

# COMBINA D 4.0 (ROUND FIXED)

Combina D is an indoor recessed downlight offered in 4 different sizes and wattages. It can be configured to meet your exact requirements: first choose the body, fixed or adjustable to 30°; then the installation, flushed or regressed; then the retaining bezel, round or square. Combina D 4.0 Round is fixed and can be further customized with the choice of cover in 3 different depths (see photos). Optical filters allow you to alter the lighting effect to obtain a diffuse or elliptical output.

## TECHNICAL DATA

|                           |                                                                                                                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wattage / Input</b>    | 29W (800mA), 32.5W (900mA)                                                                                                                                                          |
| <b>Power Supply</b>       | Remote Constant Current                                                                                                                                                             |
| <b>Construction</b>       | Body: Die-cast Aluminum and Bayblend<br>Bezel/Cover: Die-cast Aluminum<br>Cables: 2x0.98' Single-core PVC included                                                                  |
| <b>CCT</b>                | 2700K, 3000K, 4000K (only CRI>90)                                                                                                                                                   |
| <b>CRI</b>                | >90, >97 (not available on 4000K)                                                                                                                                                   |
| <b>Delivered Lumens</b>   | 2303 lm (3000K, 41°, CRI >97)<br>2363 lm (3000K, 41°, CRI >90)                                                                                                                      |
| <b>Efficacy</b>           | 79.4 lm/W (3000K, 41°, CRI >97)<br>81.5 lm/W (3000K, 41°, CRI >90)                                                                                                                  |
| <b>Optics</b>             | 20° <sup>(2)</sup> , 29° <sup>(2)</sup> , 38° <sup>(2)</sup><br><sup>(2)</sup> If you choose the deep cover, the optics change from 20° to 21°, from 29° to 30° and from 38° to 41° |
| <b>Finishes</b>           | White, Black, Antique Bronze, Primer, Custom RAL<br>(4 Stage Marine Grade Finish)                                                                                                   |
| <b>Fixture Dimensions</b> | Ø7.87" (See base measurements at right)                                                                                                                                             |
| <b>Fixture Weight</b>     | 2.76 lbs                                                                                                                                                                            |
| <b>LED Source</b>         | 1 High Intensity Power LED                                                                                                                                                          |
| <b>Lumen Maintenance</b>  | L90, B10 >50,000 hrs (Ta 25°C)                                                                                                                                                      |
| <b>Color Consistency</b>  | 2-Step MacAdam                                                                                                                                                                      |
| <b>Operating Temp.</b>    | -4°F to +113°F                                                                                                                                                                      |
| <b>IP Rating</b>          | IP40, IP44 with filter                                                                                                                                                              |
| <b>UGR Rating</b>         | UGR <13 for versions with flat and shallow covers, UGR <19 for versions with deep cover                                                                                             |

## ORDERING INFORMATION - *Required continued on page 2.*

(Please print out PDF to fill in electronically and return to [quotes@designplan.com](mailto:quotes@designplan.com))

Ex: CC4020100050M0-US

| CC4020  |                                |                                   |                        | -US |
|---------|--------------------------------|-----------------------------------|------------------------|-----|
| Model # | CRI                            | CCT                               | Optics                 |     |
| CC4020  | 1000 - >90                     | F0 - 2700K                        | S0 - 20° (21° w/ deep) | -US |
|         | 2000 - >97                     | 50 - 3000K                        | M0 - 29° (30° w/ deep) |     |
|         | *CRI>97 not available on 4000K | 90 - 4000K<br>(4000K only CRI>90) | L0 - 38° (41° w/ deep) |     |



Round, Flat Cover

Fixed Body Dimensions



Round, Shallow Cover



Round, Deep Cover

Job Name/Date:

Fixture Type Designation:

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datasheet

Enter code here:

## ROUND RETAINING BEZEL - For Installation (REQUIRED)



### WGCC40A1F

Round Bezel

For flush installation

Cut Out Dimensions Ø8.27"



### WGCC40A1T

Round Bezel

For regressed installation

Cut Out Dimensions Ø7.36"

Enter code here:

## ROUND COVERS - For Installation (REQUIRED)



### WZCC4010\_

Round Flat



### WZCC4030\_

Round Shallow



### WZCC4050\_

Round Deep

Include one of the below finishes as last digit:

8 - Primer

E - White

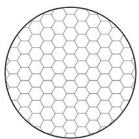
N - Black

Z - Antique Bronze

C - Custom RAL

Enter code here:

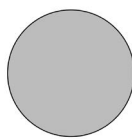
## ACCESSORIES - Installation



### WHCC40A1

Honeycomb Louver

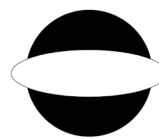
Round Cover: Flat, Shallow



### WRCC40R1D

Diffuser Filter

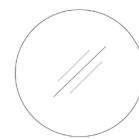
Round Cover: Flat, Shallow



### WRCC40R1W

Elliptical Filter

Round Cover: Flat, Shallow



### WRCC40R1T

Transparent IP44 screen

Round Cover: Flat, Shallow

### WHCC40A3

Honeycomb Louver

Round Cover: Deep

### WRCC40R3D

Diffuser Filter

Round Cover: Deep

### WRCC40R3W

Elliptical Filter

Round Cover: Deep

### WRCC40R3T

Transparent IP44 screen

Round Cover: Deep

Adding this filter changes  
the light output: please consult  
the photometric data.

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

900mA - High Lumen Output (32.5W Delivered Lumens)

| Part Number                 | Description             | Input/Output                      | # of Fixtures |
|-----------------------------|-------------------------|-----------------------------------|---------------|
| <a href="#">PPLT00198</a>   | 0-10V Dimming (to 10%)  | 120-277VAC to 900mA, 45W, Class 2 | 1-1           |
| <a href="#">PPLT00467-P</a> | 0-10V Dimming (to 1.0%) | 120-277VAC to 900mA, 50W, Class 2 | 1-1           |

Suggested Lutron Compatible for 900mA High Lumen Output (32.5W Delivered Lumens)

| Part Number               | Option | Lutron SKU | Dim Range | Description                                             | Input/Output                  | # of Fixtures |
|---------------------------|--------|------------|-----------|---------------------------------------------------------|-------------------------------|---------------|
| <a href="#">PPLT00511</a> | LTEA2W | LTEA       | 100%-1%   | Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only) | 120VAC to 900mA, 40W, Class 2 | 1-1           |

800mA - Low Lumen Output (29W Delivered Lumens 2363 at 41°, 3000K, CRI >90)

| Part Number                 | Description             | Input/Output                      | # of Fixtures |
|-----------------------------|-------------------------|-----------------------------------|---------------|
| <a href="#">PPLT00308-P</a> | 0-10V Dimming (to 0.1%) | 120-277VAC to 800mA, 30W, Class 2 | 1-1           |
| <a href="#">PPLT00491-P</a> | DALI (to 1.0%)          | 120-277VAC to 800mA, 30W, Class 2 | 1-1           |
| <a href="#">PPLT00309-P</a> | 0-10V Dimming (to 0.1%) | 120-277VAC to 800mA, 50W, Class 2 | 1-1           |

For other power supply options consult factory.

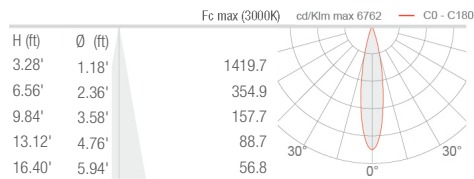
Job Name/Date:

Fixture Type Designation:

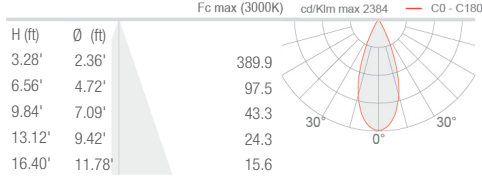
## PHOTOMETRIC DATA

Note all Photometry is 3000K

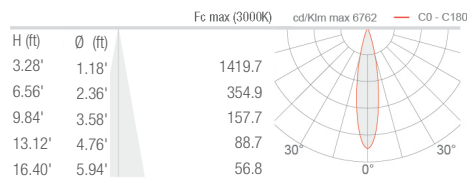
### S - 20° CRI 90 - flat, round cover



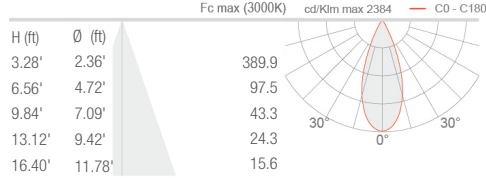
### L - 38° CRI 90 - flat, round cover



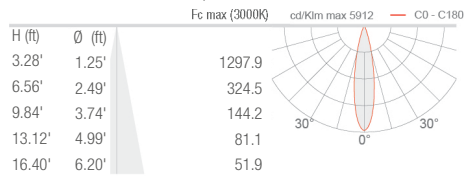
### S - 20° CRI 90 - shallow, round cover



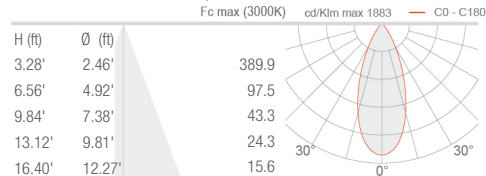
### L - 38° CRI 90 - shallow, round cover



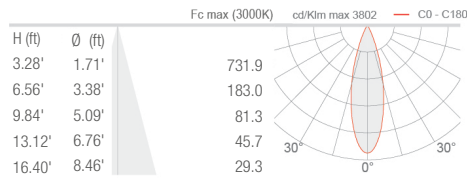
### S - 21° CRI 90 - deep, round cover



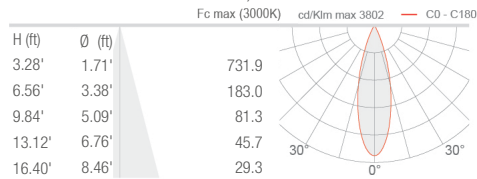
### L - 41° CRI 90 - deep, round cover



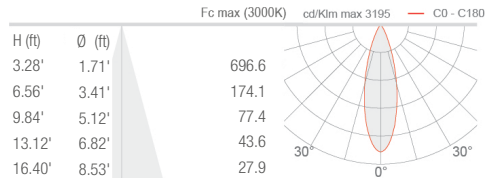
### M - 29° CRI 90 - flat, round cover



### M - 29° CRI 90 - shallow, round cover



### M - 30° CRI 90 - deep, round cover



Job Name/Date:

Fixture Type Designation: