

# MUSCON UNDERCABINET SERIES



PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_



MUS Series

## PRODUCT FEATURES

- Intended for Correctional Facilities, Detention Centers, Schools, and more
- Available in three sizes: 2ft, 3ft, 4ft
- Easy surface installation with keyhole slots
- Fixture is certified to UL standards by Intertek Testing Laboratory for Damp Locations
- This product is Made in America and complies with the Buy American Act requirements (BAA)

## ORDERING INFORMATION

Example: MUS2-HC-L135-CP12/PP12-UN



MUS		HC	L1		
<b>Series</b>	<b>Size*</b> 2 = 2ft 3 = 3ft 4 = 4ft  *Nominal Size. Dimensional Data on Page 2.	<b>Housing</b> HC = 20Ga. CRS Painted	<b>Lumen Output*</b> L1 = Standard  *Subject to change. Performance data on Page 2.	<b>Color Temp.</b> 30 = 3000K 35 = 3500K 40 = 4000K	<b>Outer Lens</b> 0 = No Outer Lens CP12 = .125 Clear Poly. CP15 = .156 Clear Poly.
<b>Inner Lens</b> PA12 = .125 Prismatic Acrylic PP12 = .125 Prismatic Poly. PP15 = .156 Prismatic Poly. WPI2 = .125 White Frosted Poly.		<b>Voltage</b> 12 = 120V 27 = 277V 34 = 347V UN = Universal (120V-277V)		<b>Options</b> FZ1 = Fuse (120V) FZ2 = Fuse (277V) CO = Convenience Outlet (120V) DMI = 0-10V dimming with 1-100% range*  *Only available with 3' & 4' lengths	



**New Star Lighting**

2225 W Pershing Rd, Chicago, IL 60609  
 (773) 847-1400  
 www.newstarlighting.com

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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## SPECIFICATIONS

**CONSTRUCTION:** 20-Gauge formed cold rolled steel housing with a one-piece frame for maximum durability.

**LENS:** Outer and Inner lens options secured by "Z" retainers.

**LED:** Available in three color temperatures 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. 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, >0.95 PF). Standard 0-10V Dimming with 10-100% range.

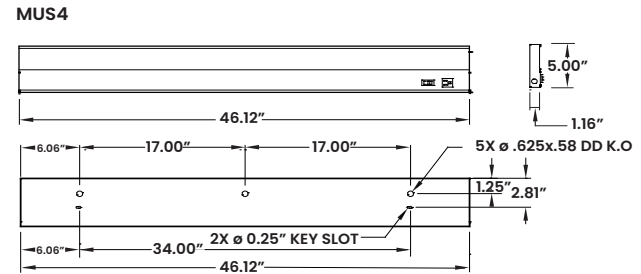
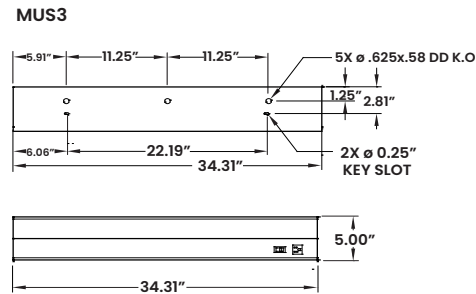
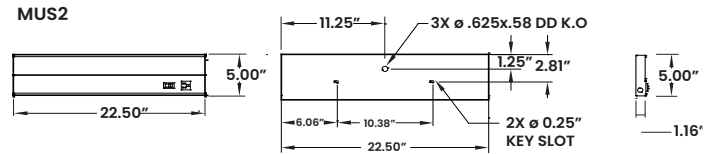
**FINISH:** White powder coat finish following multi-stage iron phosphate pre-treatment. Consult factory for custom colors or antimicrobial finish, subject to set-up fees.

**INSTALLATION:** Surface installation. Keyhole slots for easy installation. Mounting fasteners are not provided.

**WARRANTY:** New Star Promise.

**LABEL:** Fixture is certified to UL standards by Intertek Testing Laboratory for Damp Locations. This product is Made in America and complies with the Buy American Act (BAA).

## DIMENSIONAL DATA



The Muscon Series is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal-Resistant architectural luminaires when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse\*.

\*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.

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## PERFORMANCE DATA\*

\*Data is with 80 CRI chip. LEDs are frequently updated therefore values may change without notice.

MODEL	OUTPUT	COLOR TEMP.	LUMENS DELIVERED	EFFICACY (lm/W)	INPUT POWER (W)
MUS2	L1 = Standard	4000K	1250	100	12
MUS3	L1 = Standard	4000K	1875	100	18
MUS4	L1 = Standard	4000K	2500	100	25



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