

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

PRODUCT: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

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
- This product is Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA)
- The MUSCON Series is covered by the New Star Promise.



MUSCON Series

ORDERING INFORMATION

Example: MUSCON2-HC-L135-CP12/PP12-90C-UN



MUSCON		HC	L1		
Series	Size* 2 = 2ft 3 = 3ft 4 = 4ft  *Nominal Size. Dimensional Data on Page 2.	Housing HC =16Ga. CRS Painted	Lumen Output* L1 = Standard  *Subject to change. Performance data on Page 2.	Color Temp. 30 = 3000K 35 = 3500K 40 = 4000K	
/					
Outer Lens 0 = No Outer Lens CP12 = .125 Clear Poly. CP15 = .156 Clear Poly.	Inner Lens PA12 = .125 Prismatic Acrylic PP12 =.125 Prismatic Poly. PP15 = .156 Prismatic Poly. WP12 = .125 White Frosted Poly.	CRI 80C = 80 CRI 90C = 90 CRI	Voltage 12 = 120V 27 = 277V UN = Universal (120V-277V)	Driver DM1 = 0-10V dimming with 1-100% range*  *Only available with 3' & 4' lengths	Options FZ1 = Fuse (120v) FZ2 = Fuse (277V)

# MUSCON UNDERCABINET SERIES



## SPECIFICATIONS

**CONSTRUCTION:** 16-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 3000K, 3500K, and 4000K 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 environment, compliant with IES LM-80 testing standards.

**ELECTRICAL:** 120-277VAC, 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, <0.90 PF). Optional 0-10V Dimming with 10-100% range.

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

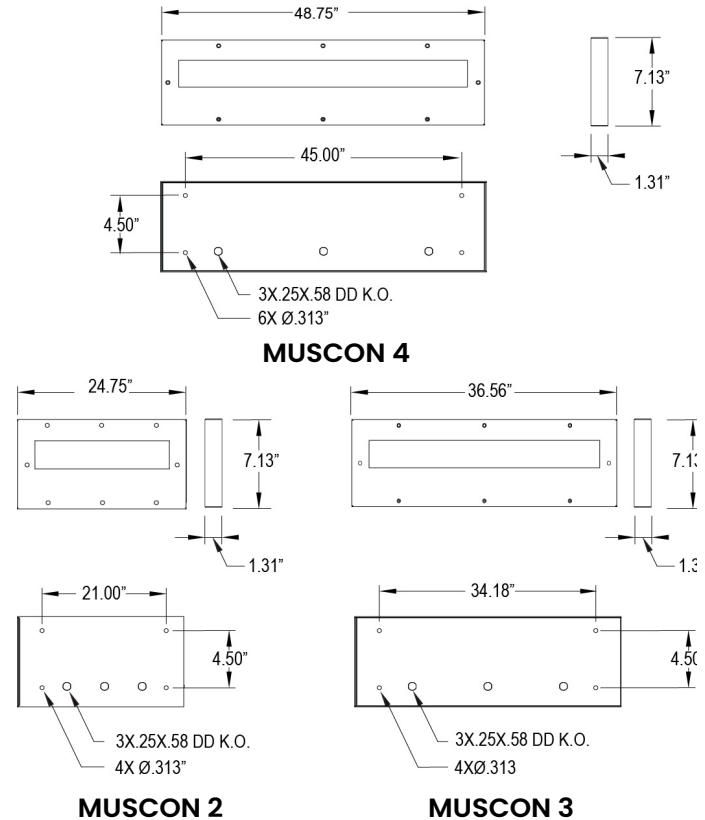
**INSTALLATION:** Surface installation. Mounting fasteners are not provided.

**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), and the Build America, Buy American Act (BABAA).

## 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.



**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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# MUSCON UNDERCABINET SERIES



## PERFORMANCE DATA\*

\*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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