

Lean. Fast. Innovative.

Superior Performance – Stay current with the state of the art in LED technology.

Design Faster – Industry innovative materials shorten development time.

Maximum Flexibility – Design to your exact specifications using NewEnergy parts in your assemblies.

Rapid Innovation – Work with NewEnergy to develop your custom solutions.

Primary Applications

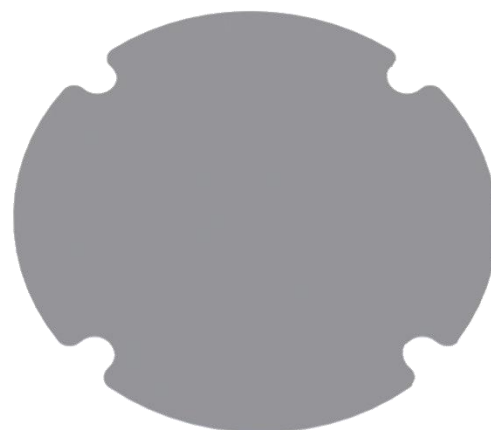
NELM-85/12/20-nn-90-F	NELM-85/12/20-nn-91-F
NELM-30/40/00-nn-90-F	NELM-30/40/00-nn-91-F
NELM-85/12/20-nn-90-D	NELM-85/12/20-nn-91-D
NELM-30/40/00-nn-90-D	NELM-30/40/00-nn-91-D

Custom Solutions

NewEnergy and its global facilities maintain ISO certifications for the commercial and architectural lighting industries as well as the medical field. Our North Carolina headquarters provides engineering and sales support, along with an R&D lab for custom prototyping, innovative solutions, and streamlined product development. We support production in the United States and overseas, with an integrated supply chain and turnkey manufacturing support.

Features and Benefits

- NETP-NELM-3040-000 thermal pad features custom sizing and screw clearances for use with all NewEnergy [NELM modules](#).
- Designed in and ships from the United States.
- Thermal conductivity of 3 W/(m·K)
- Shipped with protective film on both sides (remove for proper installation).
- Individually bagged for protection during shipping.
- Thickness of 0.3mm.
- Additional custom shapes, thicknesses and thermal conductivity values available. Give us a call or send us your sketch for a quote.
Info@New-EnergyLLC.com

**NETP-NELM-3040-000**

About NewEnergy

NewEnergy accelerates the adoption of LED technology through simple, modular products and custom designs. Through 30 years of experience, state of the art manufacturing, full traceability and advanced quality controls, NewEnergy offers leading solid state lighting components, modules and custom solutions. NewEnergy customers get to market faster, with less resources, at lower costs. Visit New-EnergyLLC.com for more information. Contact us at Info@New-EnergyLLC.com

CAUTION

Proper installation of this thermal pad is critical to the life and performance of the NELM light module. Thermal management and proper operation temperature is the responsibility of the owner, installer and manufacturer.

NELM TIM – Thermal Pad for NELM Light Modules

NewEnergy Standard Part Number Table

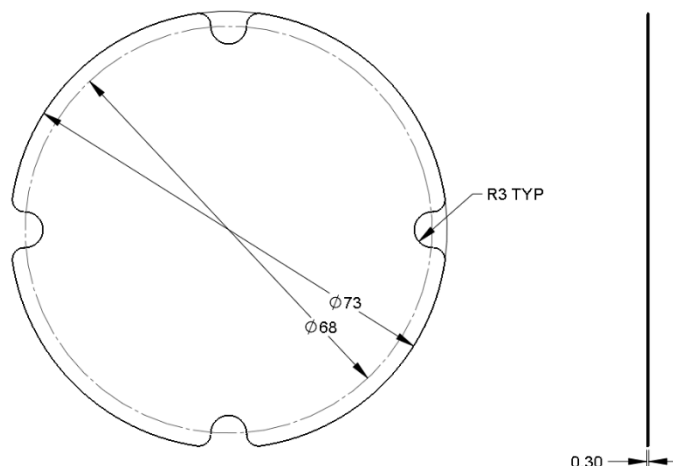
NewEnergy Thermal Pad	Thermal Conductivity w/(m·K)	Color	Thickness mm	For Use with ⁽¹⁾
NETP-NELM-3040-000	3	Gray	0.3	NELM-85/12/20-nn-90-F NELM-85/12/20-nn-91-F NELM-30/40/00-nn-90-F NELM-30/40/00-nn-91-F NELM-85/12/20-nn-90-D NELM-85/12/20-nn-91-D NELM-30/40/00-nn-90-D NELM-30/40/00-nn-91-D

⁽¹⁾ nn = CCT options available in NewEnergy module family. [See NELM data sheet for specific part numbers.](#)
All values shown above are typical unless noted.

Dimensions

Units: mm

DO NOT SCALE DRAWING



NETP-NELM-3040-000

INSTALLATION INSTRUCTIONS

1. Clean and remove old thermal interface material from existing heat sink.
2. Remove thermal pad from bag.
3. Remove protective skin cover from one side.
4. Place pad with remaining skin up on NELM surface, align the 4 notches with the 4 screw holes.
5. Remove the remaining protective skin.
6. Attach heat sink.



Last Modified: 26MAR26