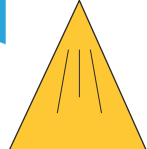


QIK RETROFIT 180°

180° LED



Flood Light



Street Light



Wall Pack



Shoe box

Long-lasting and powerful lighting optimizes safety and security for:

- GARDEN/PUBLIC PARK AREAS
- APARTMENT BUILDINGS
- ROADWAYS
- PRIVATE HOMES
- PARKING LOTS
- GARAGES
- TUNNELS



QIK RETROFIT 180°

The base is rotatable 270°

SKUs	Types	Watts	Lm/W	Lumens	Kelvin	CRI	Fan	# of LED	Viewing °	Voltage	Hertz
LW-MD2- 54W -E39-K5000K	E39	54	120	5,900	5,000	> 70	SUNON	112	90°x150°	100-277VAC	50/60 Hz
LW-MD1- 95W -E39-K5000K	E39	95	120	11,400	5,000	> 70	SUNON	168	90°x150°	100-277VAC	50/60 Hz
LW-MD1- 115W -E39-K5000K	E39	115	120	13,500	5,000	> 70	SUNON	196	90°x150°	100-277VAC	50/60 Hz

SKUs	EQUIVALENTS				Chips	LxWxD mm
	CFL	MHL	HPS	HID		
LW-MD2- 54W -E39-K5000K	120W	175W	175W	175W	PHILIPS LUMILEDS(high CRI)	245x113x80
LW-MD1- 95W -E39-K5000K	200W	250W	250W	250W	PHILIPS LUMILEDS(high CRI)	300x138x87
LW-MD1- 115W -E39-K5000K	200W	400W	400W	400W	PHILIPS LUMILEDS(high CRI)	300x138x87

Specifications common to all

Operating Temperature	-20°C TO 45°C
Operating Humidity	20% -70% RH
Storage Humidity	10% -75% RH
Warranty	5 Years
Applications	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires

Chips	LUXEON 3030 2D (1.5W)
Materials	Magnesium Alloy+AL+PC
Safety Certification	UL, CUL
Performance Certification	DLC
Power Factor	PFC >0.9
IP Rating	IP51

- other CCT's available on request

- + / - (10%) CCT's



QIK RETROFIT 180°



OUTSTANDING PHOTOMETRIC PERFORMANCE

With a small but mighty design LED Waves new 180° LED Lights pack a full line of features in a compact, low profile design. Our latest LEDs offer uniform illumination, high efficacy, long lifespan, plus easy installation.

The one-piece die-cast aluminum housing with UV resistant powder coat finish provides outstanding corrosion protection. Ideal for use in various commercial environments such as auto dealerships, parking lots, walkways, roadways, campuses, façade lighting, grocery stores and public areas where safety and security is a necessity.



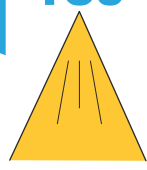
- Applications**
- Parking lots
 - Area lighting
 - Illumination of large areas
 - Outdoor area lighting
 - Security lights
 - Public places park and gardens

- Advantages**
- No Labor
 - No Installation
 - No Maintenance
 - Direct Light
180° direct lighting (No loss as with ambient light)
 - Money Saving


A win win situation!



QIK RETROFIT 180°



1




THE CHIP Philips Lumileds (3030)


2

THE FAN

- Sunon Brand
- Maglev Muting Tech
- 60,000 hours lifespan



3



THE MATERIAL

- Magnesium alloy
- Thermal conductivity (1.5 x faster than aluminium alloy.)

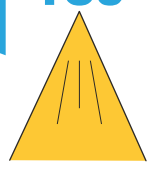
4

THE THINKING Concept Development

- High PF
- Superior transfer efficiency
- Dual insulation
- Temperature sensor




QIK RETROFIT 180°



5

E39



THE ROTATION

270 Degree rotation (security string provided)

6

THE PLASTIC

Thermal silicon



7

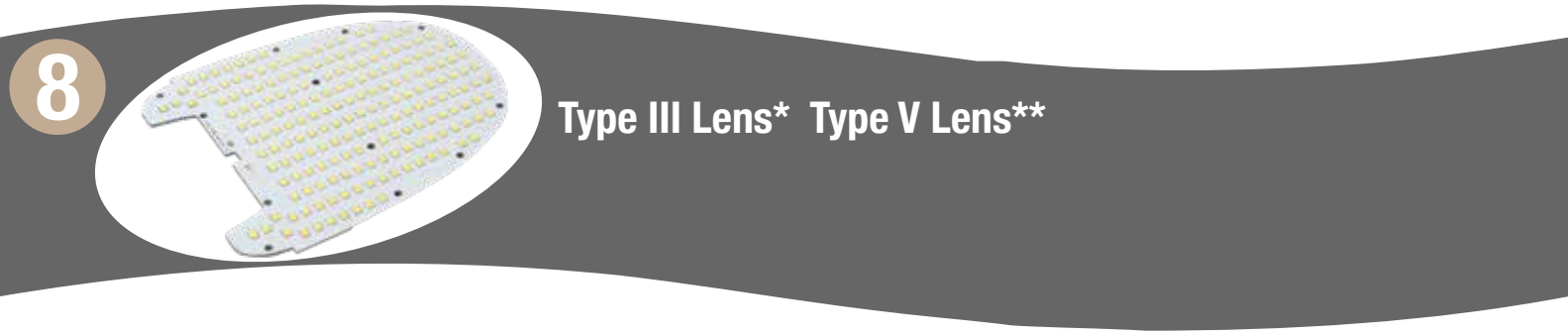


THE HEAT DISSIPATION

Ventilation slot



QIK RETROFIT 180°

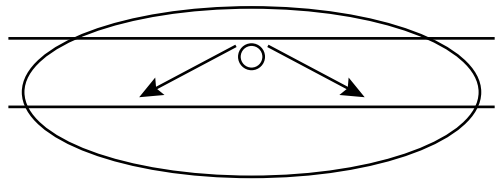


Type III Lens*

The Type III* Lens is engineered for roadway lighting, general parking areas and other areas where a larger cast of secure illumination is required.

The Type III* Lens is designed to install on the side of an area requiring illumination, allowing the light to project outward.

- This produces a filling light flow.



Type III* light distributions have a preferred lateral width of 40 degrees.

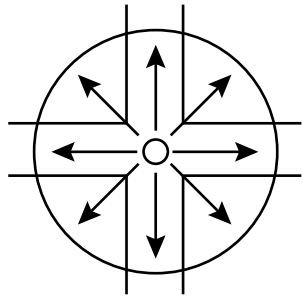
To maximize performance, the Type III* distribution was engineered of medium width roadways or areas, where the width of the roadway or area does not exceed 2.75 times the mounting height.

Type V Lens**

Type V** produces a circular distribution that has the same intensity at all angles.
** (Special order only).

This distribution of light has a circular symmetry of candlepower that is essentially the same at all lateral angles.

It is intended for luminaire mounting at or near center of roadways, center islands of parkway, and intersections. It is also ideally suited for large, commercial parking lot lighting as well as areas where powerful, evenly distributed light is necessary.



QIK RETROFIT 180°



Flood Light



Street Light



E-39



Wall Pack



Shoe box

ADVANTAGES

- Easy installation and maintenance
- Energy saving
- Long service life
- No mercury
- Simple and modern design



QIK RETROFIT^{180°}



LedWaves *Waves Of The Future*

Customer safety and satisfaction is paramount at LED Waves.

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1-800- 986-0169

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and Consultations

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