

COMBINA D 1.0 (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 1.0 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 | 6W (500mA) |
| Power Supply | Remote Constant Current |
| Construction | Body: Die-cast Aluminum and Bayblend Bezel/Cover: Die-cast Aluminum Cables: 2x0.98' Single-core PVC included |
| CCT | 2700K, 3000K, 4000K |
| CRI | >90 |
| Delivered Lumens | 345 lm (3000K, 16°) |
| Efficacy | 57.5 lm/W (3000K, 16°) |
| Optics | 16°, 22° ⁽¹⁾ , 33° ⁽¹⁾ ⁽¹⁾ If you choose the deep cover, the optics change from 22° to 23° and from 33° to 42° |
| Finishes | White, Black, Antique Bronze, Primer, Custom RAL |
| Fixture Dimensions | Ø2.76" (See base measurements at right) |
| Fixture Weight | 0.66 lbs |
| LED Source | 1 High Intensity Power LED |
| Lumen Maintenance | L90, B10 >50,000 hrs (Ta 25°C) |
| Color Consistency | 3-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 |



Round, Flat Cover

Fixed Body Dimensions



Round, Shallow Cover



Round, Deep Cover

ORDERING INFORMATION - *Required continued on page 2.*

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

Ex: CC1020100050MI-US

| | | | |
|------------------|-------------------|---------------------------------------|-----|
| CC10201000 | | | -US |
| Model No. | CCT | Optics | |
| CC10201000 | F0 - 2700K | S0 - 16° | -US |
| | 50 - 3000K | M0 - 22° (23° with deep cover) | |
| | 90 - 4000K | L0 - 33° (42° with deep cover) | |

Job Name/Date:

Fixture Type Designation:

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datasheet

Enter code here:

ROUND RETAINING BEZEL - For Installation (REQUIRED)



WGCC10A1F
Round Bezel
For flush installation
Cut Out Dimensions Ø3.07"



WGCC10A1T
Round Bezel
For regressed installation
Cut Out Dimensions Ø2.36"

Enter code here:

ROUND COVERS - For Installation (REQUIRED)



WZCC1010_
Round Flat



WZCC1030_
Round Shallow



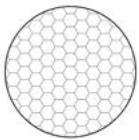
WZCC1050_
Round Deep

Include one of the below finishes as last digit:

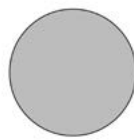
- 8 - Primer
- E - White
- N - Black
- Z - Antique Bronze
- C - Custom RAL

Enter code here:

ACCESSORIES - Installation



WHCC10A1
Honeycomb Louver
Round Cover: Flat, Shallow, Deep



WRCC10R1D
Diffuser Filter
Round Cover: Flat, Shallow, Deep



WRCC10R1W
Elliptical Filter
Round Cover: Flat, Shallow, Deep



WRCC10R1T
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

500mA - Low Lumen Output (6W, Delivered Lumens 345 at 16°)

| Part Number | Description | Input/Output | # of Fixtures |
|-----------------------------|-------------------------|------------------------------------|---------------|
| PPLT00469 | Phase Dim (120V Only) | 120VAC to 500mA, 14W, Class 2 | 1-2 |
| PPLT00308-P | 0-10V Dimming (to 0.1%) | 120-277VAC to 500mA, 30W, Class 2 | 1-4 |
| PPLT00467-P | 0-10V Dimming (to 1.0%) | 120-277VAC to 500mA, 50W, Class 2 | 1-4 |
| PPLT00538-P | 0-10V Dimming (to 0.1%) | 120-277VAC to 500mA, 100W, Class 2 | 1-12 |

Suggested Lutron Compatible - Low Lumen Output (6W, Delivered Lumens 345 at 16°)

| Part Number | Option | Lutron SKU | Dim Range | Description | Input/Output | # of Fixtures |
|---------------------------|----------------|------------|-----------|---|-----------------------------------|---------------|
| PPLT00259 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 500mA, 10W, Class 2 | 1-1 |
| PPLT00195 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 500mA, 19W, Class 2 | 2-2 |
| PPLT00180 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 500mA, 27W, Class 2 | 3-3 |

SUGGESTED POWER SUPPLIES

700mA - Low Lumen Output (8.5W, Delivered Lumens)

| Part Number | Description | Input/Output | # of Fixtures |
|-----------------------------|-------------------------|------------------------------------|---------------|
| PPLT00470 | Phase Dim (120V Only) | 120VAC to 700mA, 14W, Class 2 | 1-1 |
| PPLT00308-P | 0-10V Dimming (to 0.1%) | 120-277VAC to 700mA, 30W, Class 2 | 1-3 |
| PPLT00467-P | 0-10V Dimming (to 1.0%) | 120-277VAC to 700mA, 50W, Class 2 | 1-4 |
| PPLT00538-P | 0-10V Dimming (to 0.1%) | 120-277VAC to 700mA, 100W, Class 2 | 1-8 |

Suggested Lutron Compatible - 700mA Low Lumen Output (8.5W, Delivered Lumens)

| Part Number | Option | Lutron SKU | Dim Range | Description | Input/Output | # of Fixtures |
|---------------------------|----------------|------------|-----------|---|-----------------------------------|---------------|
| PPLT00515 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 700mA, 14W, Class 2 | 1-1 |
| PPLT00517 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 700mA, 27W, Class 2 | 2-2 |
| PPLT00181 | L3DAE / L3DA3W | L3DA | 100%-1% | Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver | 120-277VAC to 700mA, 38W, Class 2 | 3-4 |

For other power supply options consult factory.

Job Name/Date:

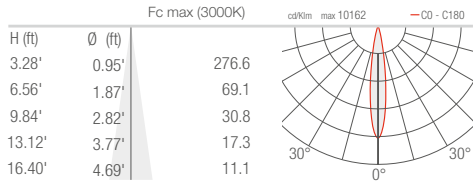
Fixture Type Designation:

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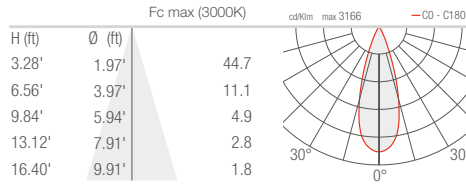
PHOTOMETRIC DATA

Note all Photometry is 3000K

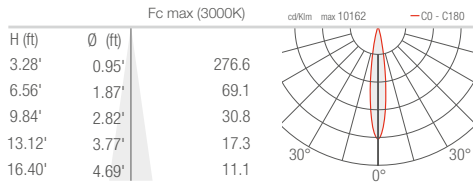
S - 16° CRI 90 - flat, round cover



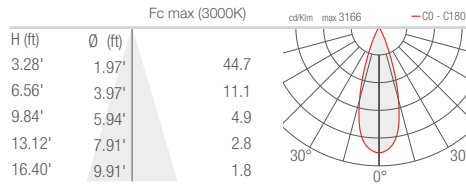
L - 33° CRI 90 - flat, round cover



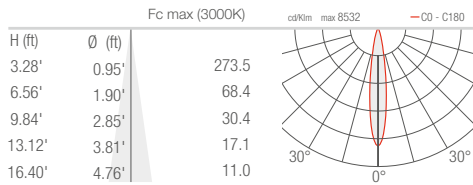
S - 16° CRI 90 - shallow, round cover



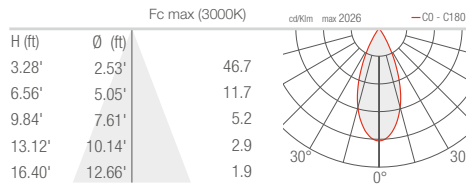
L - 33° CRI 90 - shallow, round cover



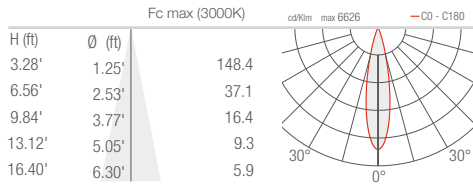
S - 16° CRI 90 - deep, round cover



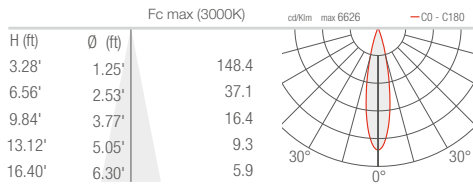
L - 42° CRI 90 - deep, round cover



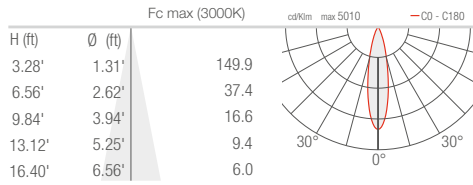
M - 22° CRI 90 - flat, round cover



M - 22° CRI 90 - shallow, round cover



M - 23° CRI 90 - deep, round cover



Job Name/Date:

Fixture Type Designation: