# PLC-8.5-V-8FA-HYB

**RAB®**

| Project: | Type: | Prepared By: | Date: |
|---|---|---|---|

UPC: 019813916477

## Features and Benefits

Field Adjustable 3 CCTs in 1 SKU (3000K, 3500K, 4000K)

Replaces 18W/26W/32W G24d & G24q CFL Lamps

Plug and Play on existing Magnetic CFL ballasts or can be wired directly to line voltage without need for an external driver or ballast

Compatible with G24d / GX24d & G24q / GX24q installations

Instant-on with no warmup, unlike CFLs

Lasts 5x longer than compact fluorescent lamps

Consumes up to 1/3 the energy of conventional CFL

Base rotates, direct light where needed on Horizontal models

50,000 hour Lifespan

Environmentally friendly, no mercury used

UL Listed, UL Classified

Rated for use in enclosed and open fixtures in dry or damp locations

Non-Dimmable

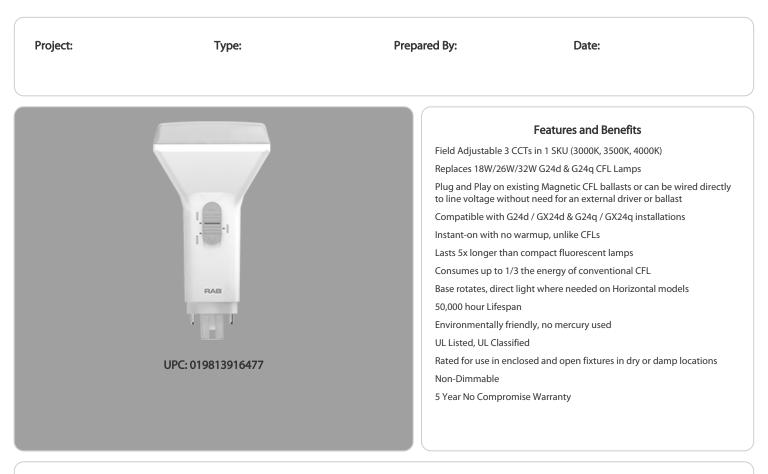5 Year No Compromise Warranty

## Technical Specifications

### Performance

**Product Type:**
Compact

**Input Wattage:**
8.5W

**Lumens:**
1100/1120/1150lm

**Efficacy:**
129/132/135lm/W

**L70 Lifespan:**
50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Wattage Equivalency:**
26W/32W G24d & G24q

### LED Characteristics

**Color Accuracy (CRI):**
80

**Color Temperature:**
3000/3500/4000K

**Beam Angle:**
120°

### Electrical

**THD:**
20%

**Power Factor:**
>0.9

**Dimmable:**
Non-Dim

**Input Voltage:**
120-277 Type B (Type A dependent on ballast)

**Operating Frequency:**
50/60Hz

**Operating Temperature:**
-20°C to 45°C (-4°F to 113°F)

### Construction

**Bulb Shape:**
PLC-Vertical

**Enclosure Material:**
Polycarbonate

**Housing Finish:**
White

**Lens Finish:**
Frosted

### Installation

**Base Type:**
2-Pin G24d

**Installation Method:**
UL Type A with Magnetic Ballasts & UL Type B (Dual Mode)

**Burning Position:**
Vertical

### Other

**Technology EQ:**
CFL

## Technical Specifications (continued)

**Warranty:**
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

### Compliance

**Listings:**
UL Listed, UL Classified

**Environment:**
Damp / Open

**RoHS:**
Mercury and UV free. RoHS-compliant components.

**FCC:**
Complies with Part 15B of the FCC Rules

**Certification Model Number:**
T10201(PLC-8.5-V-8FA-HYB)

## Minimum Compartment Size

| Length x Width x Height [in] | Lamp Quantity |
|---|---|
| 9 | 1 |

## Case and Pallet Dimensions

| | QTY | LENGTH (in) | WIDTH (in) | HEIGHT (in) |
|---|---|---|---|---|
| CASE | 12 | 0 | 0 | 0 |
| PALLET | 281 | 0 | 0 | 0 |

## Dimension

## Light Distribution



```
                  -/+180
        -150              150
   -120                       120

-90                               90
              0
             80
            160
            240                  60
                320    UNIT:cd
   -60                 ——— C0/180,110.9
            400        ——— C30/210,107.9
        -30    0    30 ——— C60/240,106.8
                      ——— C90/270,109.4
```

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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