



WELCOME TO REMPHOS



Remphos
TECHNOLOGY



os



PERSONALIZED CUSTOMER SERVICE

REMPHOS BUILDS STRONG RELATIONSHIPS WITH EXCELLENT CUSTOMER SERVICE AND IMMEDIATE RESPONSE TO ISSUES. WE SUPPORT YOU BEFORE, DURING AND AFTER YOUR PURCHASE.

PROVEN PRODUCT RELIABILITY

REMPHOS APPLIES THE PRINCIPLES OF TRUST, INTEGRITY AND COMMITMENT IN OUR MANUFACTURING, DESIGN AND DEVELOPMENT, RESULTING IN PROVEN TRACK RECORDS AS A SUPPLIER TO THE LARGEST LIGHTING OEMS.

FOCUSED PRODUCT DESIGN

FROM OUR PRODUCT INCEPTION TO YOUR INSTALLATION, OUR GOAL IS TO SAVE OUR CUSTOMERS MONEY. OUR PRODUCTS EXCEED DESIGN AND PERFORMANCE CRITERIA EQUALING COST-EFFECTIVE METHODS TO LIGHTING.

FAST LEAD TIMES

PRODUCT DELIVERY SCHEDULED TO MEET YOUR LEAD TIMES. MOST ITEMS IN STOCK. CUSTOM ITEMS RECEIVE PRIORITY FROM OUR ENGINEERING AND PRODUCTION TEAMS.



WE ARE STRATEGISTS, ENGINEERS, CREATIVES, SCIENTISTS AND DESIGNERS.
WE ARE UNCONVENTIONAL. WE ARE INNOVATIONAL. WE ARE SAVVY. WE ARE REMPHOS.
YOU ARE OUR PRIORITY.



David L. Gershaw is an American inventor and entrepreneur. He is the founder of two high-tech design and manufacturing companies. As a high school student, David started his first company designing and producing an LED upgrade for BMW headlights sold through BMW parts catalogs and distributors nationwide. He filed his first patent at 17 and has since authored 9 patents related to LED technology. In 2008 while earning his engineering and business degrees, he launched RemPhos Technologies.

David is determined to have RemPhos reduce America's carbon footprint through lighting alternatives and believes that LED technology is a proven solution. He shares his knowledge as a guest presenter at industry conferences and as an invited student mentor for non-profit and academic presentations.

REMPHOS GROUNDBREAKING, MIDDLETON, MA
SEPTEMBER 21ST 2016



EXPLORE THE REMPHOS LINE OF
lamps

linear P 9, 10

screw base P 11

FIRST CONGREGATIONAL, WEST SPRINGFIELD, MA
REMPHOS LEDSS INSTALLED IN CHURCH SANCTUARY





HIGH EFFICACY

Highest in class up to 170LPW.

WARRANTY

5-10 year warranties available.

TOTALtUBE

Plug + Play or Ballast Bypass .

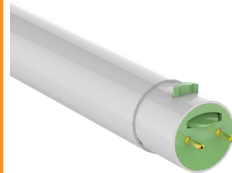
SAFETY

Integrated intelligent switching systems - SMARTSENSE-TLED® + TEMPSENSE®.

THERMAL STABILITY ENVIRONMENTAL PROTECTION

Highly engineered heatsinks and weatherproof protection for outdoor use on our screw in HID replacement lamps.

OUR TOTALTUBE T8 WORKS WITH OR WITHOUT A FLUORESCENT BALLAST. FEATURES OUR SMARTSENSE-TLED® SWITCH ALLOWS FOR DOUBLE ENDED POWER INPUT USING SHUNTED OR NON-SHUNTED LAMP HOLDERS. 240° BEAM ANGLE SPREAD. ALL WITH A 7 YEAR WARRANTY.



TOTALTUBE® T8 G2

Ballast compatible + line voltage

SOURCE	LED
WATTAGE	9-16
LUMENS	1250-2250
VOLTAGE	120-277V AC OR FL BALLAST
LENGTH (FT)	2, 3, 4, U-BENT
EFFICACY	≥138 LPW
LIFETIME	L70 >100,000 HRS



BCTUBE® T8

Dimming ballast compatible (UL Type A T8)

SOURCE	LED
WATTAGE	12-14
LUMENS	1680-1860
VOLTAGE	FL BALLAST
LENGTH (FT)	2, 3, 4
EFFICACY	≥130 LPW
LIFETIME	L70 >100,000 HRS



DIMS SMOOTHLY ON LOW VOLTAGE AND LINE VOLTAGE FL BALLASTS.



WORKS ON HE OR HO FLUORESCENT BALLAST. 4FT IS DLC LISTED. PERFECT FOR HIGH-BAY RETROFITS.



EXT DRIVE T8

External driver (UL Type C)

SOURCE	LED
WATTAGE	9-15*
LUMENS	1080-1740*
VOLTAGE	120-277V AC
LENGTH (FT)	2, 3, 4
EFFICACY	≥116 LPW
LIFETIME	L70 >100,000 HRS



* Lumens and wattage with 1 lamp



TOTALtUBE® T5

Ballast compatible or HE or HO (UL Type A T5)

SOURCE	LED
WATTAGE	11-24*
LUMENS	1500-3100
VOLTAGE	FL BALLAST
LENGTH (FT)	2, 3, 4
EFFICACY	≥125 LPW
LIFETIME	L70 >100,000 HRS



* Wattage is bare lamp (not system)



INTDRIVE T5

Line voltage (UL Type B)

SOURCE	LED
WATTAGE	10-35
LUMENS	1300-4550
VOLTAGE	120-277V AC
LENGTH (FT)	2, 3, 4, 5
EFFICACY	130 LPW
LIFETIME	L70 >100,000 HRS



T8 diameter with mini bi-pin (G5) spacing



LEDBIAX

Line voltage (UL Type B)

SOURCE	LED
WATTAGE	15-20
LUMENS	1500-2000
VOLTAGE	120-277V AC
LENGTH (IN)	16, 22
EFFICACY	100 LPW
LIFETIME	L70 >100,000 HRS





LEDSS G2

Omnidirectional 360° + uplight

SOURCE	LED
WATTAGE	15-125
LUMENS	2000-19000
VOLTAGE	120-277V AC
HEIGHT (IN)	5.6 - 13.9
EFFICACY	>130 LPW
LIFETIME	L70 >100,000 HRS



LEDSS H (Horizontal)

Horizontal 180° directional output

SOURCE	LED
WATTAGE	20-40
LUMENS	3000-6000
VOLTAGE	120-277V AC
HEIGHT (IN)	7.5, 10.3
EFFICACY	>130 LPW
LIFETIME	L70 >100,000 HRS



LEDSS G2

Omnidirectional 360°

SOURCE	LED
WATTAGE	30-50
LUMENS	4000-5600
VOLTAGE	120-277V AC
HEIGHT (IN)	10
EFFICACY	>130 LPW
LIFETIME	L70 >100,000 HRS



UNIQUE DESIGN TO MATCH APPEARANCE OF TRADITIONAL LAMP. LIGHT IS EMITTED TO HIT REFLECTORS AND OPTICS INSIDE ORIGINAL FIXTURE.

180° DIRECTIONAL LIGHT OUTPUT. FOR USE IN WALLPACKS, FLOODLIGHTS, CANOPY AND SHOEBOX. SOCKET ROTATES FOR DESIRED ORIENTATION.



THE POWER OF THE REMPHOS retrofit kits

drum + sconce + vanity P 15

HID + HPS + MH P 16

linear P 17

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BOSTON FINANCIAL HEADQUARTERS, BOSTON, MA
REMPHOS LEDBLOCK RETROFITTED INTO GARAGE FIXTURES



RETROFIT KITS | drum + sconce + vanity
HID + HPS + MH
linear



HIGHLY FLEXIBLE FOR CUSTOMIZABLE USE

Each product can be configured at the factory or infield for fit in a wide variety of fixture types and sizes.

EASY TO INSTALL

All mounting hardware included. Installation method optimized for a fast install.

ELIMINATES THE NEED FOR BALLAST AND SOCKETS

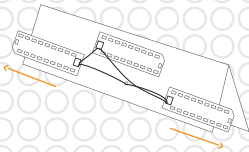
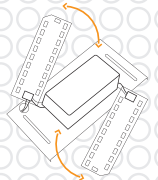
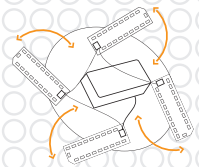
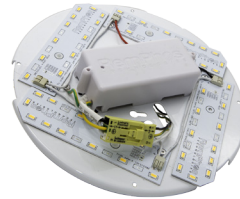
Providing a reliable long term install.

OPTIONAL INTEGRATED HIGH/LOW OCCUPANCY AND DAYLIGHT SENSORS

Sensor can read through plastic and glass fixture lenses.

RETROFIT KITS | drum + sconce + vanity
HID + HPS + MH
linear

OUR LEDCR, SR AND VR FEATURE A PATENT-PENDING DESIGN ALLOWING THE LED BOARDS TO BE EASILY ORIENTED ACHIEVING THE DESIRED POSITION TO FIT FIXTURES OF DIFFERENT SHAPES AND SIZES. THESE RETROFIT KITS CAN BE PAIRED WITH OUR INTEGRATED OCCUPANCY SENSOR FOR MAXIMUM ENERGY SAVINGS.



LEDCR

Drum and pendant fixture retrofit

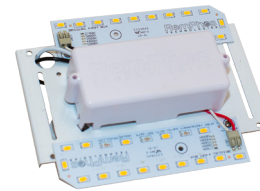
SOURCE	LED
WATTAGE	7-27
LUMENS	900-3000
VOLTAGE	120-277V AC
DIAMETER (IN)	9
EFFICACY	>110 LPW
LIFETIME	L70 >100,000 HRS



LED SR

Sconce fixture retrofit

SOURCE	LED
WATTAGE	7
LUMENS	900
VOLTAGE	120-277V AC
SIZE (IN)	6.5 x 4
EFFICACY	120 LPW
LIFETIME	L70 >100,000 HRS



LEDVR

Bathroom vanity fixture retrofit

SOURCE	LED
WATTAGE	10-12
LUMENS	1200, 1600
VOLTAGE	120-277V AC
LENGTH (IN)	12, 16, 20
EFFICACY	>120 LPW
LIFETIME	L70 >100,000 HRS



EASILY RETROFIT ALMOST ANY VANITY FIXTURE WITH THIS HIGH EFFICIENCY LED KIT. DESIGNED FOR A QUICK INSTALL.

RETROFIT KITS | drum + sconce + vanity
 HID + HPS + MH
 linear

THE LEDSS EXT® COMES WITH A PROPRIETARY ADJUSTABLE BRACKET SYSTEM FOR EASY INSTALLATION. ALLOWS THE LIGHT ENGINE TO BE MOUNTED TO VIRTUALLY ANY FIXTURE IN EITHER BASE UP OR BASE DOWN ORIENTATION.

INTEGRATED PATENTED OPTICS ON EACH LED DIRECTS LIGHT DOWN TO THE GROUND.



LEDSS EXT

Omnidirectional 360° post-top retrofit kit

SOURCE	LED
WATTAGE	16, 40
LUMENS	1800-4400
VOLTAGE	120-277V AC
HEIGHT (IN)	3-5
EFFICACY	>110 LPW
LIFETIME	L70 >100,000 HRS



LEDBLOCK G3

Directional 180° HID retrofit kit

SOURCE	LED
WATTAGE	30-270
LUMENS	5000-40000
VOLTAGE	120-277V AC
SIZE	4.7x5.2 to 10.6x10.5
EFFICACY	>160 LPW
LIFETIME	L70 >100,000 HRS



OUR FLEXIBLE MOUNTING SYSTEM MAKES THE LEDBLOCK G3 THE PERFECT RETROFIT FOR VARIOUS FIXTURES INCLUDING HIGHBAY, SHOEBOX, WALL PACK AND FLOOD LIGHTING.





LEDBARKITJ

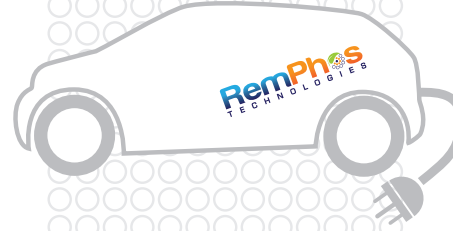
Linear FL fixture retrofit kit

SOURCE	LED
WATTAGE	10-60
LUMENS	1300-7800
VOLTAGE	120-277V AC
LENGTH (FT)	2, 3, 4
# OF LAMPS	1, 2, 3 PER DRIVER
EFFICACY	130 LPW
LIFETIME	L70 >100,000 HRS



RETROFIT KITS | drum + sconce + vanity
HID + HPS + MH
linear

REMPHOS & THE BMW i3.
LIGHTING SMART. DRIVING SMART.
COME DRIVE OUR ALL-ELECTRIC
BMW i3. THE INSIDE DOOR PANELS
ARE MADE OF SWAMP GRASS,
THE DASH OF RECYCLED EUCALYPTUS.





TAKE ADVANTAGE OF THE REMPHOS
indoor + outdoor
fixtures

sconce P 21
drum P 22, 23
linear P 24, 25
industrial P 26
garage + canopy P 27
wallmount P 28
special application P 29

• • •
BOSTON UNIVERSITY, 700 COMMONWEALTH AVENUE, BOSTON MA
REMPHOS DESIGNER DRUMS INSTALLED IN HALLWAYS



FIXTURES | sconce
drum
linear
troffer
industrial
garage + canopy
wallmount
special application



FUTURE PROOF YOUR LIGHTING

Many fixtures feature an infield replaceable and upgradeable light engine, such as the LEDCR.

HIGHEST IN-CLASS DELIVERED EFFICIENCY AND FOOT CANDLES

130 LPW LEDCR light engine and proprietary high transmission fixture lenses have 20-50% more light output at same wattage compared to competition.

OPTIONAL INTEGRATED HIGH/LOW OCCUPANCY AND DAYLIGHT SENSORS

Sensor can read through plastic and glass fixture lenses.

AVAILABLE EMERGENCY BATTERY BACKUP

Most fixture styles can include embedded EMG battery backup without the need for increasing fixture height, this means a cleaner, more uniform appearance between fixtures with and without EMG.



DESIGNER SCONCE

Decorative, cost effective fixture

SOURCE	LED
WATTAGE	7
LUMENS	900
VOLTAGE	120-277V AC
LENGTH (IN)	11
EFFICACY	120 LPW
LIFETIME	L70 >100,000 HRS



SCONCE FIXTURE
FEATURES THE
REPLACEABLE LEDSR
LIGHT ENGINE.

IN SEPTEMBER OF 2016 WE
BROKE GROUND FOR OUR
WORLDWIDE HEADQUARTERS IN
MIDDLETON, MASSACHUSETTS.

FIXTURES | sconce
drum
linear
industrial
garage + canopy
wallmount
special application



- FIXTURES** sconce
 drum
 linear
 industrial
 garage + canopy
 wallmount
 special application



UTILITY DRUM

Indoor mushroom style fixture

SOURCE	LED
WATTAGE	7-27
LUMENS	720-2400
VOLTAGE	120-277V AC
SIZE (IN)	11, 14
EFFICACY	100 LPW
LIFETIME	L70 >100,000 HRS



DESIGNER DRUM

Decorative, cost effective fixture

SOURCE	LED
WATTAGE	7-27
LUMENS	720-2400
VOLTAGE	120-277V AC
SIZE (IN)	14, 18
EFFICACY	100 LPW
LIFETIME	L70 >100,000 HRS



ECONOMY DRUM

Contractor grade, cost effective fixture

SOURCE	LED
WATTAGE	7
LUMENS	720
VOLTAGE	120-277V AC
SIZE (IN)	9
EFFICACY	100 LPW
LIFETIME	L70 >100,000 HRS



OUTDOOR DRUM

Waterproof and vandal resistant fixture

SOURCE	LED
WATTAGE	7-27
LUMENS	720-2400
VOLTAGE	120-277V AC
SIZE (IN)	12
EFFICACY	100 LPW
LIFETIME	L70 >100,000 HRS





TOUGHDRUM®

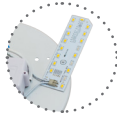
Waterproof and vandal resistant fixture

SOURCE	LED
WATTAGE	7-18
LUMENS	720-1760
VOLTAGE	120-277V AC
SIZE (IN)	13
EFFICACY	100 LPW
LIFETIME	L70 >100,000 HRS

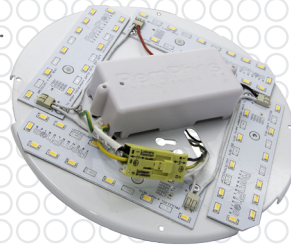


OUR DRUMS ARE POWERED BY OUR PATENTED, INFIELD REPLACABLE AND UPGRADABLE LEDCR LIGHT ENGINE.

SWING OUT BOARDS



EASY FIXTURE ATTACHMENT



- FIXTURES**
- sconce
 - drum
 - linear
 - industrial
 - garage + canopy
 - wallmount
 - special application

FIXTURES scone
 drum
 linear
 troffer
 industrial
 garage + canopy
 wallmount
 special application

LIVC IS POWERED BY OUR LED ARRAY.



LIVC (powered by LED array)
 Stairwell and corridor fixture

SOURCE	LED
WATTAGE	15-25
LUMENS	1800, 2800
VOLTAGE	120-277V AC
LENGTH (FT)	2, 4
EFFICACY	>110 LPW
LIFETIME	L70 >100,000 HRS



LIVA (powered by LED tubes)
 Angled lens vanity fixture

SOURCE	LED
WATTAGE	8-18
LUMENS	700-1700
VOLTAGE	120-277V AC
LENGTH (IN)	18, 24
EFFICACY	130 LPW
LIFETIME	L70 >100,000 HRS





LIVB (powered by LED tubes)
Cube profile vanity and common area fixture

SOURCE	LED
WATTAGE	8-18
LUMENS	700-1700
VOLTAGE	120-277V AC
LENGTH (IN)	18, 24
EFFICACY	130 LPW
LIFETIME	L70 >100,000 HRS



LIVH (powered by LED array)
Compact, cost effective strip fixture

SOURCE	LED
WATTAGE	40-60
LUMENS	5400, 8400
VOLTAGE	120-277V AC
LENGTH (FT)	4, 8
EFFICACY	>130 LPW
LIFETIME	L70 >100,000 HRS



LIV WRAP (powered by LED tubes)
Highest efficiency LED wrap on the market

SOURCE	LED
WATTAGE	18-24
LUMENS	1800-2400
VOLTAGE	120-277V AC
LENGTH (FT)	2, 4
EFFICACY	100 LPW
LIFETIME	L70 >100,000 HRS



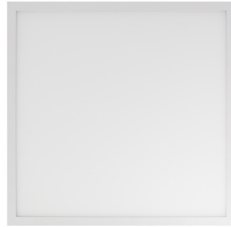
LIV MODERN (powered by LED array)
Decorative vanity fixture

SOURCE	LED
WATTAGE	18-24
LUMENS	1800-2400
VOLTAGE	120-277V AC
LENGTH (FT)	2, 3, 4
EFFICACY	130 LPW
LIFETIME	L70 >100,000 HRS



- FIXTURES**
- sconce
 - drum
 - linear
 - troffer
 - industrial
 - garage + canopy
 - wallmount
 - special application

- FIXTURES** sconce
 drum
 linear
troffer
 industrial
 garage + canopy
 wallmount
 special application



LED PANEL

Sophisticated LED PANEL w/ controls

SOURCE	LED
WATTAGE	25-48
LUMENS	3250-6240
VOLTAGE	120-277V AC
LENGTH (FT)	1x4, 2x2, 2x4
EFFICACY	>130 LPW
LIFETIME	L70 >100,000 HRS



THE LED PANEL COMES STANDARD WITH OUR INTEGRATED OCCUPANCY SENSOR FOR MAXIMUM ENERGY SAVINGS. UNLIKE TRADITIONAL PASSIVE INFRARED OR ULTRASONIC OCCUPANCY SENSORS, THIS HIGH-FREQUENCY SENSOR CAN BE HIDDEN BEHIND THE LENS OF AN EXISTING FIXTURE, ELIMINATING THE NEED FOR EXTERNAL SENSORS AND PROVIDING A CLEAN LOOK.

CONSTRUCTION AT IT'S BEST.
 FEATURES A HIGH STRENGTH
 DIFFUSED POLYCARBONATE LENS
 FOR FLAWLESS ILLUMINATION.



HIGHBAY CIRCULAR

Traditional circular appearance

SOURCE	LED
WATTAGE	100-200
LUMENS	11000-21800
VOLTAGE	120-277V AC
DIAMETER (IN)	12
EFFICACY	>130 LPW
LIFETIME	L70 >100,000 HRS



HIGHBAY LINEAR

Modern linear appearance

SOURCE	LED
WATTAGE	110-325
LUMENS	14300-42250
VOLTAGE	120-277V AC
LENGTH (FT)	2, 4
EFFICACY	>130 LPW
LIFETIME	L70 >100,000 HRS



LEDVT

Vapor tight fixture with stainless steel hardware and hi/lo OCC sensor

SOURCE	LED
WATTAGE	40
LUMENS	4000
VOLTAGE	120-277V AC
LENGTH (FT)	4
EFFICACY	>100 LPW
LIFETIME	L70 >100,000 HRS



WATERTIGHT AND STURDY,
 BUILT TO WITHSTAND EXTREME
 ENVIRONMENTS.

- FIXTURES**
- sconce
 - drum
 - linear
 - troffer
 - industrial**
 - garage + canopy
 - wallmount
 - special application

- FIXTURES** sconce
 drum
 linear
 troffer
 industrial
 garage + canopy
 wallmount
 special application



LEDCE

Rugged canopy fixture for surface or pendant mount

SOURCE	LED
WATTAGE	30-50
LUMENS	3000-5800
VOLTAGE	120-277V AC
LENGTH (IN)	10x10
EFFICACY	>100 LPW
LIFETIME	L70 >100,000 HRS



OUTDOOR DRUM

Waterproof and vandal resistant fixture

SOURCE	LED
WATTAGE	7-27
LUMENS	720-2400
VOLTAGE	120-277V AC
LENGTH (IN)	12
EFFICACY	110 LPW
LIFETIME	L70 >100,000 HRS



TOUGHDRUM®

Waterproof and vandal resistant fixture

SOURCE	LED
WATTAGE	12-20
LUMENS	720-1760
VOLTAGE	120-277V AC
LENGTH (IN)	13
EFFICACY	110 LPW
LIFETIME	L70 >100,000 HRS



LEDVT

Compact vapor tight with integrated hi/lo OCC sensor

SOURCE	LED
WATTAGE	40
LUMENS	4000
VOLTAGE	120-277V AC
LENGTH (FT)	4
EFFICACY	>100 LPW
LIFETIME	L70 >100,000 HRS



IMPRESSIVELY ULTRA-THIN AND COMPACT, YET DELIVERS EXCELLENT UNIFORM LIGHT DISTRIBUTION. LOW PROFILE, DURABLE, ALUMINUM CONSTRUCTION, PROVIDING A WEATHERTIGHT SEAL.

- FIXTURES**
- sconce
 - drum
 - linear
 - troffer
 - industrial
 - garage + canopy
 - wallmount
 - special application

ELEGANT, ENERGY EFFICIENT AND SUPER BRIGHT LED WALL PACK FOR OUTDOOR USE. MULTIPLE MODELS AVAILABLE. REPLACES UP TO A 250W HID. OUR WALL PACK FEATURES AN ADJUSTABLE HEAD ALLOWING FLEXIBLE LIGHT OUTPUT DIRECTION.



LEDWMB® G2
 Waterproof flex-mount wall-pack

SOURCE	LED
WATTAGE	20-70
LUMENS	2000-7500
VOLTAGE	120-277V AC
SIZE (IN)	9, 13
EFFICACY	>100 LPW
LIFETIME	L70 >100,000 HRS



- FIXTURES** sconce
 drum
 linear
 troffer
 industrial
 garage + canopy
 wallmount
 special application

DESIGNED SPECIFICALLY TO REPLACE OLD HID FIXTURES IN SPRAYBAKE AND SIMILAR AUTOMOTIVE SPRAY BOOTHS.

INCREASES LIGHT LEVELS, HIGH COLOR RENDERING AND USES LESS THAN ONE HALF THE ENERGY.



LEDSB

Automotive spray booth fixture replacement

SOURCE	LED
WATTAGE	200
LUMENS	22000
VOLTAGE	120-277V AC
SIZE (IN)	24x24
EFFICACY	120 LPW
LIFETIME	L70 >100,000 HRS



MERLIN X1

Energy Efficient Desk Lamp

SOURCE	LED
WATTAGE	9
LUMENS	450
VOLTAGE	120-277V AC
SIZE (IN)	4.7x5.5x14.2
EFFICACY	50 LPW
LIFETIME	L70 >35,000 HRS



MANILA VILLAGE, TANZANIA, AFRICA
 FIREFLY IN USE IN HUTS, SCHOOLS AND VILLAGE HOSPITALS.



LIGHTING THE DARKNESS IN AFRICA. REMPHOS ALONG WITH OUR PARTNER AEG HAVE DEVELOPED AND ARE MANUFACTURING A COMPLETELY OFF-THE-GRID LED LIGHTING SYSTEM FOR RURAL AFRICA. IT IS INEXPENSIVE AND EASY TO INSTALL AND USE.





DO YOU HAVE A PROJECT WE CAN HELP YOU WITH? PLEASE DON'T HESITATE TO REACH OUT TO US.