PROJECT INFORMATION				
	Job Name		Catalog Number	
	Fixture Type		Approved by	

MEDMASTER KUE™

Task Light for Healthcare Spaces



BHSH SERIES

PRODUCT FEATURES:

- Wall-mounted, vertically-oriented task light designed for behavioral health and healthcare applications
- Durable, one-piece die-cast aluminum outer housing with obscured, tamper-resistant mounting hardware
- On/Off and intensity control either via capacitive touch or external 0-10V dimmer
- Integral or remote driver configurations
- 90CRI standard with narrow and wide distribution options
- IK10+ impact, NSF2 and IP65 ingress-protection ratings
- ADA compliant

SPECIFICATIONS

HOUSING: One-piece, die-cast aluminum outer housing. TGIC polyester powder coat finish with five-stage pre-treatment. Standard anti-microbial matte white finish. See Ordering Information for optional finishes, including custom color in any RAL number.

MOUNTING PLATE: Die-cast aluminum with mounting detail for attachment of housing and installation to wall.

OPTICS: Diffused .250" polycarbonate lens with outer surface installed flush with exterior surface of housing. Continuous circumferential seal and retention to housing. Available optical distributions in narrow focused (F) and wide beam / lambertian (W) patterns.

LED MODULE: Serviceable high-power LED. Standard 90CRI min. (R9 > 50). See Ordering Information for standard color temperature options. Consult factory for custom lamp color availability.

DRIVER/CONTROL: Available with 120-277VAC, 50/60Hz or 24VDC input configurations. Remote power supply accessory allows for powering multiple units from central source. The product can be built with external 0-10V dimming or integral capacitive touch dimming at the housing surface. 0-10V dimming has 1-100% range with dim-to-dark capabilities and follows a logarithmic dimming curve. If ordered with capacitive touch, then step dimming increments are 100% / 33% / 10% / 0%. Luminaire with capacitive touch control tested to 10V/m of Radiated Susceptibility according to IEC 61000-4-3.

INSTALLATION: Standard installation requires the mounting plate to be mounted to a vertically oriented NEMA single-gang junction box (supplied by others). High-abuse and High-risk Behavioral Health applications should be ordered with the Reinforced Mounting Hardware Kit (HD) allowing for direct attachment to the wall structure through the junction box. Housing assembly attaches to mounting plate with upper hook and two (2) 8-32 counter-sunk tamper-resistant Torx® fasteners.

PHOTOMETRICS: Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to www.kenall.com.

WARRANTY: Limited five (5) year LED warranty.

LISTINGS: Luminaire is certified to UL standards by Intertek Testing Laboratory for Indoor Wet Location installations. IP65 rating to IEC60598. Remote driver accessory is UL and CUL Listed Class P. NSF2 Splash/Non-Food Zone. ADA Compliant. Luminaire tested to an IK10 impact protection rating per IEC 60068-2-75:1997-08.

LED NSF ADA c ETL US IP65 IK10

ORDERING INFORMATION (Ex:BHSH-MW-F-SO-27K9-TD-24V-HD-PS96)

Model	Finish Type	Optic Type	Light Output	Lamp Color	Control Type	Input Voltage	Options	Accessories
BHSH			**SO**					

Finish Type
MW Antimicrobial Matte White
LG Light Gray
BR Bronze
CS Cool Satin Painted Anodized
WS Warm Satin Painted Anodized
CC Custom Color (Consult Factory)

Optic Type
F Focused Beam
W Wide Beam / Diffuse

Light Output
SO Standard Output

Lamp Color
27K9 2700K / 90CRI min.
30K9 3000K / 90CRI min.
35K9 3500K / 90CRI min.

Control Type
DIM1 0-10V Dimming to 1% via External Dimmer
TD Integral / Capacitive Touch Dim (100%/33%/10%/0%)

Input Voltage
DV 120-277VAC, 50/60Hz (Integral Driver)
24V 24VDC (Remote Driver)

Options
HD Reinforced Mounting Hardware Kit (for High Abuse / Behavioral Health applications)

Accessory
PS96 96W Remote-Mounted Power Supply (120-277VAC input, 24VDC output for use with '24V' input voltage models, UL Listed, load range 1-12 units)

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Task Light for Healthcare Spaces

BHSH SERIES
PERFORMANCE

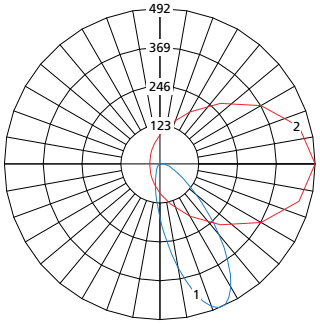
Model	Light Output	Lamp Color	Delivered Lumens, By Optic Type (lm)		Input Power[1] (W)	Color Rendering Index		TM-30 Color Quality[2]		Reported TM-21 L_{70}/L_{90} Hours
			Focused - F	Wide - W		Ra	R9	Rf	Rg	
BHSH	SO	27K9	301	227	6.6	91	51	91	97	88,000 hrs / 25,000 hrs
		30K9	325	245		91	50	90	96	
		35K9	332	251		94	65	91	98	

[1]Input power at full output (DIM1 @ 277VAC). Input power at step-dim settings 3.3W (33%), 1.9W (10%).

[2]TM-30 Reports available upon request.

Information is subject to change. Visit www.kenall.com for IES files and additional information.

Model: BHSH-s-F-SO-30K9-w-x-y-z

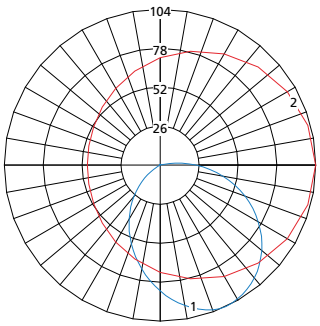


Max Candela = 492 Located At Horizontal Angle = 0, Vertical Angle = 22.5

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (22.5) (Through Max. Cd.)

Model: BHSH-s-W-SO-30K9-w-x-y-z

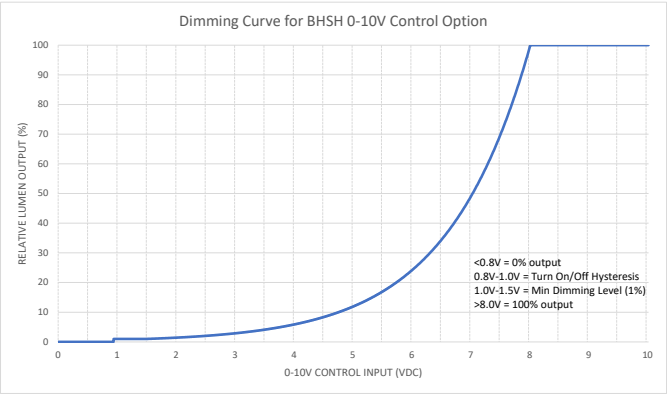


Max Candela = 104 Located At Horizontal Angle = 0, Vertical Angle = 25

1 - Vertical Plane Through Horizontal Angles (0- 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)

Electrical Characteristics (per Unit, 100% Output)			
Input Voltage	120 VAC (DV)	277 VAC (DV)	24 VDC
Input Current (mA)	94	63	223
Input Power (W)	6.6	6.6	5.4
PF	0.551	0.380	n/a



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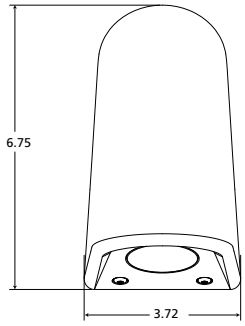
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Task Light for Healthcare Spaces

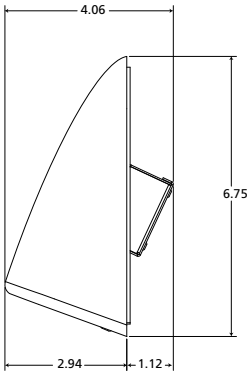
BHSH SERIES

DIMENSIONAL DATA

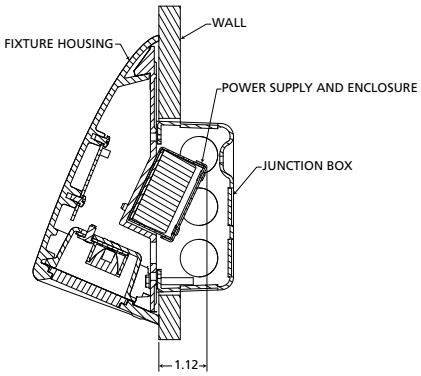
FRONT VIEW



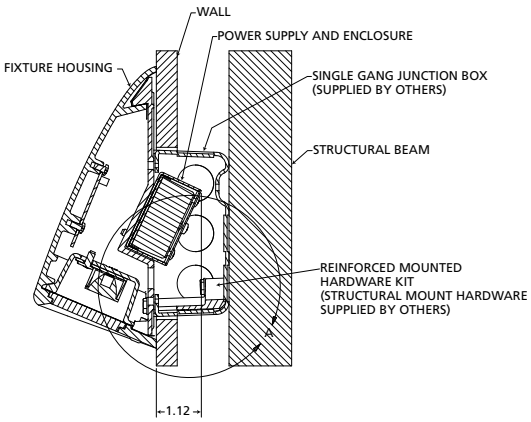
SIDE VIEW



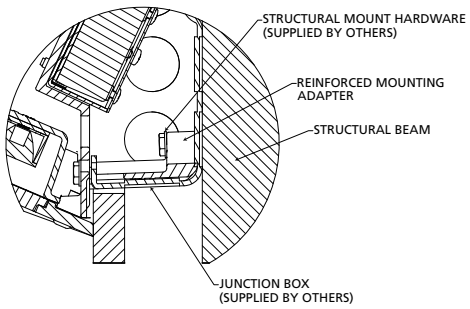
WALL SECTION VIEW



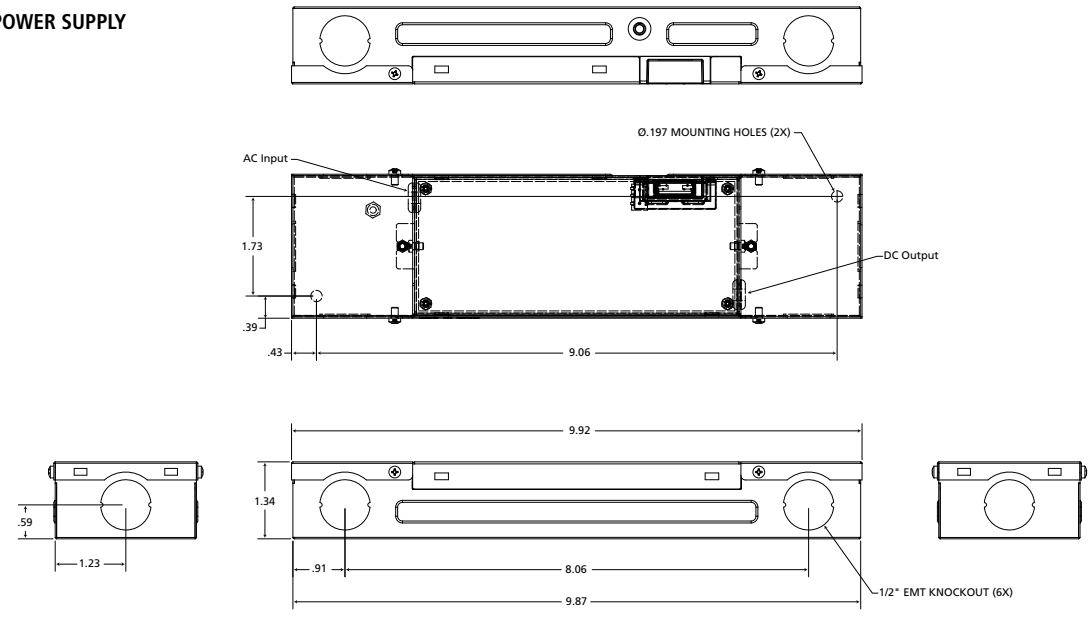
REINFORCED MOUNTING HARDWARE KIT



DETAIL VIEW A



ACCESSORY POWER SUPPLY



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