RETRO-HPL Series

Incandescent Replacement LED Engine

CANTO USA
INNOVATIVE LIGHTING PRODUCTS

Energy Efficient LED Light Engine

Designed to retrofit directly into existing Source 4® PAR fixtures.

10 Year LED Array Warranty

The RETRO-HPL Series is a CSA listed retrofit kit that rapidly transforms existing incandescent fixtures into energy efficient LED fixtures. It is a direct replacement for existing Source 4 PARs in the marketplace, especially those used for house lights. This direct, non-destructive, and easy to install kit provides unparalleled dimming with its standard ease of use. Our patented technology allows the fixture to smoothly dim from 0-100% utilizing existing dimming technology. Its LED technology creates even fields and delivers consistent color. The RETRO series delivers more light with more output than any other option on the market.

What the RETRO IS

- More cost effective than fixture replacement
- Direct replacement of HPL 575/115X
- Listed to utilize the Bi-Pin HPL lamp base
- Dims on existing dimming systems with no additional installation of control system
- Completely flicker free, 0-100% dimming without flicker, pulse, or stepping
- 80+ Higher CRI
- Quantity of fixtures is only limited by the amperage on the dimmer

Applications

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

Typical Installations

- Auditoriums
- Houses of worship
- Arenas
- Lobbies
- Museums
- Educational facilities
- Convention centers
- Concert halls

Electrical Data

- 90 Watts
- Power Factor (PF) .9955
- Lumens: 10133 @ 2700K
- Lumens per watt: 112.3
- LM 70: >50,000 Hours
- CRI@2700K: 81.11,R9+1.8
- 1 lb 15.1 oz w/Reflector

Lenses

XWFL (64.25 Degrees)
WFL (57 Degrees)
MFL (36.75 Degrees)

Color Temp

3000 K - Standard

Ordering Info

RETRO-HPL

00_F2_120_1000H_3.0K_80 RETRO Unit
00_TOP_HP_6.00 Adapter Plate

Lenses

00_XWIDE_FLOOD_OPTIC_HPL XWFL Lens
00_WIDE_FLOOD_OPTIC_HPL WFL Lens
00_MED_FLOOD_OPTIC_HPL MFL Lens

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V 1.3 4/1/25

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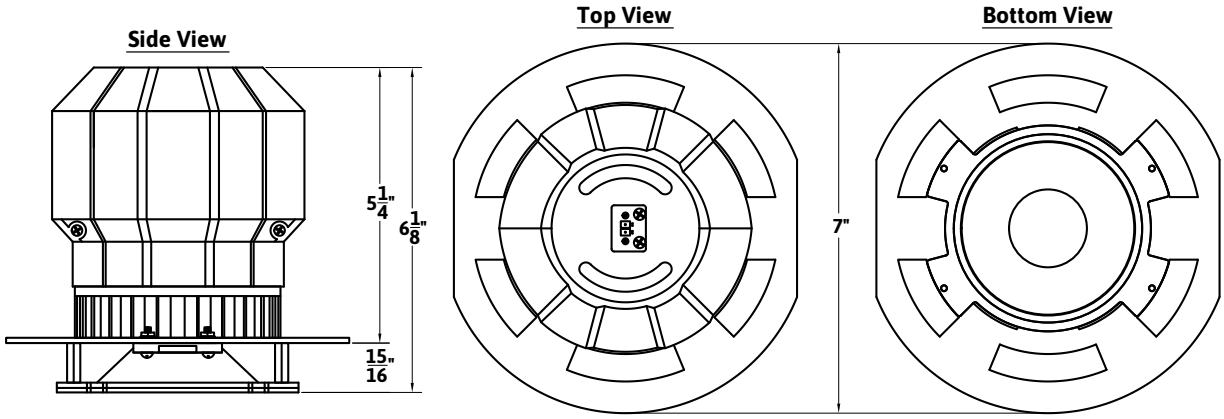
Fixture Drawing



Photometrics (RETRO-HPL) 3,000K

Multiplication Factor for Color Temperature

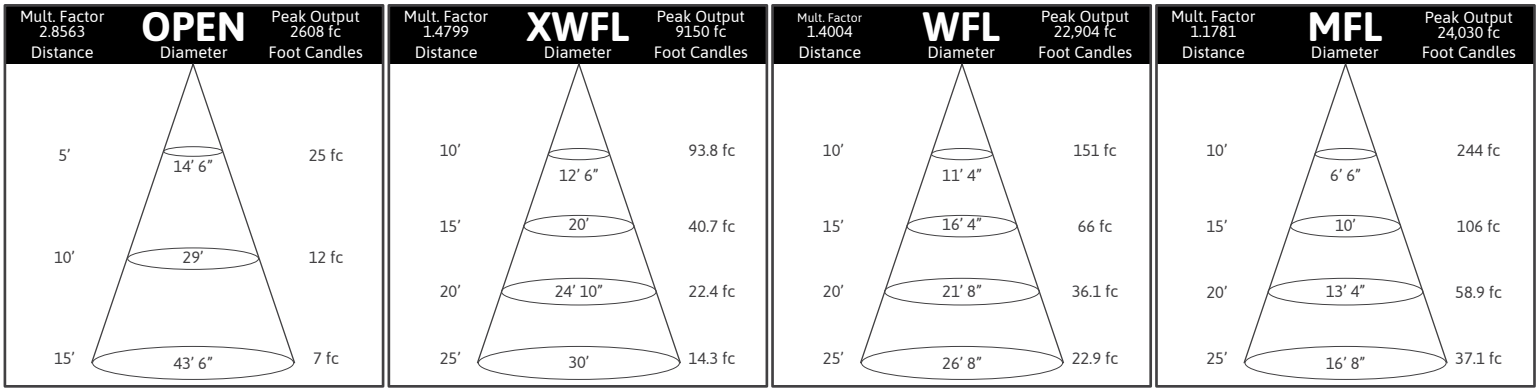
- to convert to 2,700 Kelvin - fc X .9488
- to convert to 3,500 Kelvin - fc X 1.0196
- to convert to 4,000 Kelvin - fc X 1.0439
- to convert to 5,000 Kelvin - fc X 1.0617

To Solve Footcandles Over A Distance

Peak Output ÷ (Distance X Distance)

To Solve Area Over A Distance

Distance X Mult.Factor



Contact your local representative or dealer for IES files.

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