

PROJECT: _____

TYPE: _____

PRODUCT: _____

APPROVED BY: _____

PRODUCT FEATURES

- Intended for Healthcare Settings, Alternative Care Facilities, Patient Rooms, Skilled Nursing, Hospitals, and more
- Multi-Function headwall patient room fixture provides up/down lighting for ambient, exam and reading functions
- Available in 2ft or 4ft lengths
- Aluminum construction. Antimicrobial finish standard
- Fixture is certified to UL standards by Intertek Testing Laboratory for damp locations
- This product was Made in America and complies with the Buy American Act, and the Build America Buy America Act



MHS Series

ORDERING INFORMATION

Example: MHS2-HA-WE-LB35-2C-A-UN-DM1



MHS		HA			
Series	Size* 2 = 2ft 4 = 4ft *Nominal Size. Dimensional Data on Page 2.	Housing HA = 16Ga. Alum. Painted	Endcaps WE = Welded Flat Endcaps	Lumen Output* LA = 1 Up/1 Down LB = 1 Up/2 Down LC = 2 Up/2 Down LD = 2 Up/1 Down LF = 3 Up/3 Down** LG = 1 Up/3 Down** LH = 3 Up/2 Down** *Subject to change. Performance data on Page 3. **N/A with MHS2.	Color Temp. 35 = 3500K 40 = 4000K 50 = 5000K TW1 = Tunable White 2700K to 5000K TW2 = Tunable White 2700K to 6500K *Selected CCT will be the same for both ambient and exam functions. **Available for ambient function

Circuits 1C = 1 Circuit 2C = 2 Circuits* *Recommended. Select 2C for Up/Down compartments to be independently circuited/controlled. Not available with LV2 and LV3.	Lens A = .125 Prismatic Acrylic LC3 = .125 White Frosted Poly.	Voltage 12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V)	Driver Type DM1 = 0-10V Dimming to 1% Tunable White Driver*: DALI8 = 1-Channel TWO = 2-Channel 0-10V *Allows for Inboard/Outboard control.	Options FZ1 = Fuse (120V) FZ2 = Fuse (277V) EL1 = Emerg. Bat. LED Low (10W)* EL2 = Emerg. Bat. LED High (20W)* RF = (RIF) Radio Interference Filter TH = Tamper-resistant Torx® head fasteners LV2 = On/Off Curbell Low Voltage Controller** LV3 = Dimming Curbell Low Voltage Controller** PW = Pull Chain Switch 4-position (120V)*** SPB = 6ft SaniPull Vinyl Ribbon for Pull Switch (Blue) SPR = 6ft SaniPull Vinyl Ribbon for Pull Switch (Red) LN = LED Night Light* RS = Rocker Switch *Consult factory for CA Title 24 options. If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity. ** Illuminates "Down" compartment with integral test switch. ***Up compartment and down compartment will be on same LVC but controlled separately unless otherwise specified. LV2 is non-dimming with on/off function only. Must specify voltage. LV3 has dimming capabilities for both compartments. N/A with emergency battery. Controls/accessories by others. ****Pull Chain is 1 circuit only. N/A with LV2/LV3. *3500K non-dimming Night Light with integrated switch allows light levels at 100%, 70%,40% and 10%. Located in "Down" compartment.
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SPECIFICATIONS

HOUSING: 16-Gauge formed aluminum housing seamed welded and ground smooth.

LENS: .125" Prismatic acrylic or white frosted polycarbonate for maximum diffusion.

LED: Available in three color temperatures 3500K, 4000K and 5000K with maximum 3-step MacAdam variation allowance. Tunable White also available, from 2700K - 5000K or 2700K- 6500K. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature, compliant with IES LM-80 testing standards.

ELECTRICAL: 120-277VAC or 347VAC 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.90 PF). Each function is independently circuited for individual control. Standard 0-10V dimming with 1-100% range for ambient and reading functions. Step-Dimming options available.

OPTIONAL TW DRIVERS:

DALI8- DALI Type 8 (One DALI Address)

TWO- Two Channel 0-10V dimming; one channel for brightness, one channel for CCT

LOW VOLTAGE CONTROL: Up and Down compartments will be on one controller, but controlled separately. Two Low Voltage Control (LVC) options; Voltage-specific LV2 controls ambient and reading functions without dimming (on/off function only). LV3 option controls ambient function with dimming, reading is non-dimming (on/off). With either LVC option, Exam and Night Light are on separate line voltage circuits. One low voltage controller per pair is recommended. Leads are factory labeled for field installation. Controls and additional accessories by others.

FASTENERS: Stainless steel Philips flat head fasteners with captive cage nuts. Finish to match housing.

FINISH: White antimicrobial powder coat finish following multi-stage iron phosphate pretreatment.

GASKET: Closed cell neoprene to prevent air contaminants from getting into the fixture.

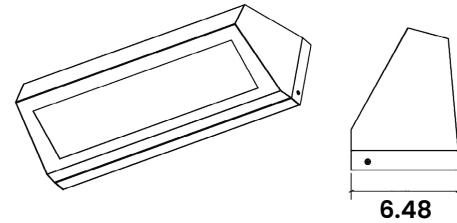
INSTALLATION: Surface wall mount installation. Hardware by others.

WARRANTY: 5 Year Warranty.

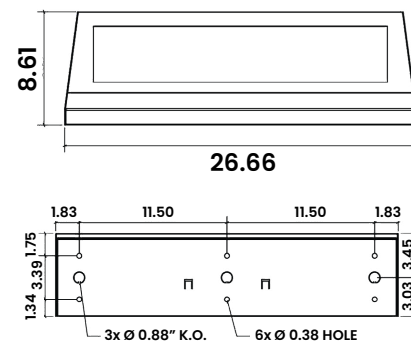
LABEL: Fixture is certified to UL standards by Intertek Testing Laboratories for Damp Location. This product was Made in America and complies with the Buy American Act, and the Build America, Buy America Act.

DIMENSIONAL DATA

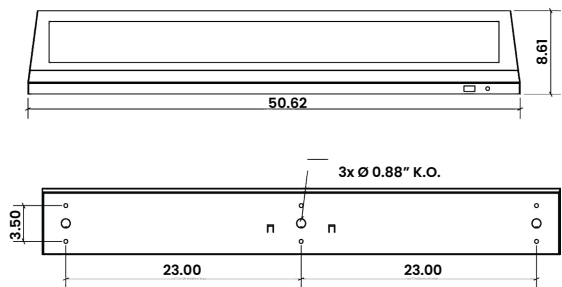
Fixture weight varies and is dependent upon chosen specifications. Consult factory for additional information. Average weight of the MHS2 is 15lb. Average weight of the MHS4 is 20lb.



MHS2



MHS4



New Star Lighting

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Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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PERFORMANCE DATA*

*Delivered lumens are subject to change.

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/w)	INPUT POWER (W)
MHS2	LA = 1 Up/1Down	4000K	2750	110	25
	LB = 1 Up/2 Down	4000K	4125	110	37.5
	LC = 2 Up/2 Down	4000K	5500	110	50
MHS4	LD = 2 Up/ 1 Down	4000K	4125	110	37.5
	LA = 1 Up/1Down	4000K	5500	110	50
	LB = 1 Up/2 Down	4000K	8250	110	75
	LC = 2 Up/2 Down	4000K	11000	110	100
	LD = 2 Up/ 1 Down	4000K	8250	110	75
	LF = 3 Up/3 Down	4000K	16500	110	150
	LG = 1 Up/3 Down	4000K	11000	110	100
	LH= 3 Up/2 Down	4000K	13750	110	125