# **RETRO-PAR 2.0**

Incandescent Replacement LED Engine



# **Energy Efficient LED Light Engine**

Designed to retrofit directly into existing fixtures.

The RETRO-PAR Series is a TUV listed retrofit kit that rapidly transforms existing inefficient incandescent fixtures into energy efficient LED fixtures. Our patented technology allows the fixture to smoothly dim from 0-100% utilizing existing dimming technology. Retrofit kits are available with a variety of options for both recessed and pendant style fixtures. Installation is as easy as changing a light bulb. Our LED technology creates even fields and delivers consistent color. The RETRO series delivers more light than most incandescent bulbs it replaces with less watt load. Canto USA offers, PAR38, PAR46, PAR56 and PAR 64 options as well as custom rings when needed.



## What the RETRO IS

- · More cost effective than fixture replacement
- Large lumen output for this section of the market
- Listed for screw in replacement
- Dims on existing dimming systems with no additional installation of control system
- · 0-100% dimming without flicker, pulse, or stepping
- 80+ Higher CRI

## **Applications**

- Where dimming is a key concern
- · Where there is no desire or budget to replace existing fixtures
- · Where access is limited
- · Where a custom solution is required
- · Where the ceiling cannot be disturbed

## **Typical Installations**

- Auditoriums
- · Churches and houses of worship
- Arenas
- Lobbies
- Museums
- Educational facilities
- Convention centers
- Concert halls

# **PAR Rings**

PAR46 Ring	

PAR56 Ring

PAR64 Ring

Adjustable Par Ring (56)(64)

Custom - Include .dwg or .pdf

### **Fixture Reflectors**

Tall 15 Degrees
Tall 23 Degrees
Tall 46 Degrees
Short 26 Degree
Short 40 Degree
Short 59 Degrees
Short 70 Degrees
None 120 Degrees

## **Color Temp**

<u> </u>
2700K -
3000K - Standard
3500K -
4000K -
5000K -

# Available for the following in the RETRO Series:

#### RETRO-Fusion™ 2.0

RETRO-Fusion 2.0 150 (2,000 Lumens)
RETRO-Fusion 2.0 300 (3,000 Lumens)
RETRO-Fusion 2.0 500 (5,000 Lumens)
RETRO-Fusion 2.0 700 (8,000 Lumens)
RETRO-Fusion 2.0 1000 (10,000 Lumens)

## RETRO-Passive® 2.0

RETRO-Passive 2.0 150 (2,000 Lumens)
RETRO-Passive 2.0 300 (3,000 Lumens)
RETRO-Passive 2.0 500 (5,000 Lumens)
RETRO-Passive 2.0 700 (8,000 Lumens)
RETRO-Passive 2.0 1000 (10,000 Lumens)

Please reference the specific RETRO Series informational sheet for electrical data, fixture drawings and photometrics.







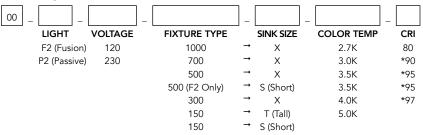
# **RETRO-PAR 2.0**

Incandescent Replacement LED Engine



### **Order Guide**

### 1. RETRO



<sup>2.</sup> TOPS

00 _ TOP _		_	
TOP	TYPE		LENGTH
TOP	PP (Par Plug)*	$\rightarrow$	12" standard unless specified
	BW (Bare Wire)	$\rightarrow$	12" min, increase in 6" incre-
			ments
	JB (JBox)	$\rightarrow$	0.00" (Flush mount)

<sup>\*</sup>When specifying PP (Par Plug) a top with 12" length wire will be supplied with WAGO connectors to install on the existing Par Plug wires.

5. DIFFUSERS

DIF

DIFFUSER

DIF

TYPE

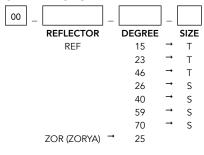
SMALL (For Shorts)

LARGE (For Talls)

KIT (For Shorts and Talls)

00

## 3. REFLECTOR



## 4. PAR RING OPTIONS

00	_	ADJST	_ KIT
RING SIZE	TYPE	ADJUSTABLE	KIT
PAR56	*150T	ADJST	KIT
PAR64	3571		
PARCC			
**TRMCC			
*When using 150 Tall specify 15 **TRMCC is used for custom triu	m plate		

Note: PAR38 and PAR46 would be a custom ring. Please use code PARCC Note: PAR46 cannot be used with the RETRO-Passive 300, 500, 700, or 1000

Note: PAR56 with RETRO-Passive requires inverting PAR Ring mount above heat sink







<sup>\*</sup> Chips with a CRI greater than 80 are an additional 6 weeks beyond standard delivery