



premier

LIGHT ENGINE series

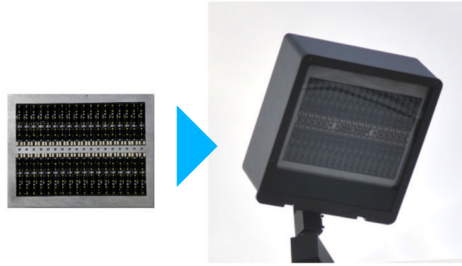


These unique LIGHT ENGINES
can be made to ANY specs
to fit ANY luminaire
in *as LITTLE as 24 hours.*



THE LIGHT ENGINES :

- 60-80% energy savings
- 50,000-100,000 hr lifetime
- 5 yr warranty
- Fully certified and tested: ETL, UL, DLC



THE PROCESS :

- Identify luminaires to convert to LED
- Specify certain options like color temp. and voltage
- Send a **complete** fixture OR specs and images
- Get sleek light engines that will save you money and time with aesthetics intact!

NEW CONSTRUCTION :

- **Now you can** seamlessly integrate an LED light engine into any fixture – including fixtures intended for metal halide, fluorescent or induction lighting.
- Whatever specifications or aesthetic demands your building project has, get LED on the inside, and whatever you want on the outside.

RETROFIT :

- Make any existing lighting array LED!
- Improve current lighting output, color, durability and ambiance.
- Installation is as easy as changing a bulb.

THE RESULT :

“We couldn’t believe how well it went – the light engine fit beautifully and they literally got it to us the very next day.”

*Usually dealing with LEDs is a pain because of variable LED quality, long lead times, lack of product diversity – **but this LED solution eliminates all of the hassle and then some!**”*

- Mark Kirksey, Quotations
Manager, Blazer Electric, CO

POSSIBLE RETROFITS:

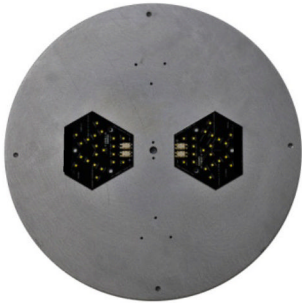
LIGHT ENGINES:



HEX.21.ROU



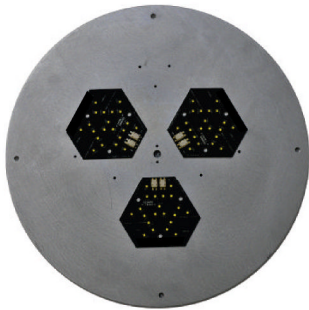
22 W / 21 LEDS / 2210 LUMENS / REPLACES 100 W



HEX.42.ROU



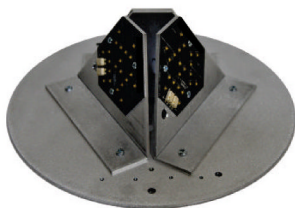
49 W / 42 LEDS / 4550 LUMENS / REPLACES 100-200 W



HEX.63.ROU



77 W / 63 LEDS / 7383 LUMENS / REPLACES 150-275 W



HEX.63.PYR

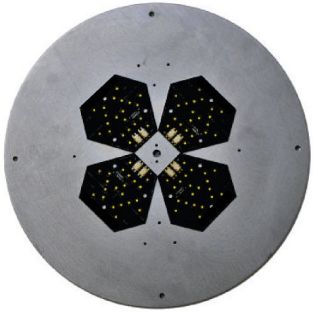


77 W / 63 LEDS / 7383 LUMENS / REPLACES 150-275 W

+ many more...

LIGHT ENGINES:

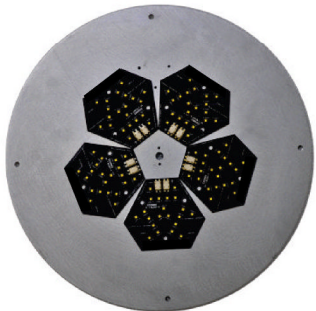
POSSIBLE RETROFITS:



HEX.84.ROU



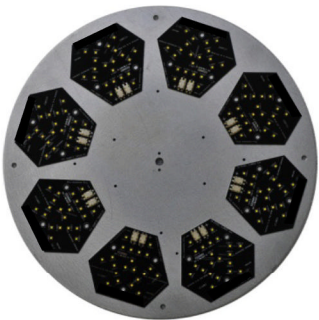
102W / 84 LEDS / 9620 LUMENS / REPLACES 200-350W



HEX.105.ROU



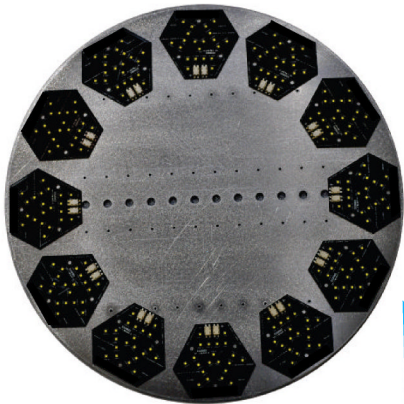
127W / 105 LEDS / 11700 LUMENS / REPLACES 275-450W



HEX.168.ROU



200W / 168 LEDS / 18720 LUMENS / REPLACES 500-750W



HEX.252.ROU



306W / 252 LEDS / 28860 LUMENS / REPLACES 700-1000W

+ many more...

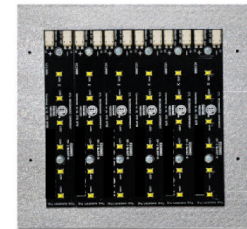
POSSIBLE RETROFITS:

LIGHT ENGINES:



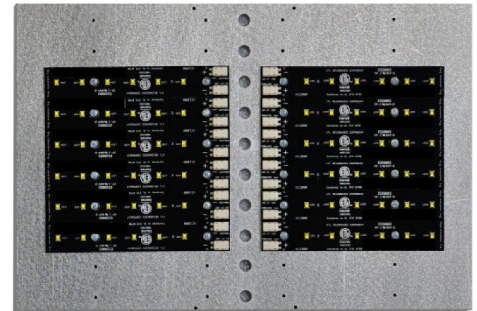
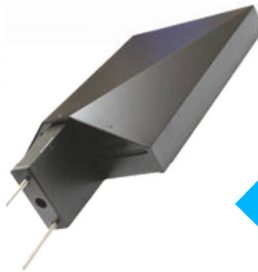
LIN.24.FIN

21 W / 24 LEDs / 1941 LUMENS / REPLACES 100 - 125 W



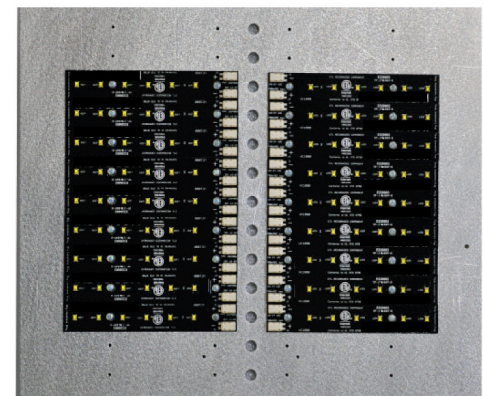
LIN.36.REC

43 W / 36 LEDs / 3978 LUMENS / REPLACES 100 - 150 W



LIN.72.REC

85 W / 72 LEDs / 7618 LUMENS / REPLACES 150 - 300 W



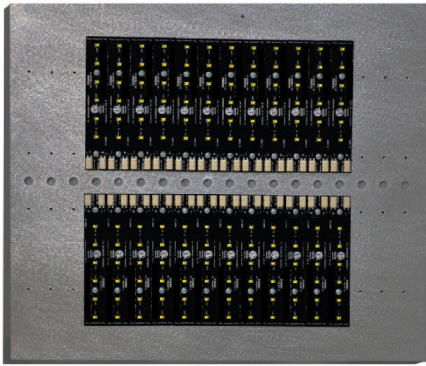
LIN.108.REC

128 W / 108 LEDs / 12337 LUMENS / REPLACES 250 - 500 W

+ many more...

LIGHT ENGINES:

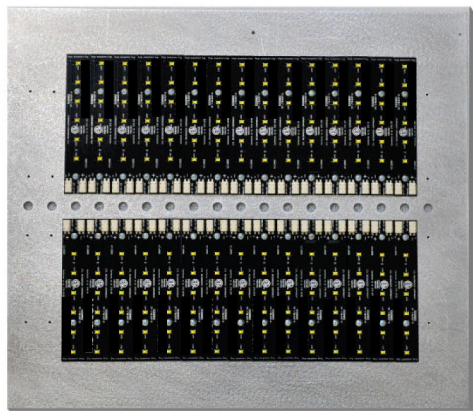
POSSIBLE RETROFITS:



LIN.144.REC



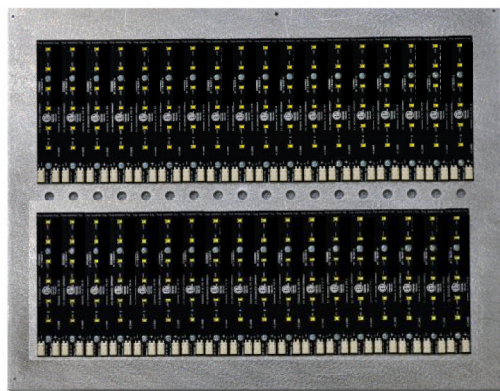
161 W / 144 LEDs / 16588 LUMENS / REPLACES 400-700 W



LIN.180.REC



211 W / 180 LEDs / 23062 LUMENS / REPLACES 600-850 W



LIN.216.REC



237 W / 216 LEDs / 25693 LUMENS / REPLACES 750-1000 W

+ many more...

SPECIFICATIONS



ELECTRICAL CHARACTERISTICS

- Standard AC input: up to 480 VAC
- EMI filter: 47CFR, part 2, part 15
- Power factor: > .9
- Total harmonic distortion: <20%
- Surge protection: IEC/EN 61000-4-5 EMC test standard

LED BULB

- Rated life of 100,000+ hrs
- Operating temp: -30° C to +60° C
- No toxic chemicals/ROHS compliant
- ETL certified
- 50-90% energy savings

INSTALLATION

- Easy-to-use installation instructions included
- Licensed electrician required
- Contact Eco-\$mart for additional support

WARRANTY

- 5 year manufacturer's warranty
- US manufacturing and quality control
- Meets UL standards

OPTIONAL UPGRADES

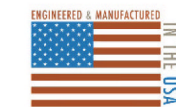
- Motion detection
- Remote dimming
- Photo sensors
- Solar hybridization
- Lighting management controls

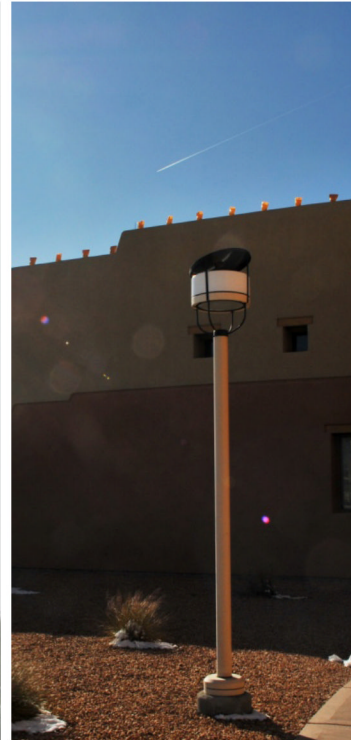
CERTIFICATIONS

DESIGNLIGHTS
CONSORTIUM



Intertek





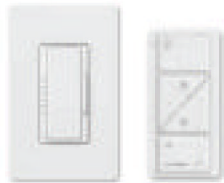
UPGRADES

PHOTO SENSING LIGHTING CONTROLS



- Housing: Weatherproof Lexan - 2" x 1.5" x 1" sensor on 2" connector
- Adjustability: slide mechanism for sensitivity
- Mounting: 1/2" knockout compatibility
- Location: indoor/outdoor
- Voltage: up to 277VAC
- Features: swivel mount for easy positioning at install

WIRELESS DIMMING LIGHTING CONTROLS



- Remote dimming control
- 0-10V dimming
- Location: indoor/outdoor
- Voltage: up to 277VAC
- Dim up to 10 loads

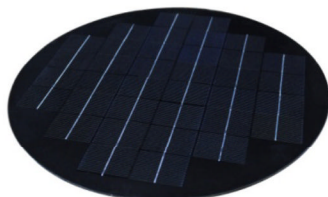


MOTION SENSING LIGHTING CONTROLS



- Adjustability: 15 second to 30 minute delay, sensitivity
- Location: indoor only
- Voltage: up to 277VAC
- Range: up to 40ft mounting height

SOLAR POWER



- Full solar (completely off-grid)
- Solar-grid hybrid system (This option, using technology patented by Noribachi, allows the light to switch from grid to solar power.)