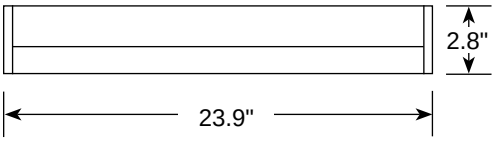
High Abuse Linear Collection

E72-N · E74-N (Selectable Wattage/CCT)

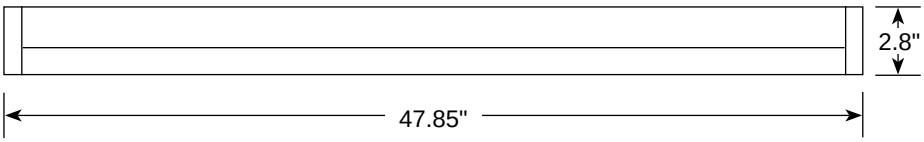
Vandal Resistant Narrow Linear Luminaire — Selectable Wattage / CCT

DIMENSIONS

E72-N



E74-N



Catalog Number	
Project Name & Location	Type

Product Specifications

APPLICATIONS: Stairwells, Locker Rooms, Corridors, Hallways, Lavatories.
DRIVER: Universal volt (120-277v) electronic driver.
FASTENERS: Flat head stainless steel torx screws.
FINISH: Polyester powder coated finish.
HOUSING: Aluminum housing and heatsink.
LENS: Polycarbonate translucent lens for uniform light distribution.
LIGHT ENGINE: Energy Efficient LED - Selectable Wattage / CCT.
MOUNTING: Surface mount to ceiling J-BOX via pre-cut mounting holes or pendant mount with two stems and swivel canopies.
COMPLIANCE: Built to comply with U.S. and Canadian Safety Standards. ETL listed and CE, CB, SAA, Buy American Act (BAA) compliant. Surface ceiling mount is suitable for indoor wet locations (covered ceiling), wall and pendant mount are for indoor damp locations only.
WARRANTY: 5-year Limited Warranty.

order example:

E74-N-SM-SLED-SCCT-UNV-WHT-OCC

SERIES
- E72-N — 2 Foot Linear E74 Narrow Series
- E74-N — 4 Foot Linear E74 Narrow Series

MOUNTING
- SM — Surface Ceiling Mount
- PEND — Pendant Mount - 12" Stem (2 Per Fixture)
  – Consult Factory for Other Lengths
  Choose Pendant Canopy Style
  CSW-RR = Canopy Swivel for 4" Round J-Box – Rapid Mount with Hinged Door
  CSW-SR = Canopy Swivel for 4" Square J-Box – Rapid Mount with Hinged Door

LED WATTAGE
- SLED — *Selectable LED Wattage
  – E72-N: 20W | 30W | 40W
  – E74-N: 35W | 42W | 50W

LED COLOR TEMPERATURE
- SCCT — *Selectable CCT
  – 3000K | 4000K | 5000K

VOLTAGE
- UNV — 120~277 Universal Volt Electronic Driver
  – Non-Dimmable

STANDARD FINISH
- WHT — White

PREMIUM UPCHARGE FINISH
- BK — Black
- BZ — Bronze
- SV — Silver Gray
- CC — Custom Color (Visit www.ralcolor.com)
  – Provide RAL# or Make-to-Match Color Chip

CONDUIT ADAPTER BACK BOX OPTIONS
- CAX2 — Conduit Adapter Back Box for 2-Foot
- CAX4 — Conduit Adapter Back Box for 4-Foot

SENSOR OPTIONS
- OCC — Occupancy Sensing / Motion Sensor Integral
  – Stand-by Dimming Level Presets: ON/OFF
  – Max mounting height is 18 feet

EMERGENCY BATTERY OPTIONS
- EM10W — Integral 10 Watt Emergency Battery

MISC OPTIONS
- TDM — Tandem Joined Fixtures
  – Requires Conduit Back Box (CA)

***NOTE:** Fixtures will ship from factory at lowest wattage and warmest CCT. It is the installer's responsibility to set the fixture at the desired wattage and CCT for their project.*

CGF design Inc | PO Box 911 | Morton Grove, IL 60053 | p: 847.815.5079 | f: 847.470.9828 | http://www.cgfdesigninc.com | sales@cgfdesigninc.com

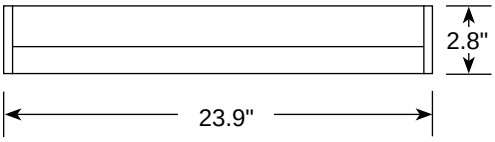
Disclaimer: *We reserve the right to revise the design or components of any product without notice.*

E72-N · E74-N (Static Wattage/CCT)

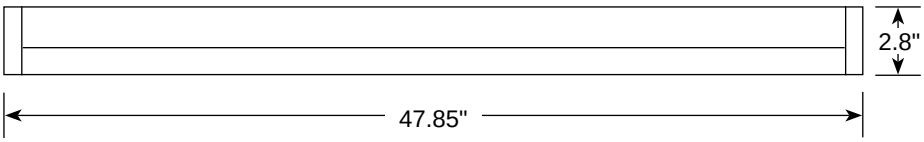
Vandal Resistant Narrow Linear Luminaire — Static Wattage / CCT

DIMENSIONS

E72-N



E74-N



Catalog Number	
Project Name & Location	Type

Product Specifications

APPLICATIONS: Stairwells, Locker Rooms, Corridors, Hallways, Lavatories.
DRIVER: Universal volt (120-277v) electronic driver.
FASTENERS: Flat head stainless steel torx screws.
FINISH: Polyester powder coated finish.
HOUSING: Aluminum housing and heatsink.
LENS: Polycarbonate translucent lens for uniform light distribution.
LIGHT ENGINE: Energy Efficient LED - Static Wattage / CCT..

MOUNTING: Surface mount to ceiling J-BOX via pre-cut mounting holes or pendant mount with two stems and swivel canopies.
COMPLIANCE: Built to comply with U.S. and Canadian Safety Standards. ETL listed and CE, CB, SAA, Buy American Act (BAA) compliant. Surface ceiling mount is suitable for indoor wet locations (covered ceiling), wall and pendant mount are for indoor damp locations only.
WARRANTY: 5-year Limited Warranty.

order example:

E74-N-PEND-CSW-SR-LED50-CT4-UNV-WHT-0-10D2

SERIES
- E72-N — 2 Foot Linear E74 Narrow Series
- E74-N — 4 Foot Linear E74 Narrow Series

MOUNTING
- SM — Surface Ceiling Mount
- PEND — Pendant Mount - 12" Stem (2 Per Fixture)
  – Consult Factory for Other Lengths
  Choose Pendant Canopy Style
  CSW-RR = Canopy Swivel for 4" Round J-Box
  – Rapid Mount with Hinged Door
  CSW-SR = Canopy Swivel for 4" Square J-Box
  – Rapid Mount with Hinged Door

LED WATTAGE

E72-N Wattages
- LED20 — 20 Watt LED
- LED30 — 30 Watt LED
- LED40 — 40 Watt LED

E74-N Wattages
- LED30 — 30 Watt LED
- LED40 — 40 Watt LED
- LED50 — 50 Watt LED

LED COLOR TEMPERATURE
- CT3 — ±3000K LED Color Temp
- CT35 — ±3500K LED Color Temp
- CT4 — ±4000K LED Color Temp
- CT5 — ±5000K LED Color Temp

VOLTAGE
- UNV — 120~277 Universal Volt Electronic Driver
  – 0-10V Dimming (100-30%) is Standard

STANDARD FINISH
- WHT — White

PREMIUM UPCHARGE FINISH
- BK — Black
- BZ — Bronze
- SV — Silver Gray
- CC — Custom Color (Visit www.ralcolor.com)
  – Provide RAL# or Make-to-Match Color Chip

CONDUIT ADAPTER BACK BOX OPTIONS
- CAX2 — Conduit Adapter Back Box for 2-Foot
- CAX4 — Conduit Adapter Back Box for 4-Foot

CONTROL OPTIONS (Choose from Manual or Sensor)

MANUAL CONTROL (Wall Switch or Control System)
Note: Cannot be used with Sensor Controls Below
Note: 0-10V (100-30%) Dimming is Standard
- 0-10D1 — 0-10VDC LED Dimming Driver (100-10%)
- 0-10D2 — 0-10VDC LED Dimming Driver (100-1%)

OR

SENSOR CONTROL (Sensor Integral to Fixture)
Note: Cannot be used with Manual Controls Above
Note: Motion Sensor Max Mounting Height 18-Feet
- OCC — Occupancy Sensing / Motion Sensor Integral
  – Stand-by Dimming Level Presets: ON/OFF
  – Max mounting height is 18 feet
- BLD — Bi-Level Dimming - Motion Sensor Integral
  – Stand-by Dimming Level Presets:
  10% / 20% / 30% / 50%
  – Max mounting height is 18 feet

EMERGENCY BATTERY OPTIONS
- EM10W — Integral 10 Watt Emergency Battery

MISC OPTIONS
- TDM — Tandem Joined Fixtures
  – Requires Conduit Back Box (CA)

ACCESSORY OPTIONS
Order As A Separate Line
- REMT0019 — Remote Controller for BLD Sensor Option

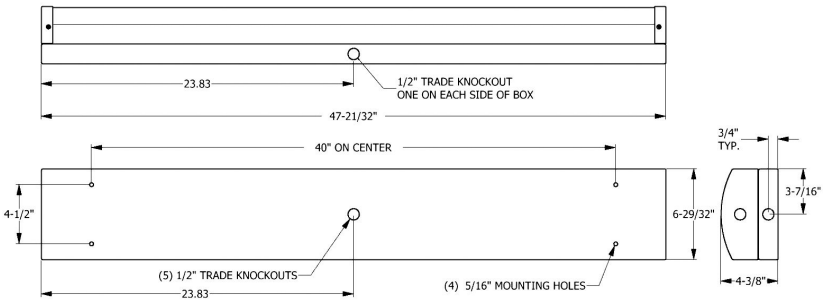
CGF design Inc | PO Box 911 | Morton Grove, IL 60053 | p: 847.815.5079 | f: 847.470.9828 | http://www.cgfdesigninc.com | sales@cgfdesigninc.com

Disclaimer: *We reserve the right to revise the design or components of any product without notice.*

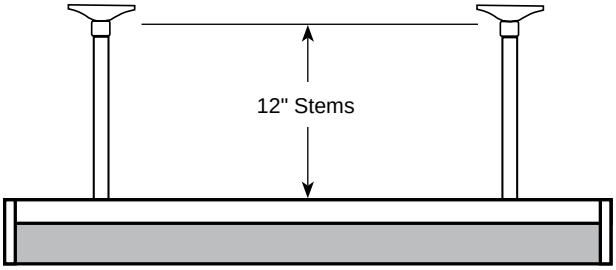
E72-N · E74-N

Vandal Resistant Narrow Linear Luminaire — Selectable Wattage / CCT

BACK BOX OPTION



PENDANT MOUNT



Canopy Swivel 4”
for Round/Octagonal J-BOX
(PEND-CSW-RR)

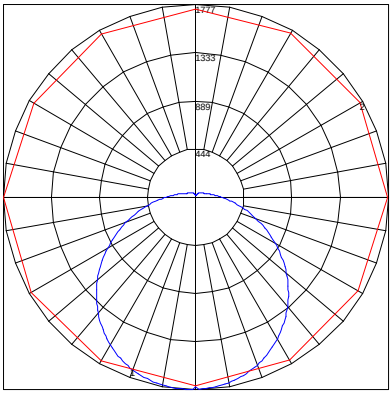
Canopy Swivel 4”
for Square J-BOX
(PEND-CSW-SR)

PHOTOMETRIC DATA

Summary of Results | E74-N-LED42-4K-UNV					
Lumen Output	**Efficacy**	**Input Power**	**CCT**	**Distribution**	**BUG Rating**
5,668.6 Lumens	129.4 Lm/W	43.79W	4000K	Type VS	B2-U3-G2

LCS Summary	
Zone	**Lumens**
Forward Low (0-30)	680.6
Forward Medium (30-60)	1309.1
Forward High (60-80)	551.0
Forward Very High (80-90)	114.2
Back Low (0-30)	683.9
Back Medium (30-60)	1323.6
Back High (60-80)	560.6
Back Very High (80-90)	117.1
Up Low (90-100)	116.5
Up High (100-180)	212.0

POLAR GRAPH



Maximum Candela = 1777.459 Located At Horizontal Angle = 180, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)

CGF design Inc | PO Box 911 | Morton Grove, IL 60053 | p: 847.815.5079 | f: 847.470.9828 | http://www.cgfdesigninc.com | sales@cgfdesigninc.com

Disclaimer: *We reserve the right to revise the design or components of any product without notice.*

ELECTRICAL DATA

E72-N 2-Foot LED Linear (Selectable Wattage / CCT)							
Published Wattage	Color Temp (CCT)	Wattage (120V)	Amps (120V)	Wattage (277V)	Amps (277V)	Lumens	LPW
40W	5000K	42.7W	0.35	41.0W	0.15	N/A	N/A
40W	4000K	40.6W	0.33	39.0W	0.14	N/A	N/A
40W	3000K	41.9W	0.34	40.3W	0.15	N/A	N/A
30W	5000K	34.2W	0.28	33.3W	0.12	N/A	N/A
30W	4000K	32.8W	0.26	32.0W	0.12	N/A	N/A
30W	3000K	33.8W	0.27	33.0W	0.12	N/A	N/A
20W	5000K	26.1W	0.21	25.9W	0.09	N/A	N/A
20W	4000K	25.2W	0.20	25.0W	0.09	N/A	N/A
20W	3000K	25.9W	0.21	25.6W	0.09	N/A	N/A

E74-N 4-Foot LED Linear (Selectable Wattage / CCT)							
Published Wattage	Color Temp (CCT)	Wattage (120V)	Amps (120V)	Wattage (277V)	Amps (277V)	Lumens	LPW
50W	5000K	52.8W	0.43	50.8W	0.18	7060	133
50W	4000K	50.6W	0.41	48.7W	0.15	7110	140
50W	3000K	52.9W	0.43	50.9	0.13	6990	132
42W	5000K	41.6W	0.34	40.7W	0.14	5790	139
42W	4000K	40.1W	0.32	39.2W	0.14	5669	141
42W	3000K	41.7W	0.34	40.7W	0.15	5588	134
35W	5000K	36.1W	0.29	35.4W	0.13	4780	132
35W	4000K	34.8W	0.28	34.2W	0.13	4835	138
35W	3000K	36.1W	0.29	35.4W	0.13	4798	132

CGF design Inc | PO Box 911 | Morton Grove, IL 60053 | p: 847.815.5079 | f: 847.470.9828 | http://www.cgfdesigninc.com | sales@cgfdesigninc.com

Disclaimer: *We reserve the right to revise the design or components of any product without notice.*