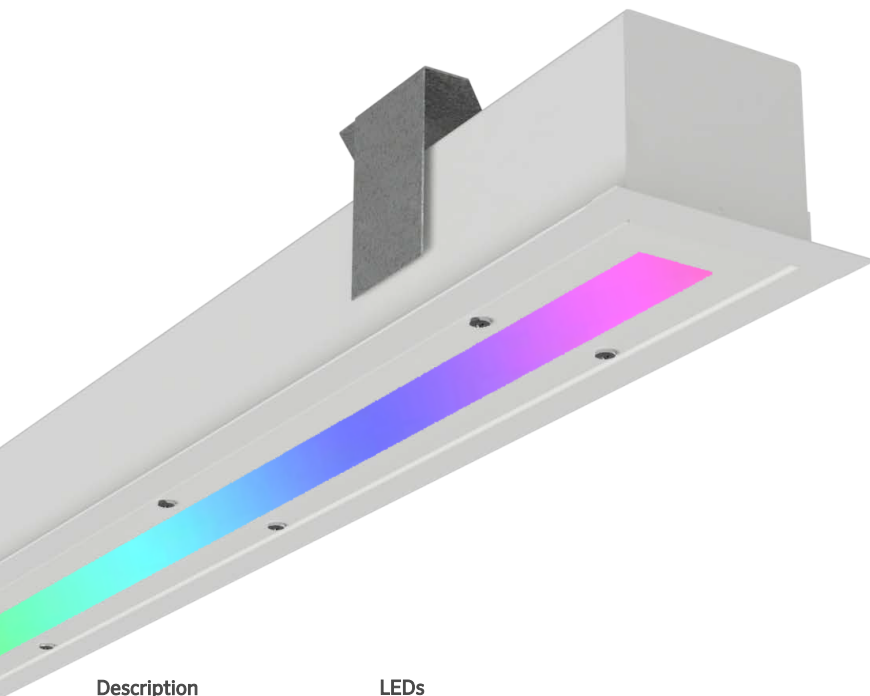


MBHDLRGBW

RGBW Behavioral Health Linear Luminaire



Description

The MBHDLRGBW is a recessed flanged high abuse luminaire, designed for behavioral healthcare applications. Sealed and gasketed, the MBHDL provides an IP65 rating.

Construction

Constructed of .063" aluminum with an aluminum mud-flange and frame. Torx head with center-pin fasteners included standard.

Ligature Resistance

Provides ligature resistance when installed in sheetrock/drywall utilizing a tamper-proof security sealant/pick-proof security caulk.

Mounting

Suitable for sheetrock/drywall installation. Recessed housing, conduit entry.

LEDs

High Output RGBW LEDs. White color temperature available in 2700K, 3000K, 3500K, 4000K, and 5000K color temperatures. Integral LEDs are rated for at least 100K life hours (L70).

Optics

High impact clear polycarbonate lens provides impact resistance, while satin inner lens offers excellent LED diffusion and light output.

DMX

DMX512 internal decoder. Constant voltage LED driver. DMX controller supplied by others

Finish

Matte white finish standard. Custom finish options are available in various RAL colors.

Listings

UL/cUL listed. Manufactured in the USA, BAA compliant.

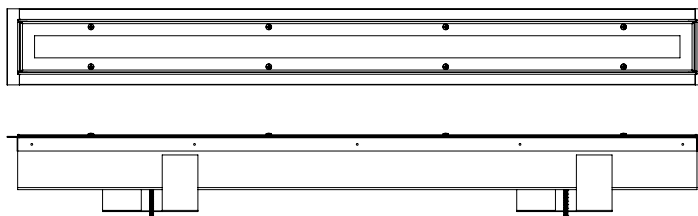
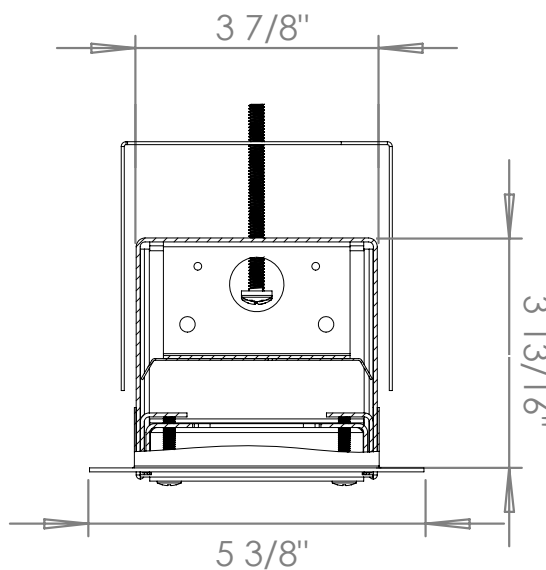
PROJECT _____

CATALOG # _____

TYPE _____

Highlights

- Ligature resistant¹
- High efficacy and lifespan LEDs
- Sheetrock/Drywall Installation
- High abuse lens/frame
- IP65, Sealed/Gasketed



¹Ligature resistant when tamper resistant security prison caulking is used (supplied by others)



MBHDLRGBW

RGBW Behavioral Health Linear Luminaire

ORDERING INFORMATION

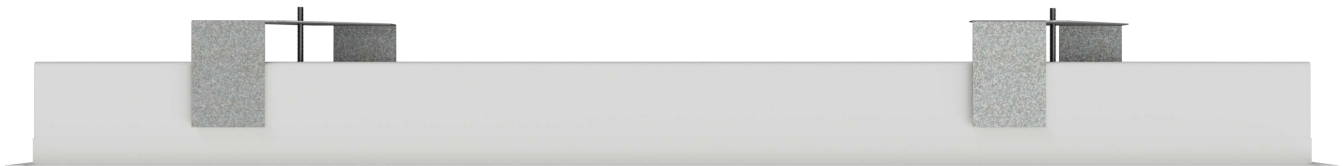
Example: MBHDLRGBW-40-5L-M-W-4-DMX
With options: MBHDLRGBW-40-5L-M-W-4-DMX-90

Fixture	White CCT	Output	Voltage	Finish	Length	RGBW
MBHDLRGBW	■ 27 2700K	■ 5L 500 Lm/Ft	■ M Multi-Volt (120-277V)	■ W Matte White	■ 4 4 ft	■ DMX Internal DMX512 Decoder
	■ 30 3000K	■ 7L 700 Lm/Ft		■ SP Special Finish	■ 6 6 ft	
	■ 35 3500K	■ 10L 1000 Lm/Ft			■ 8 8 ft	
	■ 40 4000K	■ 14L 1400 Lm/Ft				
	■ 50 5000K	■ XXXXL XXXX Lm/Ft				

Options: Add to end of part number

Options

■ **90**
90 CRI



MBHDLRGBW

RGBW Behavioral Health Linear Luminaire

SPECIFICATIONS

White LED Information

Output	5L	7L	10L	14L
Lumens/Ft*	500	700	1000	1400
System Wattage/Ft	3.49W	5.00W	7.19W	10.37W
Efficacy (Lm/W)	143	140	139	135
CRI	>82	>82	>82	>82
Dimming	0-10V	0-10V	0-10V	0-10V
Color Consistency	>3 SDCM	>3 SDCM	>3 SDCM	>3 SDCM
Rated Life (L70)	>100,000 hrs	>100,000 hrs	>100,000 hrs	>100,000 hrs

* Lumen output was calculated with 4000K LEDs.

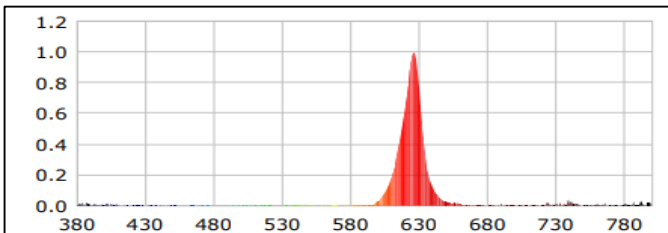
White Lumen Adjustment Factors 80 CRI

CCT	2700K	3000K	3500K	4000K	5000K
Adjustment	93.5%	95.2%	96.8%	100.0%	103.0%

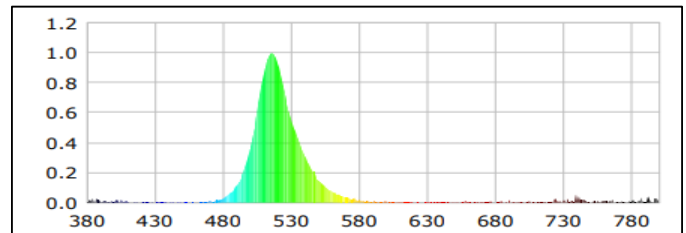
White Lumen Adjustment Factors 90 CRI

CCT	2700K	3000K	3500K	4000K	5000K
Adjustment	77.5%	79.2%	80.8%	85.1%	87.3%

Red



Green



Blue

