

NE Neutron

Premium-Grade Surface-Mounted Wrap-Around Ceiling Luminaire

Project	
Туре	
Date	
Cat #	

Application Features

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



Specifications

Optical System

Standard diffuser is clear acrylic with prismatic bottom and ribbed linear sides designed for even and low-glare illumination. Optional reflectors are available in specular aluminum with a minimum reflectance of 95%.

Mounting

Knock-outs are provided for stem-mounting. Mounting holes are provided within offset to prevent distortion of housing when tightening mounting fasteners. Mounts over electrical junction box. 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. Die-formed and embossed, code gauge pre-painted high-reflectance white steel end-caps. 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 1 or 2 lamps (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

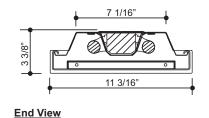
Options & Adders

- Dimmable and Emergency ballast
- Radio interference filter (120V 277V)
- Joiner band
- · Stem and canopy sets

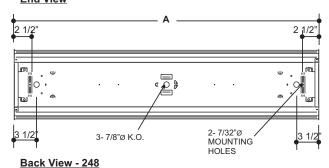
Applications

- Classrooms
- Corridors
- Kitchens
- Office Areas
- Retail Stores and Supermarkets
- Stairwells
- Utility Areas

Dimensions



MODEL	LENGTH A (in)
224	24
236	36
248	48
248/2	96



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NE **Neutron**





VISIONEERING

Photometrics - NE248-T832N120 - Efficiency 69.5%

Candle Distribution

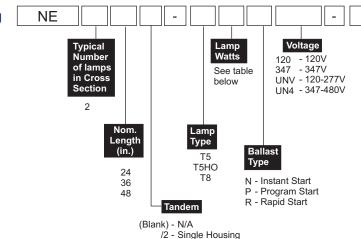


ANGLE	ALONG	45	ACROSS
45	3725	3295	3132
55	2381	2120	2210
65	1538	1455	1745
75	1317	1328	1826
85	612	989	1784

Candle Power Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0 - 30	1402.26	23.80	34.20
0 - 40	2250.02	38.10	54.80
0 - 60	3399.58	57.60	82.90
0 - 90	3950.57	67.00	96.30
40 - 90	-	-	-
60 - 90	-	-	-
90 - 180	152.61	02.60	03.70
0 - 180	4103.18	69.50	100.00

Ordering



T2 - Two Disjointed

Housings

Example:

NE248-T832N120

Lamp Watts

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

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

Ballast Options

(See 0	Option Code Section For More Information)
B02	Dimming Addressable Digital (dali)
B03	Dimming Low Voltage (0-10v)
R04	Dimming Line Voltage

Options

Ballast - High Ballast Factor Ballast - Low Ballast Factor B08 B09 Emergency Lighting Battery Pack Specification Grade B30

Emergency Lighting Battery Pack 1-lamp B33 П Emergency Lighting Battery Pack 2-lamp B34

Housing Construction Options

C06 Housing 20 Gauge Riveted

Finish Options (white is standard)

Black

F02 Post Powder Painted (White)

Packaging Options (select one only)

Pack Bulk/ Pallet Packed and/or Wrapped

Mounting Options (select one only)

Mounting - Lens Divider Plate

Mounting Joiner Band

Mounting Stem & Canopy Set 3/8" IP (5/8" OD) (specify length (xx) 6" increments)
Mounting Stem & Canopy Set ½" IP (3/4" OD)

M33

(specify length (xx) 6" increments)

Mounting Stem & Canopy Set For Sloped Ceilings M34 1/2" IP (3/4" OD) (specify length (xx) 6" increments)

Reflector Options

Reflector VF1 Solid Full (95% Reflectance) Specular

Approval and Rating Options

Dual CSA and USA Markets