

# 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 Bezel/Cover: Die-cast Aluminum 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) 2363 lm (3000K, 41°, CRI >90)
<b>Efficacy</b>	79.4 lm/W (3000K, 41°, CRI >97) 81.5 lm/W (3000K, 41°, CRI >90)
<b>Optics</b>	20° <sup>(2)</sup> , 29° <sup>(2)</sup> , 38° <sup>(2)</sup> <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
<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



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: CC4020100050M0-US

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

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



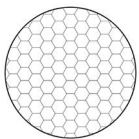
**WZCC4050\_**  
Round Deep

Include one of the below finishes as last digit:

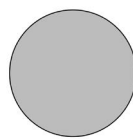
- 8 - Primer
- E - White
- N - Black
- Z - Antique Bronze
- C - Custom RAL

Enter code here:

## ACCESSORIES - Installation



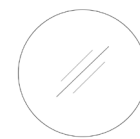
**WHCC40A1**  
Honeycomb Louver  
Round Cover: Flat, Shallow



**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:

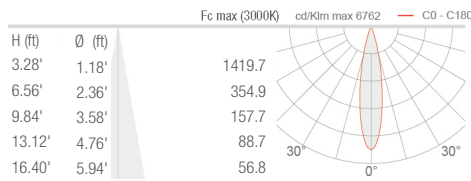
Fixture Type Designation:

# COMBINA D 4.0 (ROUND FIXED)

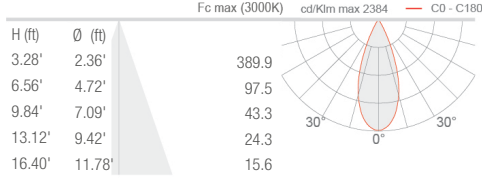
## PHOTOMETRIC DATA

Note all Photometry is 3000K

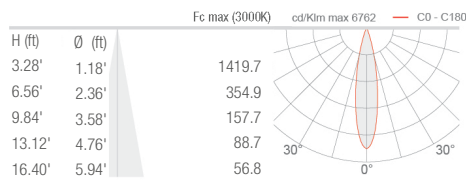
### S - 20° CRI 90 - flat, round cover



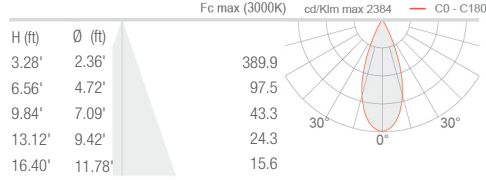
### L - 38° CRI 90 - flat, round cover



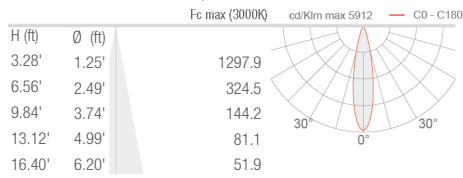
### S - 20° CRI 90 - shallow, round cover



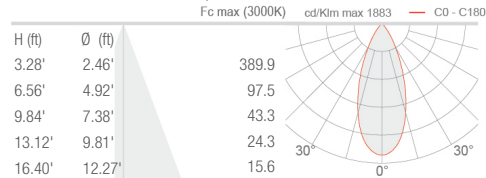
### L - 38° CRI 90 - shallow, round cover



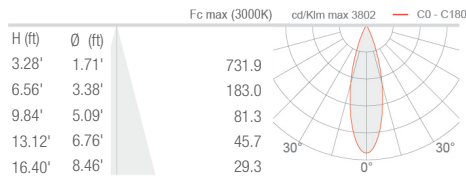
### S - 21° CRI 90 - deep, round cover



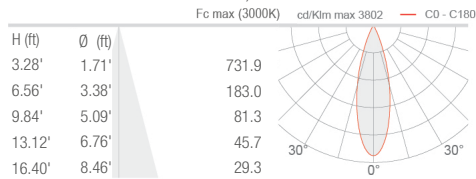
### L - 41° CRI 90 - deep, round cover



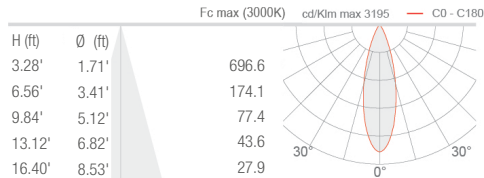
### M - 29° CRI 90 - flat, round cover



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



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



Job Name/Date:

Fixture Type Designation: