

# COMBINA D 2.0 (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 2.0 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

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Wattage / Input    | 11W (300mA), 15W (400mA)                                                                                           |
| Power Supply       | Remote Constant Current                                                                                            |
| Construction       | Body: Die-cast Aluminum and Bayblend<br>Bezel/Cover: Die-cast Aluminum<br>Cables: 2x0.98' Single-core PVC included |
| CCT                | 2700K, 3000K, 4000K (only CRI>90)                                                                                  |
| CRI                | >90, >97 (not available on 4000K)                                                                                  |
| Delivered Lumens   | 810 lm (3000K, 36°, CRI >97)<br>907 lm (3000K, 36°, CRI >90)                                                       |
| Efficacy           | 76.3 lm/W (3000K, 36°, CRI >97)<br>82.5 lm/W (3000K, 36°, CRI >90)                                                 |
| Optics             | 25°, 30°, 36°                                                                                                      |
| Finishes           | White, Black, Antique Bronze, Primer, Custom RAL<br>(4 Stage Marine Grade Finish)                                  |
| Fixture Dimensions | Ø3.35" (See base measurements at right)                                                                            |
| Fixture Weight     | 1.10 lbs                                                                                                           |
| LED Source         | 1 High Intensity Power LED                                                                                         |
| Lumen Maintenance  | L90, B10 >50,000 hrs (Ta 25°C)                                                                                     |
| Color Consistency  | 2-Step MacAdam                                                                                                     |
| Operating Temp.    | -4°F to +113°F                                                                                                     |
| IP Rating          | IP40, IP44 with filter                                                                                             |
| UGR Rating         | 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: CC2020100050M0-US

|           |                                                            |                                                               |                                  |     |
|-----------|------------------------------------------------------------|---------------------------------------------------------------|----------------------------------|-----|
| CC2020    |                                                            |                                                               |                                  | -US |
| Model No. | CRI                                                        | CCT                                                           | Optics                           |     |
| CC2020    | 1000 - >90<br>2000 - >97<br>*CRI>97 not available on 4000K | F0 - 2700K<br>50 - 3000K<br>90 - 4000K<br>(4000K only CRI>90) | S0 - 25°<br>M0 - 30°<br>L0 - 36° | -US |

Job Name/Date:

Fixture Type Designation:



Round, Flat Cover

Fixed Body Dimensions



Round, Shallow Cover



Round, Deep Cover

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datasheet

Enter code here:

## ROUND RETAINING BEZEL - For Installation (REQUIRED)



**WGCC20A1F**

Round Bezel

*For flush installation*

*Cut Out Dimensions Ø3.66"*



**WGCC20A1T**

Round Bezel

*For regressed installation*

*Cut Out Dimensions Ø2.95"*

Enter code here:

## ROUND COVERS - For Installation (REQUIRED)



**WZCC2010\_**

Round Flat



**WZCC2030\_**

Round Shallow



**WZCC2050\_**

Round Deep

*Include one of the below finishes as last digit:*

**8** - Primer

**E** - White

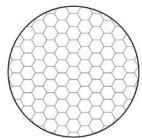
**N** - Black

**Z** - Antique Bronze

**C** - Custom RAL

Enter code here:

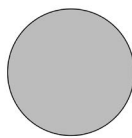
## ACCESSORIES - Installation



**WHCC20A1**

Honeycomb Louver

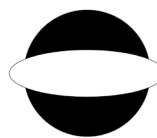
*Round Cover: Flat, Shallow, Deep*



**WRCC20R1D**

Diffuser Filter

*Round Cover: Flat, Shallow, Deep*



**WRCC20R1W**

Elliptical Filter

*Round Cover: Flat, Shallow, Deep*



**WRCC20R1T**

Transparent IP44 screen

*Round Cover: Flat, Shallow, Deep*

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

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

400mA - High Lumen Output (15W, Delivered Lumens)

| Part Number                 | Description             | Input/Output                       | # of Fixtures |
|-----------------------------|-------------------------|------------------------------------|---------------|
| <a href="#">PPLT00465-P</a> | 0-10V Dimming (to 1.0%) | 120-277VAC to 400mA, 20W, Class 2  | 1-1           |
| <a href="#">PPLT00308-P</a> | 0-10V Dimming (to 0.1%) | 120-277VAC to 400mA, 30W, Class 2  | 1-1           |
| <a href="#">PPLT00168-P</a> | 0-10V Dimming (to 1.0%) | 120-277VAC to 400mA, 50W, Class 2  | 1-2           |
| <a href="#">PPLT00538-P</a> | 0-10V Dimming (to 0.1%) | 120-277VAC to 400mA, 100W, Class 2 | 1-4           |

300mA - Low Lumen Output (11W, Delivered Lumens: 907 at 36°, 3000K, CRI >90)

| Part Number                 | Description             | Input/Output                       | # of Fixtures |
|-----------------------------|-------------------------|------------------------------------|---------------|
| <a href="#">PPLT00465-P</a> | 0-10V Dimming (to 1.0%) | 120-277VAC to 300mA, 20W, Class 2  | 1-1           |
| <a href="#">PPLT00308-P</a> | 0-10V Dimming (to 0.1%) | 120-277VAC to 300mA, 30W, Class 2  | 1-1           |
| <a href="#">PPLT00168-P</a> | 0-10V Dimming (to 1.0%) | 120-277VAC to 300mA, 50W, Class 2  | 1-2           |
| <a href="#">PPLT00538-P</a> | 0-10V Dimming (to 0.1%) | 120-277VAC to 300mA, 100W, Class 2 | 1-4           |

*For other power supply options consult factory.*

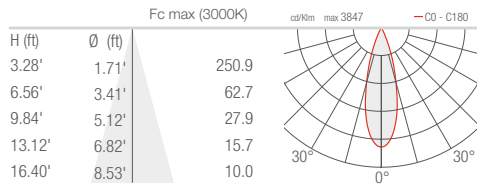
Job Name/Date:

Fixture Type Designation:

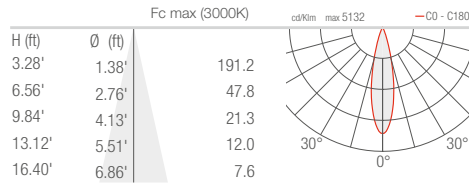
## PHOTOMETRIC DATA

Note all Photometry is 3000K

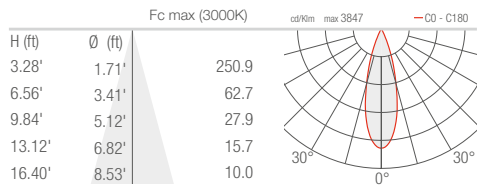
### M - 30° CRI 90 - flat, round cover



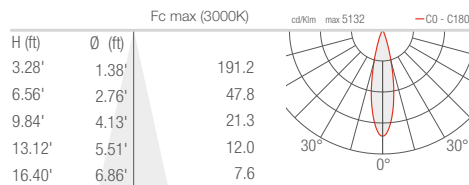
### S - 25° CRI 90 - flat, round cover



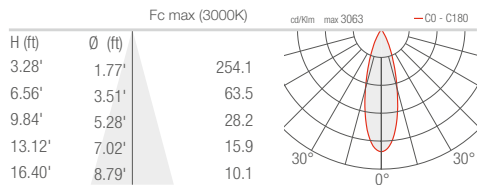
### M - 30° CRI 90 - shallow, round cover



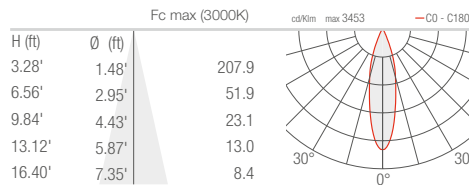
### S - 25° CRI 90 - shallow, round cover



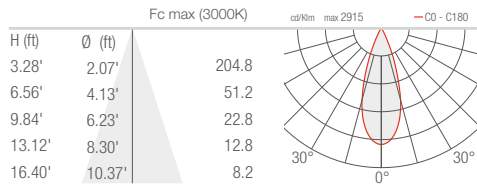
### M - 30° CRI 90 - deep, round cover



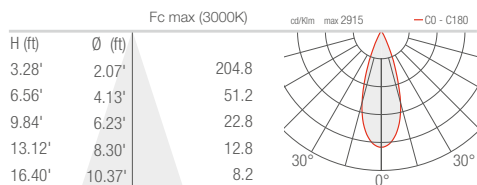
### S - 25° CRI 90 - deep, round cover



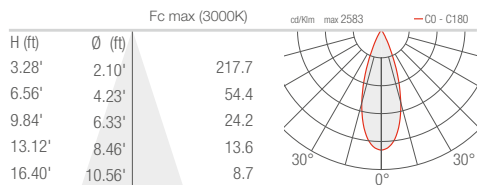
### L - 36° CRI 90 - flat, round cover



### L - 36° CRI 90 - shallow, round cover



### L - 36° CRI 90 - deep, round cover



Job Name/Date:

Fixture Type Designation: