/60Hz electrical input with serviceable constant-current driver (<20% THD, >0.90 PF). Standard 0-10V dimming with 1-100% range and dim-to-dark capabilities (non dim-to-dark with 347V); maximum 165 µA maximum source current.

CONTROLS: Optional LVC provides a low-voltage patient interface, controlling the lamp source and optional night light with and without dimming control.

INSTALLATION: Suitable for Type-IC recessed ceiling installation into drywall ceilings up to 5/8" thick. External brackets on housing secure luminaire to ceiling structure (mounting hardware by others).

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. ETL listed.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at **www.aelnow.com/warranty**.

ORDERING INFORMATION ON NEXT PAGE ►

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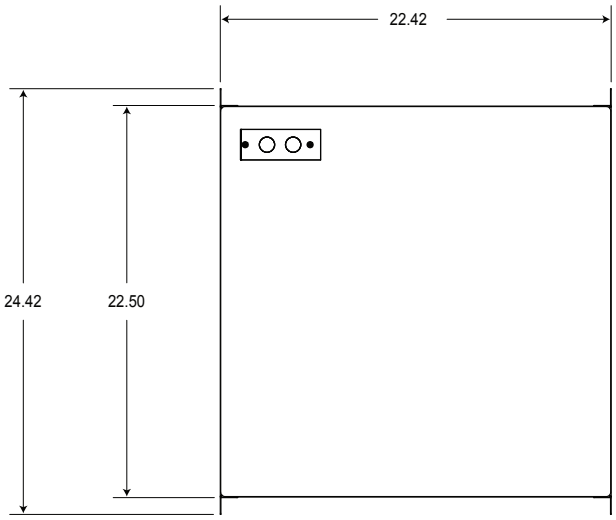
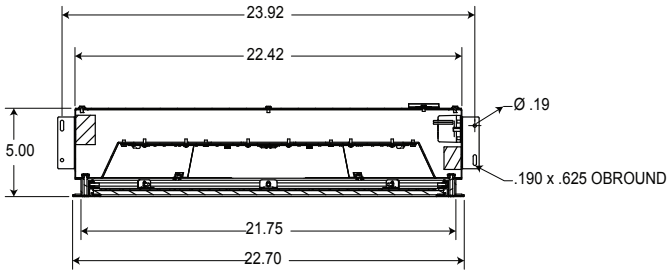
Example: BRND2-40-38-250P-M-CS-THS

SERIES	SIZE	COLOR TEMP	OUTPUT	LENS	VOLTAGE
BRND2	2 24"x24"	30 3000K	28 28 Watt LED (appox. 3150 Lumens)	250P .250 Clear Polycarbonate	M Multi-Volt (120-277VAC)
	4 48"x48"	35 3500K	38 38 Watt LED (appox. 4,300 Lumens)		H 347-480VAC
		40 4000K	48 48 Watt LED (appox. 5,200 Lumens)		
		50 5000K	62 62 Watt LED (appox. 6,600 Lumens)		

Lumens shown at 3000K

FINISH	DRIVERS	OPTIONS
AMW Anti-Microbial Gloss White	DIM1 0-10V Dimming to 1% with Dim-to-Dark	10EBL Integral 10W Emergency Battery Backup
AMMW Anti-Microbial Matte White	DALI* DALI Dimming to 1% without Dim-to-Dark	FZ Fuse Holder
CS Cool Satin Painted Anodized		LVC Low Voltage Controller (with dimming capabilities)
WS Warm Satin Painted Anodized		LVCD* Low Voltage Controller with Dimming (click here for specifications, DIM1 only)
		NL 2700K White LED Night Light
		NLA Amber LED Night Light

* n/a with 347V

DIMENSIONS