

# MUSCON UNDERCABINET SERIES

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



MUSCON 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: MUSCON2-HC-LI35-CPI2/PP12-UN



MUSCON		HC	LI		
<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> LI = 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 CPI2 = .125 Clear Poly. CPI5 = .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> DMI = 0-10V dimming with 1-100% range* FZ1 = Fuse (120V) FZ2 = Fuse (277V) CO = Convenience Outlet (120V)  *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.

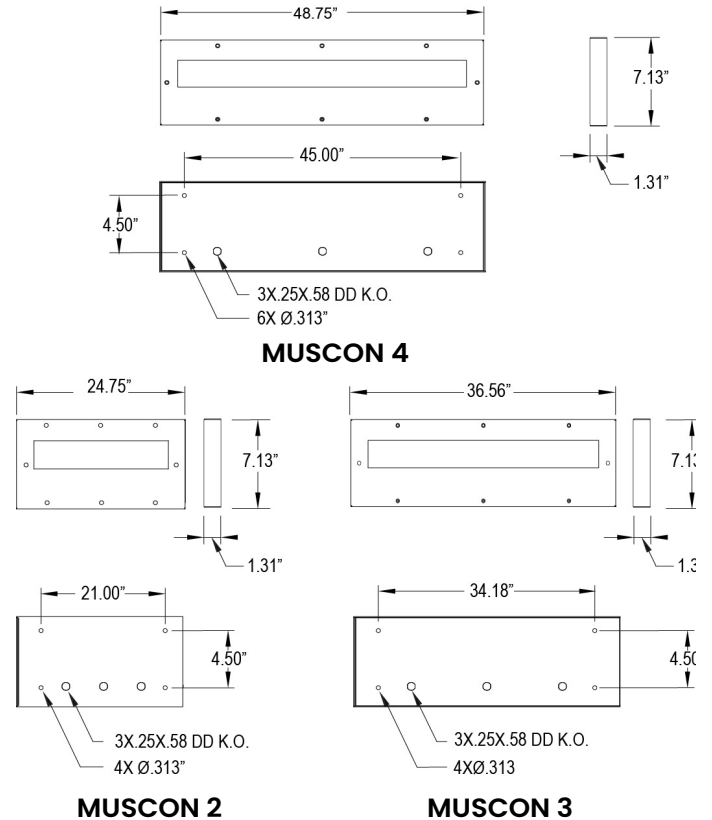
**INSTALLATION:** Surface installation. Keyhole slots for easy installation. Mounting fasteners are not provided.

**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

Fixture weight varies and is dependent upon chosen specifications. Consult factory for additional information. Average weight of the MUSCON4 is 20lb.



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)
MUSCON2	L1 = Standard	4000K	1250	100	12
MUSCON3	L1 = Standard	4000K	1875	100	18
MUSCON4	L1 = Standard	4000K	2500	100	25



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