



Project
Type
Date
Cat #

Application Features

Premium-grade, surface-mounted wrap-around ceiling luminaire. For use with indoor applications where low-cost, but commercial-grade ruggedness and compact design is required.

Specifications

Optical System

Standard diffuser is clear acrylic with prismatic bottom and ribbed linear sides designed for even and low-glare illumination.

Mounting

Knock-outs are provided for stem-mounting. Mounts over electrical junction box. Mounting holes are provided within offset to prevent distortion of housing when tightening mounting fasteners. Offset mounting pads which keep luminaire level and slightly off of the mounting surface are formed within the housing.

Construction

Die-formed, code gauge pre-painted, high-reflectance white steel housing. Ballast cover snaps into place eliminating the need for tools when accessing the ballast. Diffuser hinges from either side in a lift and shift manner and is self-centered for easy re-lamping and re-ballasting. This luminaire is suitable for row-mounting.

Finish

Pre-painted, high-reflectance white housing.

Electrical

Rotary lampholders ensure positive lamp retention. Sufficient knockouts are provided for connections and through wiring.

Approvals

Approved to CSA and UL standards.

Features

- Shallow design
- Available with 2 lamp (T5 and T8 configurations)
- Available in lengths from 24 to 96 inches
- Clear, acrylic diffuser with prismatic bottom and ribbed linear sides
- Diffuser self-aligns and hinges from either side for easy re-lamping and re-ballasting
- Continuous row-mounting capability
- Easy re-lamping and re-ballasting

Options & Adders

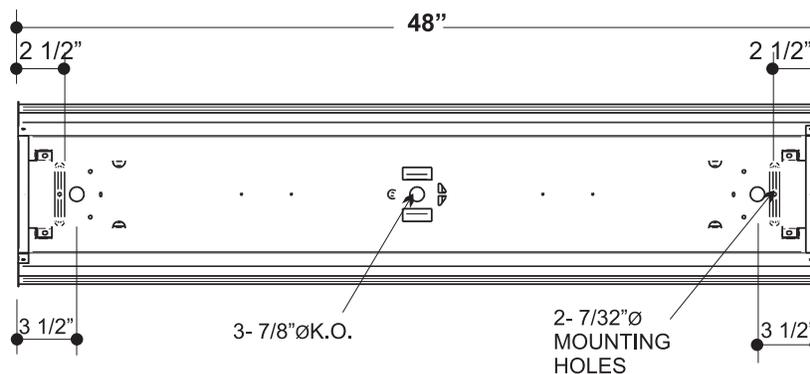
- Dimmable and Emergency ballast
- Joiner band
- Speedy hangers

Applications

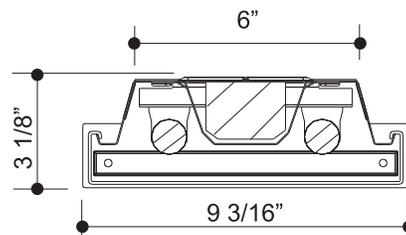
- Stairwells
- Corridors
- Utility Areas
- Kitchens

INDUSTRIAL/COMMERCIAL LIGHTING

Dimensions



Back View



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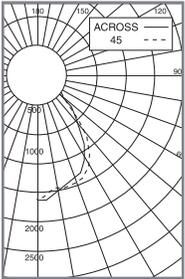
MNE Magic Neutron

Premium-Grade Surface-Mounted Compact Wrap-Around Luminaire



Photometrics - MNE248-T832N120 - Efficiency 64.2%

Candle Distribution



Luminance Summary-CD. / SQ. M.

ANGLE	ALONG	45	ACROSS
45	4565	4071	3826
55	2894	2674	2728
65	1887	1832	2266
75	1628	1716	2347
85	772	1402	2250

Candle Power Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	1355.60	23.00	35.80
0 - 40	2160.60	36.60	57.10
0 - 60	3250.70	55.10	85.90
0 - 90	3785.50	64.20	100.00
40 - 90	-	-	-
60 - 90	534.90	9.10	14.10
90 - 180	0.00	0.00	0.00
0 - 180	3785.50	64.20	100.00

Ordering



Typical Number of lamps in Cross Section
2

Tandem
/2 - Single Housing
T2 - Two Disjointed Housing

Lamp Type
T5
T5HO
T8

Lamp Watts
See table below

Voltage
120 - 120V
347 - 347V
UNV- 120-277V
UN4- 347-480V

Ballast Type
N - Instant Start
P - Program Start
R - Rapid Start

Nominal Length (in.)
24
48

- Options**
- Ballast Options**
(See Option Code Section For More Information)
- B02 Dimming Addressable Digital (dali)
 - B03 Dimming Low Voltage (0-10v)
 - B04 Dimming Line Voltage
 - B06 Low Temperature

- Packaging Options (select one only)**
- K0 Pack Bulk/ Pallet Packed and/or Wrapped
 - K1 Pack Single

- Mounting Options (select one only)**
- M04 Mounting - Lens Divider Plate (Available for 8-ft units)
 - M15 Mounting Joiner Band

Example:
MNE248-T832N120

Lamp Watts

Length	Nominal Lamp Watts		
	T5	T5HO	T8
24	14	24	17
36	21	39	25
48	28	54	32

Other options may be available consult factory.
Specifications and data subject to change without notice.

INDUSTRIAL/COMMERCIAL LIGHTING