

# RFTA8

## 120V-277V 34W Architectural Grade LED Recessed Downlight Retrofit Trim Module

### Specifications/Features

#### Trim Module

Compatible with most 8" architectural incandescent, fluorescent and metal halide housings measuring 8" tall with an inside diameter between 8-1/8" and 8-3/4" (refer to housing compatibility section below).

Heavy gauge aluminum reflector in an anodized clear finish. Available in medium or wide beam distributions.

Injection molded plastic trim ring.

Aluminum extruded heat sink is designed to facilitate heat dissipation to ensure consistent quality light output, color and life of solid state components.

Trim module and driver housing require a minimum of 3" clearance from insulation material. Thermal protection provided in case of improper insulation use.

Optical acrylic diffusion lens produces high lumen transmission and even illumination.

Light engine and driver supplied with flexible metal conduit for connection to 1/2" knockout in existing housing junction box.

Nickel plated spring steel friction clips are provided for retaining aluminum reflector in existing housing.

System designed and rated for 50,000 hours at 70% lumen maintenance.

#### Lamp

Multiple LED chips with excellent fixture-to-fixture color consistency.

#### Warranty

This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase.

#### Listing

ETL Listed or ETL Classified based upon housing compatibility (U.S. and Canada). Though retrofit trim module is rated for 120-277V AC, refer to existing fixture feed wire restrictions before connecting.

Suitable for use in damp locations.

#### Housing Compatibility

**ETL Listed for use with the following ConTech housings:**

RA81xxHEMV, RA82xxHEMV, RS81xxHEMV, RS82xxHEMV, RA81xxVEMV, RS81xxVEMV, RL8xxMH-E, RL8xxMH-M, RA8300VINC, RA8300HINC

**ETL Classified for use with the following housings:**

**Halo:** PD7V142E, PD7V120, PD7V501E, PD7V701E, PD7V1001E, PD7V70XIE, PD7V100X1E

**Juno:** CV8-126/32/42T, TC908, MX8-(70,100), M8-(70,100)

**Lithonia:** LP8F, CCR82, LP8H, LP8

#### Approved Dimmers

**Lutron:** NovaT NTLV600, Diva DVLV-600P, DVCL-153P, DVELV-303P, Skylark SELV-300P, CTCL-153P, Maestro MRF2-6ND-120, MACL-153M

**Pass and Seymour:** TDLV703-PW



#### Input Voltage

Non-dimming	120-277VAC
Dimming	120VAC

**Input Wattage** 34.5W

**Color Temperature** 3000K

**CRI (Typical)** 80

**Power Factor** >0.90

**THD** <20%

#### Dimming

Triac 15-100%

### Ordering Information

Example Order:

Trim Module	Wattage	Color Temp	Trim Type	Finish
<input module"="" trim="" type="text" value="RFTA8 - 8"/>	<input type="text" value="34 - 34W"/>	<input type="text" value="30K - 3000K"/>	<input type="text" value="MP22M - Multiplier Medium Beam Reflector, 1763Lm&lt;br/&gt;MP22W - Multiplier Wide Beam Reflector, 1921Lm"/>	<input type="text" value="CLR - Clear Haze"/>

# RFTA8

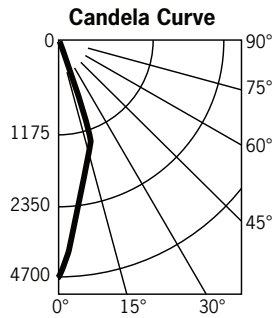
## 120V-277V 34W Architectural Grade LED Recessed Downlight Retrofit Trim Module

### Photometrics

#### RFTA83430K-MP22MCLR

Designed for 50,000 Hour Lamp Life\*

Light Output (Fixture Delivered Lumens): 1763  
 Total Watts@120V: 34  
 Lumens Per Watt: 52  
 Color Rendering Index (CRI)<sup>1</sup>: 80  
 Color Temperature (CCT)<sup>2</sup>: 3000K



#### Candlepower Summary

FROM 0	LUMENS
0	
5	307
15	562
25	579
35	249
45	40
55	13
65	8
75	4
85	1
95	0

#### Intensity Distribution

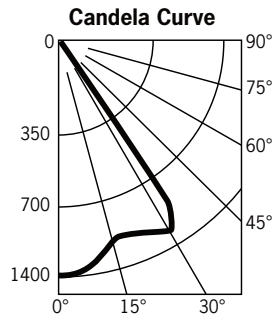
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2'	1151.5	0.8
4'	287.9	1.7
6'	127.9	2.5
8'	72.0	3.4
10'	46.1	4.2
12'	32.0	5.1

Beam Distribution: 24°  
 Spacing Criteria: 0.4

#### RFTA83430K-MP22WCLR

Designed for 50,000 Hour Lamp Life\*

Light Output (Fixture Delivered Lumens): 1921  
 Total Watts@120V: 34.8  
 Lumens Per Watt: 55  
 Color Rendering Index (CRI)<sup>1</sup>: 80  
 Color Temperature (CCT)<sup>2</sup>: 3000K



#### Candlepower Summary

FROM 0	LUMENS
0	
5	125
15	335
25	558
35	592
45	218
55	64
65	21
75	7
85	1
95	0

#### Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
2'	348.8	3.2
4'	87.2	6.3
6'	38.8	9.5
8'	21.8	12.7
10'	14.0	15.8
12'	9.7	19.0

Beam Distribution: 76°  
 Spacing Criteria: 1.6

1. Accuracy of rendering colors  
 2. Color appearance of light source

\*Dependent on surrounding temperatures