



LED performance that is squarely on the mark

Gardco Form Ten LED square area luminaires are a homage to the original form. In 1969, Gardco changed outdoor area illumination forever when it introduced the first full cutoff luminaire - the Form Ten Square. Today, the shape that started it all redefines itself for a new generation by incorporating state-of-the-art, high performance LEDs.



Mounting:

The double-nut-through-bolt makes it impossible to misalign the luminaire and pole. Note the integrity of the internal construction and aluminum extrusions, which provide remarkable strength-to-weight ratios.



Rotatable Optics:

Gardco pioneered the rotatable optics concept - enabling pole orientation and light distribution to be independent of one another. It also enables reorientation of the optical system, should traffic patterns change.

EH Form Ten LED

Square arm mount



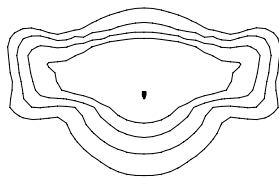
Being square is back in fashion

Available in 14" and 19" pole and wall mounted configurations, the Gardco extruded (EH) LED luminaires retain the features and benefits that made them industry leaders in site lighting. Visually appealing half cube proportions, toolless access to the optics and driver assembly in the EH19 size, memory retentive silicone gasketing and rotatable optics are but a few of the qualities that helped define the industry leader.

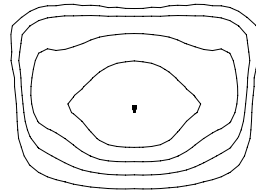
The shape that started it all has performance to spare

The main area where Gardco luminaires excel is in performance. The Form Ten Square luminaire employs a sophisticated high output Class 1 LED array system that delivers one of four unique distribution patterns. This system delivers increased light output and a longer lifespan than conventional HID sources, while consuming a small fraction of the energy. Improved visibility, higher efficiency and compact size mean that fewer luminaires are needed to light areas to desired levels, resulting in substantial savings and reduced environmental impact in both the short and long term.

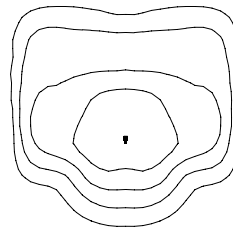
These LED systems use up to 50% less energy than traditional outdoor lighting systems and generally lower energy expenses by up to 40% in comparison to most systems being used today.



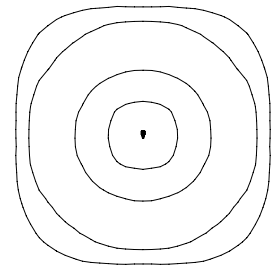
Type II Distribution



Type III Distribution



Type IV Distribution



Type V Distribution

Retrofit Kits

Do you currently have Form Ten Square luminaires on your site? Retrofit Kits are an easy way to supply your pre-existing luminaires with high performance LED arrays. These kits permit a simple and efficient changeout, saving time, cost and energy.

The kits include everything required to completely convert the standard Form Ten Square to any of the offered LED wattages and distributions. This includes a new reflector pan outfitted with LED arrays and integral driver(s).



EH Form Ten LED

Square arm mount



Mounting options



Shown with
AR3 Arm Mount



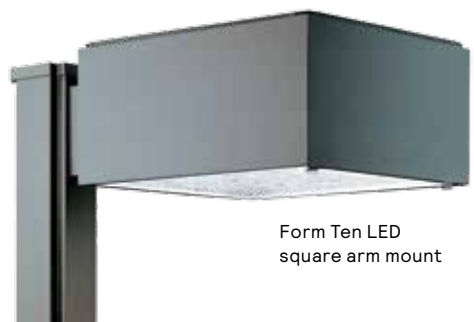
Shown with
MA Mast Arm Fitter



Shown with
WM1 Wall Mount

EH Form Ten LED

Square arm mount



Form Ten LED
square arm mount

- Traditional styling with benefits of LED energy savings.
- Provides up to 50% energy savings over HID.
- Two distinct housing sizes available in 14" and 19"
- Maintains uniform illumination for improved visibility.
- LED retrofit kits available for existing Form 10 installations.

Ordering guide

example: EH14L-32L-450-NW-G3-AR1-2-120-DD-F1-HIS-MGY

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Distr.	Voltage	Controls	Electrical	Luminaire	Finish
EH14L 14" Square Extruded Luminaire LED	32L 32 LEDs	450 450mA 900 900mA	NW-G3 Neutral White 4000K, 70CRI Generation 3 WW-G3 Warm White 3000K, 70CRI Generation 3 CW-G3 Cool White 5700K, 70CRI Generation 3	Arm Mounts AR1 for 3"-4.5" round pole AR2 for 4.5"+ round pole AR3 for square pole Wall Mount WM1 with arm WM2 without arm Mast Arm Fitter MA Mounts to a 2-3/8" O.D. mast arm	2 Type 2 3 Type 3 4 Type 4 5 Type 5	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V 50hz/60hz HVU 347-480V 50hz/60hz	DD 0-10V Dimming Driver Photoelectric/ Receptacle Systems (Twist Lock Receptacle) TLRD5 Twist Lock Receptacle 5 Pin TLRPC Twist Lock Receptacle with Photocell	Fusing F1 Single (120, 277, 347VAC) F2 Double (208, 240, 480VAC) F3 Canadian Double Pull (208, 240, 480VAC) Pole Mount Fusing FP1 Single (120, 277, 347VAC) FP2 Double (208, 240, 480VAC) FP3 Canadian Double Pull (208, 240, 480VAC) Surge Protection SP1 Standard 10KVA SP2 Increased 20KVA	HIS Internal House Side Shield	BRA Bronze Anodized BLA Black Anodized NA Natural Anodized BK Black paint BZ Bronze paint WH White paint MGY Medium Gray paint RAL Specify optional color (ex: RAL7024) CC Custom color (Must supply color chip for required factory quote)
EH19L 19" Square Extruded Luminaire LED	48L 48 LEDs 96L 96 LEDs	900 900mA 560 560mA 650 650mA								

Retrofit kit ordering guide

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Distr.	Voltage	Controls	Electrical
EH/H14L-RK 14" Square Retrofit Kit	32L 32 LEDs	450 450mA 900 900mA	NW-G3 Neutral White 4000K, 70CRI Generation 3 WW-G3 Warm White 3000K, 70CRI Generation 3 CW-G3 Cool White 5700K, 70CRI Generation 3	2 Type 2 3 Type 3 4 Type 4 5 Type 5	120 120V 208 208V 240 240V 277 277V UNV 120-277V 50hz/60hz HVU 347-480V 50hz/60hz	DD 0-10V Dimming Driver	Surge Protection SP1 Standard 10KVA SP2 Increased 20KVA
EH/H19L-RK 19" Square Retrofit Kit	48L 48 LEDs 96L 96 LEDs	900 900mA 560 560mA					



Prior to ordering, consult specification sheets on gardcolighting.com for the most current information, notes, and exclusions.

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.



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