

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.

**10 Year
LED Array
Warranty**



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

PAR38 Ring
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

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.

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Order Guide

1. RETRO

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	LIGHT	VOLTAGE	FIXTURE TYPE	SINK SIZE	COLOR TEMP	CRI
	F2 (Fusion)	120	1000	→ X	2.7K	80
	P2 (Passive)	230	700	→ X	3.0K	*90
			500	→ X	3.5K	*95
			500 (F2 Only)	→ S (Short)	3.5K	*95
			300	→ X	4.0K	*97
			150	→ T (Tall)	5.0K	
			150	→ S (Short)		

* Chips with a CRI greater than 80 are an additional 6 weeks beyond standard delivery

2. TOPS

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	TOP	TYPE	LENGTH
	TOP	PP (Par Plug)*	→ 12" standard unless specified
		BW (Bare Wire)	→ 12" min, increase in 6" increments
		JB (JBox)	→ 0.00" (Flush mount)

*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.

3. REFLECTOR

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	REFLECTOR	DEGREE	SIZE
	REF	15	→ T
		23	→ T
		46	→ T
		26	→ S
		40	→ S
		59	→ S
		70	→ S
	ZOR (ZORYA)	→ 25	

4. PAR RING OPTIONS

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	RING SIZE	TYPE	ADJUSTABLE	KIT	
	PAR56	*150T	ADJUST	KIT	
	PAR64	3571			
	PARCC				
	**TRMCC				

*When using 150 Tall specify 150T otherwise use 3571

**TRMCC is used for custom trim 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

5. DIFFUSERS

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	DIF	TYPE
	DIF	SMALL (For Shorts)
		LARGE (For Talls)
		KIT (For Shorts and Talls)

