One Product Family multiple configurations, Matrix optimizes performance, flexibility, output, efficiency and value. Offered in four mounting options, Matrix is ideal for high mounting height applications such as large parking areas, retail centers, distribution centers and perimeter lighting. Outputs begin at 30,000 lumens with maximum output exceeding 60,000 lumens.

Beacon Products’ exclusive Strike Optics for Matrix deliver category leading performance. By maximizing target efficiency, Matrix ensures simple layout design that is high in uniformity and minimal in light trespass. This control reduces energy consumption, lowers installation costs, and improves visual acuity.

Advanced luminaire design separates Matrix from other area and site products. Matrix is designed for sustained, long-term performance with advanced thermal management, an elegantly simple heat sink and industry leading surge protection.

SiteSync™ and Energeni integrated controls provide outstanding performance with an exceptional value. Pre-commissioned and simple to use, Matrix controls give the most novice of users the ability to create robust control schedules for maximized energy savings.
Matrix combines superior luminaire design with excellent versatility, performance and value. Standard and specialty distributions make the Matrix the choice for high lumen, high mounting height applications with outputs exceeding 60,000 lumens. This enables higher foot candle averages and improves uniformity compared to legacy 1000 watt HID systems. Control options featuring SiteSync™, Energini, and occupancy controls enable optimum energy-savings and customization.

Matrix flood with knuckle for large area applications. These luminaires are designed as direct replacements for 750 to 1000 watt HID luminaires with beam spreads to meet a variety of floodlighting requirements.
Matrix Strike Optic

- Superior Control, Outstanding Efficiency.

- Symmetry in Design: Reduces contrast in transition zones from one luminaire to the next.

- Wider illumination at the curb line allows for increased pole spacing, reducing material, installation, and operating costs.

- Low percentage of spill light at house side saves energy and reduces light trespass issues.

- Even distribution of intensity improves visual acuity.

- Wider illumination at the curb line allows for increased pole spacing, reducing material, installation, and operating costs.

- Low percentage of spill light at house side saves energy and reduces light trespass issues.

- Spread of intensity improves visual acuity.

- Wider illumination at the curb line allows for increased pole spacing, reducing material, installation, and operating costs.

- Low percentage of spill light at house side saves energy and reduces light trespass issues.

- Spread of intensity improves visual acuity.

- Wider illumination at the curb line allows for increased pole spacing, reducing material, installation, and operating costs.

- Low percentage of spill light at house side saves energy and reduces light trespass issues.

- Spread of intensity improves visual acuity.
SiteSync™ delivers flexible control options for reducing power consumption and minimizing maintenance costs while delivering the right light levels with a simple and affordable wireless solution.

ENERGENI lighting control is a simple way for owners to save money by dimming the fixtures during unoccupied hours. ENERGENI has flexible setting options to work with fixtures activated by photocontrols or time clocks. The delay and dimming level options can be configured at the factory or re-configured at will in the field without the need for special cables or computers.

Occupancy Sensors
Sensors control light output based on area utilization. Use for energy savings and local code compliance. (see control options)

Simple, Reliable and Affordable...With SiteSync’s pre-programmed approach, installation becomes a quick and easy process, greatly reducing the complexity, time, and cost compared to typical field commissioning.

SiteSync is based on a wireless mesh network architecture that enables luminaries to operate independently without the need for web based connectivity. This provides a cyber safe platform that delivers reliable communication and control versus other gateway based systems. With a complete offering of Hubbell Lighting site and area, decorative, garage, wall, and flood LED luminaires available with SiteSync, you have the flexibility to create an intelligent outdoor lighting package that will meet a wide variety of application needs.

SiteSync System Diagram

Energeni
ENERGENI has flexible setting options to work with fixtures activated by photocontrols or time clocks. The delay and dimming level options can be configured at the factory or re-configured at will in the field without the need for special cables or computers.

SETTING OPTIONS
ENERGENI has 32 pre-programmed functional settings that can be selected with its five DIP switches. The combination of switch settings allows for options of set dimming, timed dimming with a simple delay or timed dimming based on hours of operation or time at night.

SET DIMMING
The set dimming option allows for a pre-set dimming level that occurs immediately after turning on the fixtures. This setting is ideal for applications where you want the flexibility to adjust light levels after installation.

DIMMING BASED ON TIME OF NIGHT
For applications looking for set dim level at night due to local code requirements or business operation, ENERGENI can be set to dim at approximately the same time each evening.

DIMMING BASED ON HOURS OF OPERATION
For applications that may want the lights to burn for a set number of hours, the ENERGENI can be set to dim after a fixed time has passed. Multiple delay and brightness options are available.

FOR MORE INFO:
www.hubbell-automation.com/products/sitesync

FOR MORE INFO:
http://cdn.beaconproducts.com/content/products/literature/literature_files/energeni_brochure_web.pdf

INTEGRATED CONTROLS

Occupancy Sensors
Sensors control light output based on area utilization. Use for energy savings and local code compliance. (see control options)

FOR MORE INFO:
www.beaconproducts.com
### AREA ORDERING INFORMATION

**MA/A**

| SERIES | MODEL | NC | ENGINE | CCT | CT/CC | ROTATION
|--------|-------|----|--------|-----|-------|-------------------|
| 80L-260D | 260W, 33,000 lm | A | 347V | 3K7 | 5000K | Left
| 555W | 60,000 lm | A | 3K7 | 5000K | Right
| 500W | 49,000 lm | A | 4K7 | 4000K | Right
| 425W | 40,000 lm | A | 5K7 | 5000K | Right
| 370W | 33,000 lm | A | 5K7 | 5000K | Right
| 325W | 33,000 lm | A | 5K7 | 5000K | Right
| 300W | 33,000 lm | A | 5K7 | 5000K | Right
| 260W | 30,000 lm | A | 5K7 | 5000K | Right
| 225W | 28,000 lm | A | 5K7 | 5000K | Right
| 200W | 25,000 lm | A | 5K7 | 5000K | Right
| 185W | 24,000 lm | A | 5K7 | 5000K | Right
| 170W | 23,000 lm | A | 5K7 | 5000K | Right
| 150W | 21,000 lm | A | 5K7 | 5000K | Right
| 135W | 19,000 lm | A | 5K7 | 5000K | Right
| 120W | 17,000 lm | A | 5K7 | 5000K | Right
| 105W | 15,000 lm | A | 5K7 | 5000K | Right
| 90W | 13,000 lm | A | 5K7 | 5000K | Right
| 75W | 11,000 lm | A | 5K7 | 5000K | Right
| 60W | 9,000 lm | A | 5K7 | 5000K | Right
| 45W | 7,000 lm | A | 5K7 | 5000K | Right
| 30W | 5,000 lm | A | 5K7 | 5000K | Right

**ORDERING EXAMPLE:** MA/A/96L-545/5K7/9/UNV/ASQ/DBT/7PR-TL/BC

### FLOOD ORDERING INFORMATION

**MA/F**

| SERIES | MODEL | VOLTAGE | CCT | CT/CC | OPTIONS
|--------|-------|---------|-----|-------|-------------------|
| 104-265 | 260W, 33,000 lm | 3K7 | 5000K | Right
| 104-300 | 300W, 33,000 lm | 4K7 | 3000K | 70 CRI
| 104-330 | 330W, 33,000 lm | 3K7 | 5000K | 70 CRI
| 104-425 | 425W, 46,000 lm | 5K7 | 3000K | 70 CRI
| 104-550 | 550W, 60,000 lm | 5K7 | 3000K | 70 CRI
| 104-610 | 610W, 65,000 lm | 5K7 | 3000K | 70 CRI

**ORDERING EXAMPLE:** MA/F/104-265/5K7/UNV/K/DB/7PR-TL

### CONTROL OPTIONS

- **SCPREMOTE**: Order at least one SiteSync interface Accessory SWUSB or SWUSB.
- **SiteSync Wireless Bridge Node**
- **SiteSync Windows Tablet**
- **SWUSB**: SiteSync Software on USB
- **Control Accessories**: SWPM/40F, SWPM/40F
- **Sensor**: 7 pin PCR with photo control
- **Pre-Commission**: Pre-commissioned Line Voltage sensor
- **Low Voltage sensor**: 7 pin PCR with shorting cap
- **GENI2,3**: Geni2,3 power feed with 2 drivers
- **Energeni**: Energeni with shorting cap
- **Line Voltage sensor**: Programmable Line Voltage sensor
- **GENI**: Line Voltage sensor
- **Matrix**: 11
- **10**: For more information:
- **13**: 480V Fuse
- **14**: 208V Fuse
- **15**: 277V Fuse
- **16**: 120V Fuse
- **17**: 240V Fuse

### ACCESSORIES AND SERVICES

**Accessories (Ordered Separately)**

- **SiteSync Software on USB**: SWUSB
- **SiteSync Windows Tablet**: SWTAB
- **SiteSync Wireless Bridge Node**: SWBNG
- **Supreme Remote Control**: Supreme Remote Control
- **SiteSync External Control Node**: WIR/REL

**Control Accessories**

- **SiteSync Software on USB**: SWUSB
- **SiteSync Windows Tablet**: SWTAB
- **SiteSync Wireless Bridge Node**: SWBNG
- **Supreme Remote Control**: Supreme Remote Control
- **SiteSync External Control Node**: WIR/REL

**Accessories**

- **MA/FL**: Laser
- **MA/PP-XS**: Walk

### DIMENSIONS

**Model**: 260W, 33,000 lm

- **Width**: 26.0 in
- **Height**: 20.0 in
- **Depth**: 41.9 in

**Model**: 555W, 60,000 lm

- **Width**: 26.0 in
- **Height**: 20.0 in
- **Depth**: 41.9 in

**Model**: 500W, 49,000 lm

- **Width**: 26.0 in
- **Height**: 20.0 in
- **Depth**: 41.9 in

**Model**: 425W, 40,000 lm

- **Width**: 26.0 in
- **Height**: 20.0 in
- **Depth**: 41.9 in

**Model**: 370W, 33,000 lm

- **Width**: 26.0 in
- **Height**: 20.0 in
- **Depth**: 41.9 in

**Model**: 325W, 33,000 lm

- **Width**: 26.0 in
- **Height**: 20.0 in
- **Depth**: 41.9 in

**Model**: 300W, 33,000 lm

- **Width**: 26.0 in
- **Height**: 20.0 in
- **Depth**: 41.9 in