

# K80Y-W-W



4" new construction LED downlight

Weight: 5.32 lbs

Project:

Type:

Prepared By:

Date:

## Driver Info

Type	LED
120V	0.17A
208V	0.11A
240V	0.10A
277V	0.09A
Input Watts	20.3W
Efficiency	99%

## LED Info

Watts	20W
Color Temp	3000K
Color Accuracy	82 CRI
L70 Lifespan	50,000
Lumens	1506
Efficacy	74.3 LPW

## Technical Specifications

### Listings

#### UL Listed:

Suitable for wet locations covered ceiling

#### ENERGY STAR V2.0:

This product is ENERGY STAR® Version 2.0 Certified.

### Construction

#### Housing:

Professional-grade, die-cast aluminum construction

#### Trim Ring:

White powder coated die cast trim ring

#### Trim Cone:

White square trim cone

#### Drop Ceiling Installation:

NDLED can be installed in drop ceiling tiles when using optional c-channel bars and following local construction codes

#### Aperture Size:

4" Trim Module

#### Junction Box:

Integral junction box with wiring capacity for Min 90°C supply conductors 4 in 4 out

#### Easy Installation:

The EZ-Connector makes installation easy

#### Ambient Temperature:

Suitable For use in 40°C (104°F)

#### Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

#### Aperture Size:

4" Rough-In

#### Air Tight:

Housing certified Air Tight as per ASTM E283

#### Mounting:

Housing includes nailer bars and butterfly brackets. Brackets also accommodate mounting with 1/4" to 1/2" bar stock, C channel or 1/2" conduit.

#### Easy Installation:

The EZConnector makes installation easy

#### Thermal Protector:

Thermal protector included. Disables power if temperature exceeds safe operation levels.

### Electrical

#### Dimming:

Dimmable. Requires rough-in with dimming driver.

#### Dimming Driver:

0 - 10V (at 120-277V), TRIAC and ELV (at 120V only). [www.rablighting.com/images/downlights\\_dimmer.png](http://www.rablighting.com/images/downlights_dimmer.png) target="\_blank"

#### Driver:

ELV, 0-10V and TRIAC Dimming, Constant Current, Class 2, 120V-277V, 50/60Hz, Power Factor 98%, THD ≤ 20%

## Technical Specifications (continued)

### Optical

#### Optics:

80° beam spread with specular thermoplastic optics and Nanostructure lens technology for smooth light output and high efficiency

### LED Characteristics

#### Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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Dimensions: ND4S20D

