

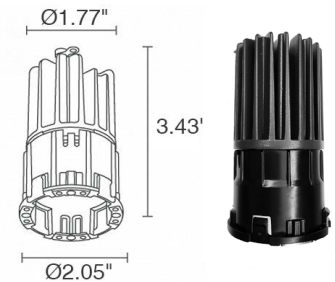
# COMBINA D 1.0 (SQUARE FIXED)

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 Square 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.



Square, Flat Cover

Fixed Body Dimensions



## TECHNICAL DATA

<b>Wattage / Input</b>	6W (500mA)
<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
<b>CRI</b>	>90
<b>Delivered Lumens</b>	345 lm (3000K, 16°)
<b>Efficacy</b>	57.5 lm/W (3000K, 16°)
<b>Optics</b>	16°, 22° <sup>(1)</sup> , 33° <sup>(1)</sup> <sup>(1)</sup> If you choose the deep cover, the optics change from 22° to 23° and from 33° to 42°
<b>Finishes</b>	White, Black, Antique Bronze, Primer, Custom RAL
<b>Fixture Dimensions</b>	2.76" w x 2.76" l (See base measurements at right)
<b>Fixture Weight</b>	0.66 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>	3-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



Square, Shallow Cover



Square, Deep Cover

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

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

Ex: CC10201000F0SI-US

CC10201000			-US
<b>Model No.</b>	<b>CCT</b>	<b>Optics</b>	
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:

# COMBINA D 1.0 (SQUARE FIXED)

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

datasheet

Enter code here:

## SQUARE RETAINING BEZEL - For Installation (REQUIRED)



**WGCC10A2F**  
Square Bezel  
For flush installation  
Cut Out Dimensions 3.07" x 3.07"



**WGCC10A2T**  
Square Bezel  
For regressed installation  
Cut Out Dimensions 2.36" x 2.36"

Enter code here:

## SQUARE COVERS - For Installation (REQUIRED)



**WZCC1020\_**  
Square Flat



**WZCC1040\_**  
Square Shallow



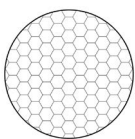
**WZCC1060\_**  
Square Deep

Include one of the below finishes as last digit:

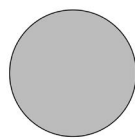
- 8 - Primer
- E - White
- N - Black
- Z - Antique Bronze
- C - Custom RAL

Enter code here:

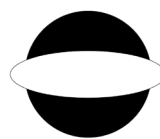
## ACCESSORIES - Installation



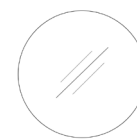
**WHCC10A1**  
Honeycomb Louver  
Square Cover: Deep



**WRCC10R1D**  
Diffuser Filter  
Square Cover: Deep



**WRCC10R1W**  
Elliptical Filter  
Square Cover: Deep



**WRCC10R1T**  
Transparent IP44 screen  
Square Cover: Deep

**WHCC10A2**  
Honeycomb Louver  
Square Cover: Flat, Shallow

**WRCC10S1D**  
Diffuser Filter  
Square Cover: Flat, Shallow

**WRCC10S1W**  
Elliptical Filter  
Square Cover: Flat, Shallow

**WRCC10S1T**  
Transparent IP44 screen  
Square Cover: Flat, Shallow

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
<a href="#">PPLT00187</a>	0-10V Dimming (to 10%)	120-277VAC to 500mA, 10W, Class 2	1-1
<a href="#">PPLT00469</a>	Phase Dimming (120V Only)	120VAC to 500mA, 14W, Class 2	1-2
<a href="#">PPLT00308-P</a>	0-10V Dimming (to 0.1%)	120-277VAC to 500mA, 30W, Class 2	1-4
<a href="#">PPLT00467-P</a>	0-10V Dimming (to 1.0%)	120-277VAC to 500mA, 50W, Class 2	1-4
<a href="#">PPLT00538-P</a>	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
<a href="#">PPLT00249</a>	LTEA2W	LTEA	100%-1%	Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only)	120VAC to 500mA, 10W, Class 2	1-1
<a href="#">PPLT00259</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 500mA, 10W, Class 2	1-1
<a href="#">PPLT00195</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 500mA, 19W, Class 2	2-2
<a href="#">PPLT00250</a>	LTEA2W	LTEA	100%-1%	Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only)	120VAC to 500mA, 27W, Class 2	3-3
<a href="#">PPLT00180</a>	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
<a href="#">PPLT00470</a>	Phase Dim (120V Only)	120VAC to 700mA, 14W, Class 2	1-1
<a href="#">PPLT00308-P</a>	0-10V Dimming (to 0.1%)	120-277VAC to 700mA, 30W, Class 2	1-3
<a href="#">PPLT00467-P</a>	0-10V Dimming (to 1.0%)	120-277VAC to 700mA, 50W, Class 2	1-4
<a href="#">PPLT00538-P</a>	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
<a href="#">PPLT00512</a>	LTEA2W	LTEA	100%-1%	Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only)	120VAC to 700mA, 14W, Class 2	1-1
<a href="#">PPLT00515</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 700mA, 14W, Class 2	1-1
<a href="#">PPLT00278</a>	LTEA2W	LTEA	100%-1%	Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only)	120VAC to 700mA, 27W, Class 2	2-2
<a href="#">PPLT00517</a>	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 700mA, 27W, Class 2	2-2
<a href="#">PPLT00510</a>	LTEA2W	LTEA	100%-1%	Hi-Lume™ 1% 2-Wire LED Driver (120V forward phase only)	120VAC to 700mA, 38W, Class 2	3-4
<a href="#">PPLT00181</a>	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.

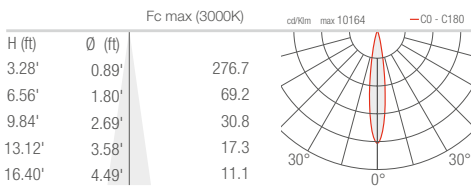
Job Name/Date:

Fixture Type Designation:

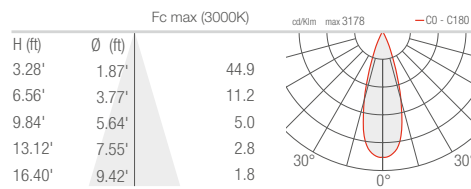
## PHOTOMETRIC DATA

Note all Photometry is 3000K

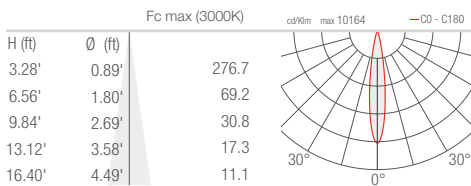
### S - 16° CRI 90 - flat, square cover



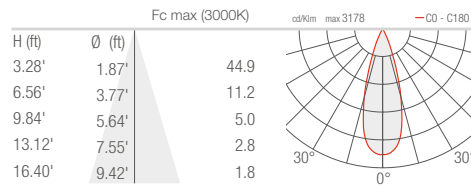
### L - 33° CRI 90 - flat, square cover



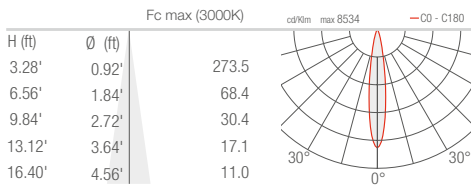
### S - 16° CRI 90 - shallow, square cover



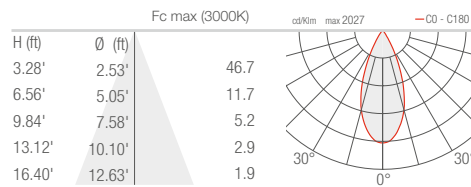
### L - 33° CRI 90 - shallow, square cover



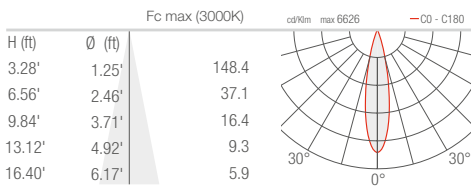
### S - 16° CRI 90 - deep, square cover



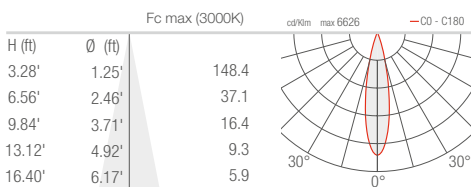
### L - 42° CRI 90 - deep, square cover



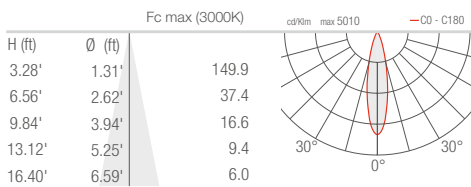
### M - 22° CRI 90 - flat, square cover



### M - 22° CRI 90 - shallow, square cover



### M - 23° CRI 90 - deep, square cover



Job Name/Date:

Fixture Type Designation: