

# COMBINA D 3.0 (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 3.0 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.

## TECHNICAL DATA

<b>Wattage / Input</b>	15W (400mA)
<b>Power Supply</b>	Remote Constant Current
<b>Construction</b>	Body: Die-cast Aluminium 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>	1094 lm (3000K, 36°, CRI >97) 1177 lm (3000K, 36°, CRI >90)
<b>Efficacy</b>	72.9 lm/W (3000K, 36°, CRI >97) 78.5 lm/W (3000K, 36°, CRI >90)
<b>Optics</b>	18°, 29°, 36°
<b>Finishes</b>	White, Black, Antique Bronze, Primer, Custom RAL
<b>Fixture Dimensions</b>	5.35" w x 5.35" l (See base measurements at right)
<b>Fixture Weight</b>	1.98 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



Square, Flat Cover

Fixed Body Dimensions



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](mailto:quotes@designplan.com))

Ex: CC30201000F0S0-US

CC3020				-US
Model No.	CRI	CCT	Optics	
CC3020	1000 - >90 2000 - >97 *CRI>97 not available on 4000K	F0 - 2700K 50 - 3000K 90 - 4000K (4000K only CRI>90)	S0 - 18° M0 - 29° L0 - 36°	-US

Job Name/Date:

Fixture Type Designation:

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datasheet

Enter code here:

## SQUARE RETAINING BEZEL - For Installation (REQUIRED)



**WGCC30A2F**  
Square Bezel  
For flush installation  
Cut Out Dimensions 5.71" x 5.71"



**WGCC30A2T**  
Square Bezel  
For regressed installation  
Cut Out Dimensions 4.92" x 4.92"

Enter code here:

## SQUARE COVERS - For Installation (REQUIRED)



**WZCC3020\_**  
Square Flat



**WZCC3040\_**  
Square Shallow



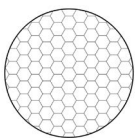
**WZCC3060\_**  
Square Deep

Include one of the below finishes as last digit:

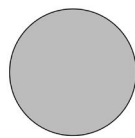
- 8 - Primer
- E - White
- N - Black
- Z - Antique Bronze
- C - Custom RAL

Enter code here:

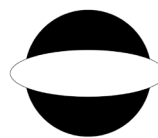
## ACCESSORIES - Installation



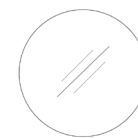
**WHCC30A1**  
Honeycomb Louver  
Square Cover: Flat, Shallow



**WRCC30R1D**  
Diffuser Filter  
Square Cover: Flat, Shallow



**WRCC30R1W**  
Elliptical Filter  
Square Cover: Flat, Shallow



**WRCC30R1T**  
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

400mA - High Lumen Output (15W Delivered Lumens 1177 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 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

*For other power supply options consult factory.*

Job Name/Date:

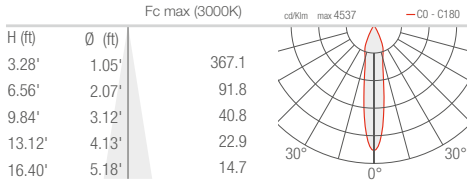
Fixture Type Designation:

# COMBINA D 3.0 (SQUARE FIXED)

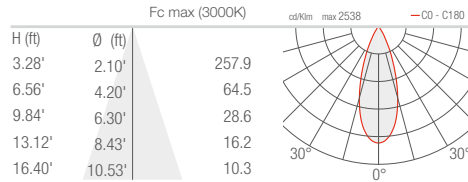
## PHOTOMETRIC DATA

Note all Photometry is 3000K

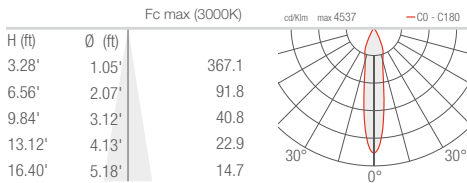
**S** - 18° CRI 90 - flat, square cover



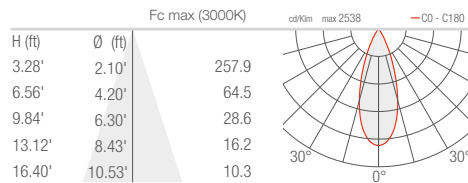
**L** - 36° CRI 90 - flat, square cover



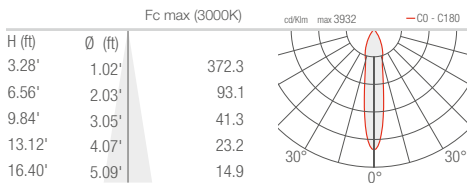
**S** - 18° CRI 90 - shallow, square cover



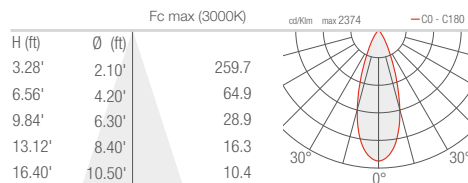
**L** - 36° CRI 90 - shallow, square cover



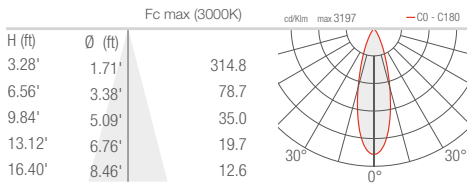
**S** - 18° CRI 90 - deep, square cover



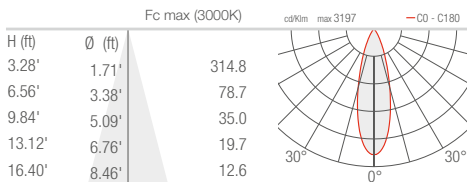
**L** - 36° CRI 90 - deep, square cover



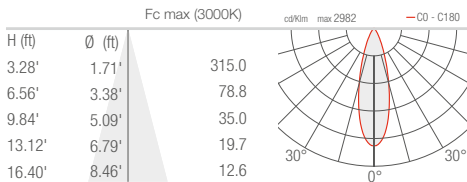
**M** - 29° CRI 90 - flat, square cover



**M** - 29° CRI 90 - shallow, square cover



**M** - 29° CRI 90 - deep, square cover



Job Name/Date:

Fixture Type Designation: