

**LED**

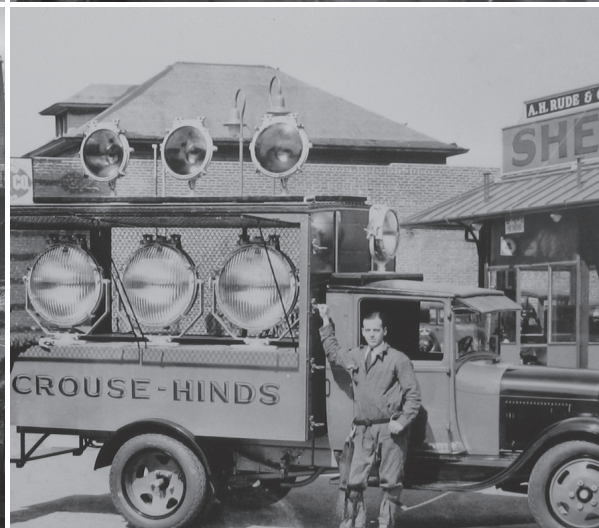


Invue  
McGraw-Edison  
Streetworks  
Lumark

# LED Outdoor Lighting

SustainabLEDesign™

**COOPER** Lighting



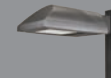
THE COOPER NAME HAS STOOD FOR INNOVATION,  
SERVICE AND EXPERTISE FOR OVER 175 YEARS.

Through challenging times and changing technologies, Cooper understands how to stay on top and lead the pack. We deliver on our commitment to provide customers innovative product solutions, exceptional value and outstanding service.

WELCOME TO THE WORLD OF LED OUTDOOR  
LIGHTING FROM COOPER.



McGraw-Edison  
Ventus LED



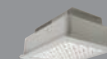
McGraw-Edison  
Talon LED



McGraw-Edison  
Generation Series



McGraw-Edison  
Impact Elite LED



McGraw-Edison  
Valet LED



McGraw-Edison  
Concise LED



Invue  
Vision Site LED



Invue  
Mesa LED



Invue  
Entri LED



Lumark  
Ridgeview LED



Lumark  
RC Cobrahead LED



Lumark  
Wal-Pak LED



Lumière  
Rio LED



Lumière  
Cambria 203 LED





## SEARCHING FOR CREDIBLE ANSWERS AND RELIABLE PRODUCTS THAT PERFORM TO EXPECTATION?

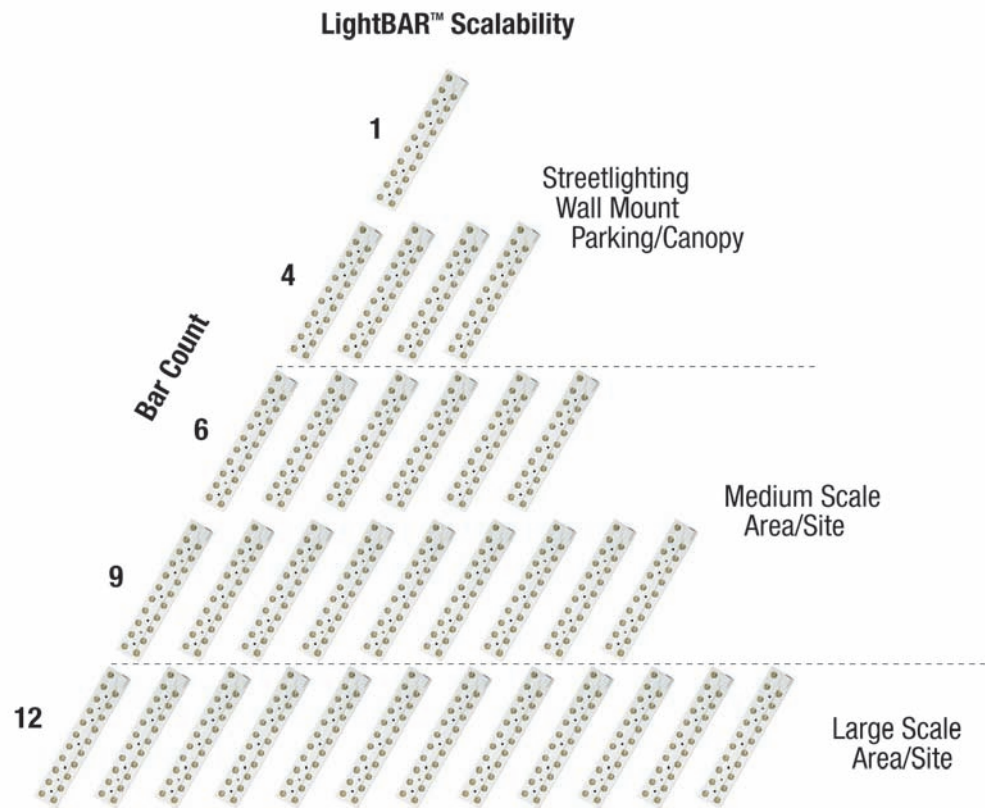
Relevant LED Outdoor lighting solutions have arrived, and with them a host of exciting new design freedoms and important considerations. At Cooper we believe credibility is key. We are committed to providing LED solutions that meet the highest standards of reliability and performance. Cooper's deep rooted understanding of outdoor product markets and application needs has been amassed through decades of supplying quality products, service and support.

**COOPER LIGHTING—YOUR TRUSTED PARTNER IN LED.**



AT COOPER LIGHTING INNOVATION IS OUR LIFEblood.  
WE BACK THIS WITH INVESTMENTS THAT PROVE OUR  
RESOLVE.

Look no further than our 60,000 square foot LED Innovation Center located in Peachtree City, GA. This world class facility is home to innovation-minded professionals, all focused on designing and validating Cooper proprietary LED technologies. Together the team of Mechanical, Electrical, Thermal and Optical Engineers work hand in hand with Industrial Designers, Lab Technicians and Manufacturing personnel to accelerate and proliferate winning LED solutions across Cooper Lighting platforms. Cooper's comprehensive capabilities in LED—design, thermal modeling, accelerated life and reliability testing, photometric measurement, rapid prototyping and manufacturing—is unmatched among North American lighting manufactures, and demonstrates our long term commitment to this transcending light source.



COOPER LIGHTING'S PATENT PENDING LED LIGHTBAR™ SYSTEM BRINGS NEW MEANING TO THE WORD SCALABILITY.

Never before has a light source been so modular or tunable across applications and fixture platforms. With Cooper's LightBAR™ system, designers simply multiply the bar count up or down as the application requires. This approach minimizes energy consumption, optimizes lumen output and decreases raw material content in the luminaire.

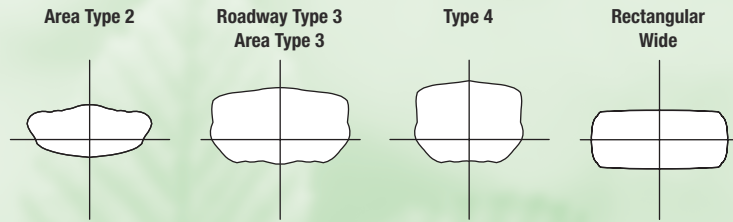




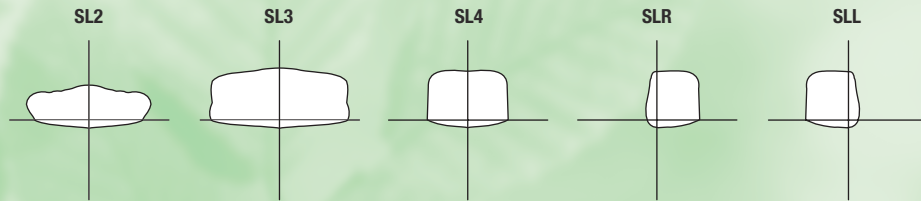
## THE VERY ESSENCE OF CONSERVATION IS TO USE ONLY WHAT YOU NEED, NOTHING MORE.

The simplest and most effective way to reduce a lighting fixture's impact on the environment is to minimize its energy consumption. Power generation emits pollutants and generates waste that is harmful to the environment. Cooper Lighting's patent pending LightBAR™ technology allows for energy savings between 30-75% without sacrificing lighting performance or safety. The LightBAR™ system is RoHS compliant and contains no mercury or other hazardous substances. With maintenance intervals up to six times longer than traditional mercury carrying discharge sources, adoption of LED reduces landfill pollution and waste.

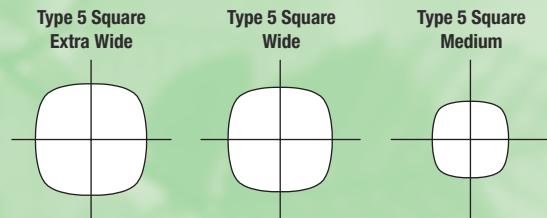
## 5 Asymmetric Distributions



## 5 Spill Light Eliminator Distributions

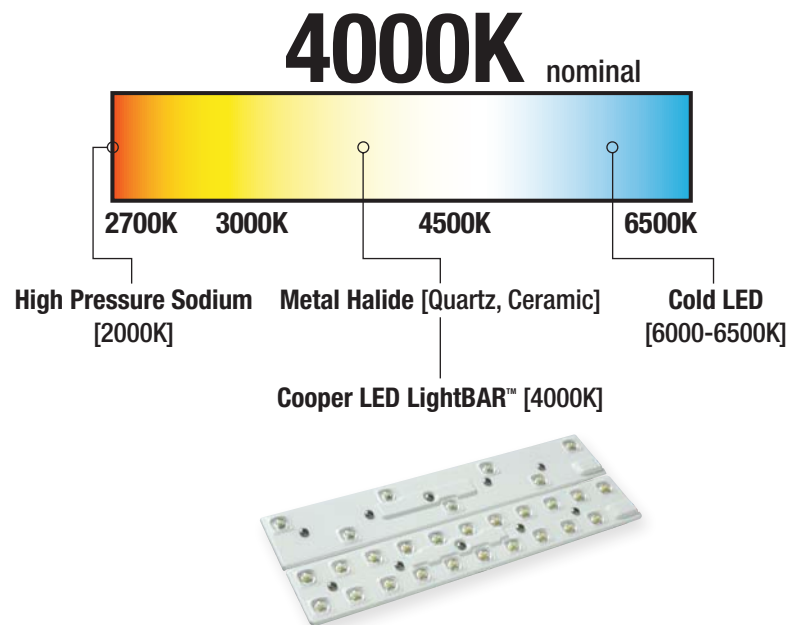


## 3 Symmetric Distributions



ACCULED OPTICS<sup>TM</sup>—THE PINNACLE OF OPTICAL EFFICIENCY AND CONTROL.

Cooper Lighting's patented AccuLED Optics<sup>TM</sup> system is the technological breakthrough that allows LightBAR<sup>TM</sup> technology to perform so effectively in application. The key is optical efficiency and control. With total efficiencies as high as 95%, the AccuLED Optics<sup>TM</sup> system is as much as 30% more efficient than traditional HID optical systems. And with thirteen (13) available beam distributions, the AccuLED Optics<sup>TM</sup> system is able to provide the flexibility and performance required for any outdoor application.



## ENJOY THE BENEFITS OF LED LIGHTING WITHOUT COMPROMISING COLOR.

For outdoor lighting applications, Lighting Designers, Architects and Specifying Engineers have long preferred light sources which provide a balanced spectral power distribution and warm white light. In recognition of this preference, Cooper Lighting LED outdoor luminaires feature a standard 4000K correlated color temperature (CCT), providing warm white light with no sacrifice in lumen output. Competing LED products typically utilize much higher CCT packages (6000-6500K), producing bluish white light which appears less natural in application and poorly renders colors. To achieve a more natural appearing color temperature—within the 3500-4500K range—these providers must derate their lumen output by 10-30%, greatly reducing fixture spacings and lighting performance.



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**The Cooper Lighting Family**

Halo  
Metalux  
Lumark  
Sure-Lites  
Neg-Ray  
Corelite  
Portfolio  
Iris  
Shaper  
io  
Lumière  
Invue  
McGraw-Edison  
Streetworks  
Fail-Safe  
MWS  
RSA  
Ametrix

**Domestic Facilities**

Cranbury, New Jersey  
Elk Grove Village, Illinois  
Irving, Texas  
Ontario, California  
Peachtree City, Georgia

**Canadian Facilities**

Calgary, Alberta T2E 7V9  
Mississauga, Ontario L5R 1B8

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