

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 | 8,403,531 | 8,596,819 |
| 9,261,270 | 9,476,570 | RE49,637 | | |

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 | 8,348,461 |
| 8,348,475 | 8,403,531 | 8,596,819 | 9,261,270 | 9,476,570 |
| 9,541,246 | RE49,637 | | | |

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 | 9,261,270 |
| 9,476,570 | 10,215,378 | 10,408,429* | 10,527,265 | 10,527,785 |
| D760,946 | RE49,637 | | | |

^{*}Wide Sign, Front Line, Aisle Lighter Optics

OSQ Series

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

| 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 | 9,261,270 | 9,476,570 | 9,541,246 | 10,054,285 |
| 10,400,984 | 10,408,429** | 10,422,503 | 11,112,083 | D760,946 |
| RE49,637 | 11,549,659*** | 11,393,961*** | 11,313,532*** | 11,549,659*** |

^{12,136,689***}

^{*}High Output only

^{**}Wide Sign Optic

^{***}OSQ-C



XSP Series

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

| 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 | 10,400,984 | 10,422,503 | 11,112,083 | RE49,637 |

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 |
|------------|-----------|-----------|------------|------------|
| 11.112.083 | D753.864 | | | |

XSPR Series

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

| 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 |
| 10,400,984 | 10,422,503 | 11,112,083 | D718,482 | RE49,637 |

Traveyo Series

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

| 7,618,163 | 8,070,306 | 9,261,270 | 9,638,405 | 9,410,674 |
|------------|-----------|-----------|-----------|-----------|
| 10.636.950 | | | | |

The Noctura® Area Products (NTA)

The Noctura® Area Products are covered by the respective United States patents listed below:

| 7,618,163 | 8,070,306 | 8,092,042 | 8,348,475 | 8,403,531 |
|-----------|-----------|-----------|-----------|-----------|
| 8,596,819 | 9,261,270 | 9,476,570 | RE49,637 | |



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* | | | | |

^{*}High Output only

OSQ Pathway (OSQP)

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

12,136,689

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 |
| 9,261,270 | 9,261,271 | 9,273,833* | 9,476,570 | 9,638,405 |
| 9,689,552* | 9,410,674 | 10,400,984 | 10,422,503 | 11,112,083 |
| 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 | 9,638,405 | 9,689,552* |
| 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:

| 9,488,359 | 9,568,662 | 9,709,725 | 9,835,317 | 9,841,154 |
|-------------|-------------|---------------|------------|-------------|
| 9,952,372 | 9,958,122 | 9,967,928 | 10,094,971 | 10,310,160 |
| 10,317,608 | 10,342,094 | 10,349,484*** | 10,400,984 | 11,112,083 |
| 11,655,950 | D764,091*** | D792,627* | D823,523** | D836,235*** |
| D839,465*** | D841,224* | RE49,637 | · | · |

^{*}Large, XL only

GUIDEWAY™ Series

The Guideway[™] series products are covered by the respective United States patent(s) listed below:

11,393,961

12,136,689

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** | 11,549,659* | 11,549,659*** | D1,021,207*** |

^{*}RUL-B

DPT Series

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

9,435,528

9,618,162

10,132,486*

^{**}Medium, XL only

^{***}Small only

^{****2200}K only

^{**}RUL-C

^{*} 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 | RE49,637 |

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 | 9,476,570 | RE49,637 |

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 | 9,476,570 | RE49,637 |

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 | RE49.637 | | | |

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 | 9,261,270 | 9,476,570 | RE49,637 | |

LED Canopy-CPY250®

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

| 9,182,096 | 9,714,761 | 10,636,950 | D721,844 | D743,084 |
|-----------|-----------|------------|----------|----------|
| RE49,637 | | | | |



LED Canopy-CPT Series

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

10,636,950

LED Canopy-CPY500™

CPY500[™] products are covered by the respective United States patents listed below:

11,085,599

D1,001,340

11,555,586*

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 |
| 9,261,270 | 9,476,570 | RE49,637 | | |

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 | 9,261,270 | 9,476,570 |

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 | 9,261,270 | 9,476,570 |
| RE49,637 | | | | |

^{*}DM Version only



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 | 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 | 9,261,270 | 9,476,570 |
| RE49,637 | | | | |

NOCTURA Series™ Products are covered by the respective United States patent(s) listed below:

D1,010,193

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 | 9,261,270 | 9,476,570 |
| RE49,637 | | | | |

OSQ wall mount (OSQW)

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

12,136,689

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 | 9,261,270 |
| 9.476.570 | RE49.637 | | | |



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 | 11,655,950 | 11,536,894 |

VG Series

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

10,323,828 9,091,417 10,670,232 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 | 9,261,270 |
| 9,476,570 | | | | |