

Patent Marking Lists for Cree Lighting LED Outdoor Lighting Products

AREA

The Edge™ Area Square Products (ARE-EDG)

ARE-EDG products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|-----------|-----------|------------|
| 7,566,147 | 7,618,163 | 7,686,469 | 7,703,939 | 7,841,750 |
| 7,938,558 | 7,952,262 | 7,976,194 | 8,070,306 | 8,092,042 |
| 8,101,434 | 8,348,461 | 8,348,475 | 8,348,461 | 8,403,531 |
| 8,596,819 | 8,766,296 | 9,261,270 | 9,476,570 | 10,045,418 |
| D570,534 | D573,298 | D576,330 | | |

The Edge™ Area Round Products (ARE-EDR)

ARE-EDR products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|------------|-----------|-----------|
| 7,566,147 | 7,618,163 | 7,686,469 | 7,703,939 | 7,841,750 |
| 7,938,558 | 8,070,306 | 8,092,042 | 8,101,434 | 8,101,434 |
| 8,348,461 | 8,348,475 | 8,403,531 | 8,596,819 | 8,766,296 |
| 9,261,270 | 9,476,570 | 10,045,418 | D570,534 | D570,535 |
| D577,847 | D592,342 | D592,351 | | |

The Edge™ High Output LED Area Luminaire Products (ARE-EHO)

ARE-EDG-HO products are covered by the respective United States patents listed below:

| | | | | |
|------------|------------|------------|------------|-------------|
| 7,566,147 | 7,618,163 | 7,686,469 | 7,841,750 | 7,938,558 |
| 7,952,262 | 7,976,194 | 8,070,306 | 8,092,042 | 8,101,434 |
| 8,348,461 | 8,348,475 | 8,403,531 | 8,596,819 | 8,766,296 |
| 9,261,270 | 9,476,570 | 10,045,418 | 10,215,378 | 10,408,429* |
| 10,527,265 | 10,527,785 | D760,946 | | |

*Wide Sign, Front Line, Aisle Lighter Optics

OSQ Series

OSQ series products are covered by the respective United States patents listed below:

| | | | | |
|------------|------------|------------|--------------|------------|
| 8,766,296 | 9,121,582 | 9,255,686 | 9,404,634 | 9,410,674 |
| 9,488,339 | 9,632,295 | 9,638,405* | 9,689,552 | 9,810,421 |
| 8,348,461 | 8,348,475 | 8,766,296 | 9,261,270 | 9,476,570 |
| 10,045,418 | 10,054,285 | 10,400,984 | 10,408,429** | 10,422,503 |
| D760,946 | | | | |

*High Output only

**Wide Sign Optic

XSP Series

XSP Series products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|------------|------------|------------|
| 8,766,296 | 9,121,582 | 9,255,686 | 9,261,270 | 9,404,634 |
| 9,410,674 | 9,435,526 | 9,476,570 | 9,523,479 | 9,638,405 |
| 9,689,552 | 9,879,849 | 10,045,418 | 10,400,984 | 10,422,503 |

XSPW Series

XSPW series products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|-----------|------------|------------|
| 9,410,674 | 9,476,570 | 9,689,552 | 10,400,984 | 10,422,503 |
|-----------|-----------|-----------|------------|------------|

XSPR Series

XSPR series products are covered by the respective United States patents listed below:

| | | | | |
|-----------|------------|------------|------------|-----------|
| 8,766,296 | 9,028,087 | 9,212,812 | 9,217,854 | 9,222,632 |
| 9,243,794 | 9,255,686 | 9,255,705 | 9,404,634 | 9,410,674 |
| 9,435,519 | 9,435,526 | 9,476,570 | 9,534,775 | 9,638,405 |
| 9,689,552 | 10,045,418 | 10,400,984 | 10,422,503 | D718,482 |

PATHWAY

The Edge™ Pathway Products (PWY-EDG)

PWY-EDG products are covered by the respective United States patents listed below:

| | | | | |
|------------|-----------|-----------|-----------|-----------|
| 7,618,163 | 7,938,558 | 7,976,194 | 7,841,734 | 7,841,750 |
| 8,348,461 | 8,348,475 | 8,596,819 | 9,476,570 | 9,541,246 |
| 9,638,405* | D592,343 | | | |

*High Output only

STREET & ROADWAY

LEDway® Street Light Products (STR-LWY)

STR-LWY products are covered by the respective United States patents listed below:

| | | | | |
|------------|------------|-----------|------------|------------|
| 7,566,147 | 7,618,163 | 7,686,469 | 7,841,750 | 7,938,558 |
| 7,976,194 | 8,070,306 | 8,092,042 | 8,092,049 | 8,101,434 |
| 8,313,222 | 8,348,461 | 8,348,475 | 8,403,531* | 8,596,819 |
| 8,766,296 | 9,261,270 | 9,261,271 | 9,273,833* | 9,476,570 |
| 9,638,405 | 9,689,552* | 9,410,674 | 10,045,418 | 10,400,984 |
| 10,422,503 | D603,077 | D751,240* | | |

*High Output only

LEDway SLM™ Street Light Products (STR-SLM)

STR-SLM products are covered by the respective United States patents listed below:

| | | | | |
|------------|-----------|-----------|-----------|-----------|
| 7,566,147 | 7,618,163 | 7,686,469 | 7,841,750 | 7,938,558 |
| 7,976,194 | 8,070,306 | 8,092,042 | 8,092,049 | 8,101,434 |
| 8,313,222 | 8,348,461 | 8,348,475 | 8,766,296 | 9,638,405 |
| 9,689,552* | D636,514 | D636,514 | | |

*High Output only

LED Street-XSP Series Products (BXSP-A)

BXSP-A products are covered by the respective United States patents listed below:

| | | | |
|-----------|-----------|-----------|----------|
| 7,618,163 | 8,092,042 | 8,348,475 | D681,250 |
|-----------|-----------|-----------|----------|

RSW Series

RSW series products are covered by the respective United States patents listed below:

| | | | | |
|------------|------------|----------------|-------------|-------------|
| 9,568,662 | 9,709,725 | 9,835,317 | 9,841,154 | 9,952,372 |
| 9,958,122 | 9,967,928 | 10,045,418 | 10,094,971 | 10,310,160 |
| 10,317,608 | 10,342,094 | 10,349,484**** | 10,400,984 | D764,091*** |
| D792,627* | D823,523** | D836,235*** | D839,465*** | D841,224* |

*Large, XL only

**Medium, XL only

***Small only

****2200K only

RUL Series

RUL series products are covered by the respective United States patents listed below:

| | | | | |
|------------|------------|----------|----------|------------|
| 9,788,378 | 9,826,581 | D782,725 | D783,885 | 10,383,188 |
| 10,849,197 | 10,935,211 | | | |

DPT Series

DPT series products are covered by the respective United States patents listed below:

| | |
|-----------|-------------|
| 9,618,162 | 10,132,486* |
|-----------|-------------|

* DPT-ULSBD Only

CANOPY & SOFFIT

LED Canopy-304 Series™ Parking Products (PKG-304)

PKG-304 products are covered by the respective United States patents listed below:

| | | | | |
|------------|-----------|-----------|-----------|-----------|
| 7,566,147 | 7,637,642 | 7,686,469 | 7,938,558 | 7,976,194 |
| 8,070,306 | 8,101,434 | 8,348,461 | 8,403,531 | 8,766,296 |
| 10,045,418 | | | | |

LED Canopy-304 Series™ Recessed Soffit Products (SFT-304)

SFT-304 products are covered by the respective United States patents listed below:

| | | | | |
|------------|-----------|-----------|-----------|-----------|
| 7,566,147 | 7,686,469 | 7,938,558 | 7,976,194 | 8,101,434 |
| 8,070,306 | 8,348,461 | 8,403,531 | 8,766,296 | 9,476,570 |
| 10,045,418 | | | | |

LED Canopy-304 Series™ Recessed Soffit IC-Rated Products (SFT-304 IC)

SFT-304 IC products are covered by the respective United States patents listed below:

| | | | | |
|------------|-----------|-----------|-----------|-----------|
| 7,566,147 | 7,686,469 | 7,938,558 | 7,976,194 | 8,101,434 |
| 8,070,306 | 8,348,461 | 8,403,531 | 8,766,296 | 9,476,570 |
| 10,045,418 | | | | |

LED Canopy-227/228 Series™ Soffit Products (SFT-227/228)

SFT-227 products are covered by the respective United States patents listed below:

| | | | | |
|-----------|------------|-----------|-----------|-----------|
| 7,566,147 | 7,938,558 | 7,976,194 | 8,092,049 | 8,101,434 |
| 8,348,461 | 10,045,418 | | | |

The Edge™ Surface Canopy Products (CAN-EDG)

CAN-EDG products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|-----------|-----------|------------|
| 7,566,147 | 7,618,163 | 7,686,469 | 7,841,750 | 7,938,558 |
| 7,952,262 | 7,976,194 | 8,070,306 | 8,101,434 | 8,348,461 |
| 8,348,475 | 8,766,296 | 9,261,270 | 9,476,570 | 10,045,418 |

LED Canopy–CPY250®

CPY 250 products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|------------|------------|----------|
| 9,182,096 | 9,714,761 | 10,045,418 | 10,636,950 | D721,844 |
| D743,084 | | | | |

LED Canopy–CPT Series

CPY 250 products are covered by the respective United States patents listed below:

10,636,950

FLOOD

OL Series™ Linear Flood Products (FLD-OL)

FLD-OL products are covered by the respective United States patents listed below:

| | | | | |
|-------------|-----------|-----------|-----------|----------|
| 7,938,558 | 7,976,194 | 8,092,049 | 8,101,434 | D638,566 |
| 10,408,429* | | | | |

*Wide Sign Optic

The Edge™ Flood Square Products (FLD-EDG)

FLD-EDG products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|-----------|------------|-----------|
| 7,566,147 | 7,686,469 | 7,938,558 | 7,952,262 | 7,976,194 |
| 8,070,306 | 8,101,434 | 8,348,461 | 8,403,531 | 8,596,819 |
| 8,766,296 | 9,261,270 | 9,476,570 | 10,045,418 | D576,330 |
| D576,332 | | | | |

The Edge™ Flood Square Products (FLD-EHO)

FLD-EHO products are covered by the respective United States patents listed below:

| | | | | |
|-----------|------------|-----------|-----------|-----------|
| 7,566,147 | 7,686,469 | 7,938,558 | 7,952,262 | 7,976,194 |
| 8,070,306 | 8,101,434 | 8,348,461 | 8,766,296 | 9,261,270 |
| 9,476,570 | 10,045,418 | D576,330 | D576,332 | |

The Edge™ Flood Square Products (FLD-EDG)

FLD-EDG products are covered by the respective United States patents listed below:

| | | | | |
|-----------|------------|-----------|-----------|-----------|
| 7,566,147 | 7,686,469 | 7,938,558 | 7,952,262 | 7,976,194 |
| 8,070,306 | 8,101,434 | 8,348,461 | 8,766,296 | 9,261,270 |
| 9,476,570 | 10,045,418 | D576,332 | | |

LED Flood-304 Series™ Products (FLD-304)

FLD-304 products are covered by the respective United States patents listed below:

| | | | | |
|-------------|-----------|-----------|-----------|-----------|
| 7,566,147 | 7,618,163 | 7,686,469 | 7,841,734 | 7,841,750 |
| 7,938,558 | 7,976,194 | 8,070,306 | 8,101,434 | 8,348,475 |
| 8,348,461 | 8,403,531 | 8,766,296 | 9,261,270 | 9,476,570 |
| 10,408,429* | | | | |

*Wide Sign Optic

The Edge™ Flood Round Products (FLD-EDR)

FLD-EDR products are covered by the respective United States patents listed below:

| | | | | |
|-----------|------------|-----------|-----------|-----------|
| 7,566,147 | 7,686,469 | 7,938,558 | 7,952,262 | 7,976,194 |
| 8,070,306 | 8,101,434 | 8,348,461 | 8,766,296 | 9,261,270 |
| 9,476,570 | 10,045,418 | D576,332 | D577,847 | |

WALL MOUNT

The Edge™ Security Products (SEC-EDG)

SEC-EDG products are covered by the respective United States patents listed below:

| | | | | |
|-----------|------------|-----------|-----------|-----------|
| 7,566,147 | 7,618,163 | 7,686,469 | 7,841,750 | 7,938,558 |
| 7,952,262 | 7,976,194 | 8,070,306 | 8,092,042 | 8,092,049 |
| 8,101,434 | 8,348,461 | 8,348,475 | 8,766,296 | 9,261,270 |
| 9,476,570 | 10,045,418 | D576,332 | | |

The Edge™ Parking Structure Products (PKG-EDG)

PKG-EDG products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|------------|-----------|-----------|
| 7,566,147 | 7,637,642 | 7,686,469 | 7,938,558 | 7,952,262 |
| 7,976,194 | 8,070,306 | 8,101,434 | 8,348,461 | 8,766,296 |
| 9,261,270 | 9,476,570 | 10,045,418 | D574,549 | |

IG Series

IG products are covered by the respective United States patents listed below:

| | | | | |
|------------|------------|------------|------------|------------|
| 9,513,424 | 9,920,901 | 10,042,106 | 10,208,923 | 10,379,278 |
| 10,670,232 | 10,865,958 | D761,483 | | |

VG Series

VG products are covered by the respective United States patents listed below:

| | | | | |
|------------|-----------|-------------------|------------|--|
| 10,323,828 | 9,091,417 | <u>10,670,232</u> | 10,895,365 | |
|------------|-----------|-------------------|------------|--|

The Edge™ Transportation Products (TSP-EDG)

TSP-EDG products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 7,566,147 | 7,686,469 | 7,938,558 | 7,952,262 | 7,976,194 |
| 8,070,306 | 8,101,434 | 8,348,461 | 8,403,531 | 8,766,296 |
| 9,261,270 | 9,476,570 | | | |

LED Area Aeroblades™ Products (BXAB-P)

BXAB-P products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|-----------|-----------|------------|
| 7,618,163 | 7,841,750 | 7,938,558 | 7,976,194 | 8,101,434 |
| 8,348,461 | 8,348,475 | 9,261,270 | 9,476,570 | 10,045,418 |
| D638,976 | D645,189 | D655,434 | | |

LED Area Aeroblades™ Products (BXAB-G)

BXAB-G products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|-----------|-----------|------------|
| 7,618,163 | 7,841,750 | 7,938,558 | 7,976,194 | 8,101,434 |
| 8,348,461 | 8,348,475 | 9,261,270 | 9,476,570 | 10,045,418 |
| D638,976 | D645,189 | D638,976 | | |

LED Area Aeroblades™ Products (BXAB-W)

BXAB-W products are covered by the respective United States patents listed below:

| | | | | |
|-----------|-----------|-----------|------------|-----------|
| 7,618,163 | 7,841,750 | 7,938,558 | 7,976,194 | 8,348,461 |
| 8,101,434 | 9,261,270 | 9,476,570 | 10,045,418 | D638,976 |
| D645,189 | | | | |