

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

Wattage / Input	15W (400mA)
Power Supply	Remote Constant Current
Construction	Body: Die-cast Aluminium and Bayblend Bezel/Cover: Die-cast Aluminum Cables: 2x0.98' Single-core PVC included
CCT	2700K, 3000K, 4000K (only CRI>90)
CRI	>90, >97 (not available on 4000K)
Delivered Lumens	1094 lm (3000K, 36°, CRI >97) 1177 lm (3000K, 36°, CRI >90)
Efficacy	72.9 lm/W (3000K, 36°, CRI >97) 78.5 lm/W (3000K, 36°, CRI >90)
Optics	18°, 29°, 36°
Finishes	White, Black, Antique Bronze, Primer, Custom RAL (4 Stage Marine Grade Finish)
Fixture Dimensions	5.35" w x 5.35" l (See base measurements at right)
Fixture Weight	1.98 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)

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:



Square, Flat Cover

Fixed Body Dimensions



Square, Shallow Cover



Square, Deep Cover

COMBINA D 3.0 (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)



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



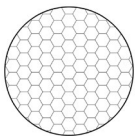
WZCC3060_
Square Deep

Include one of the below finishes as last digit:

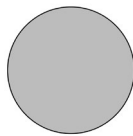
- 8 - Primer
- E - White
- N - Black
- Z - Antique Bronze
- C - Custom RAL

Enter code here:

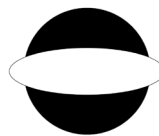
ACCESSORIES - Installation



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
PPLT00465-P	0-10V Dimming (to 1.0%)	120-277VAC to 400mA, 20W, Class 2	1-1
PPLT00168-P	0-10V Dimming (to 1.0%)	120-277VAC to 400mA, 50W, Class 2	1-2
PPLT00561-P	0-10V Dimming (to 0.1%)	120-277VAC to 400mA, 100W, Class 2	1-1

For other power supply options consult factory.

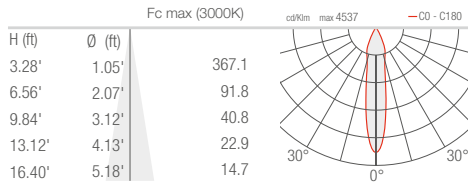
Job Name/Date:

Fixture Type Designation:

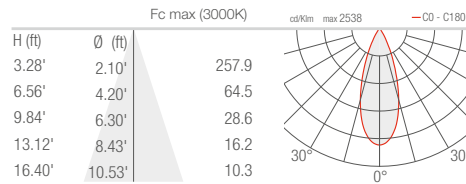
PHOTOMETRIC DATA

Note all Photometry is 3000K

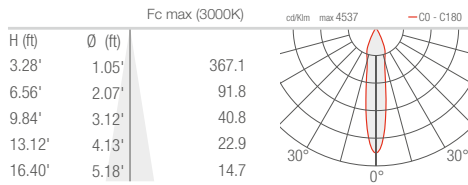
S - 18° CRI 90 - flat, square cover



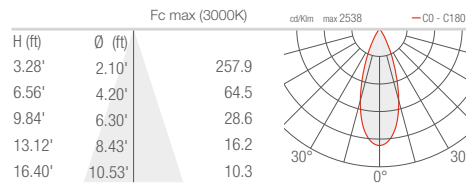
L - 36° CRI 90 - flat, square cover



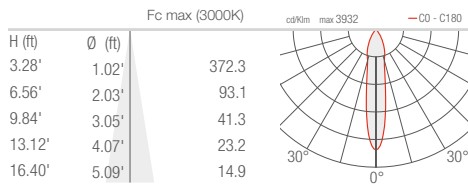
S - 18° CRI 90 - shallow, square cover



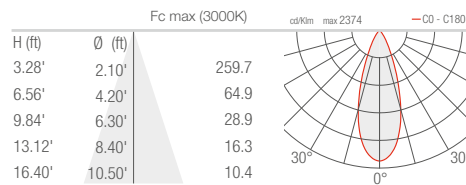
L - 36° CRI 90 - shallow, square cover



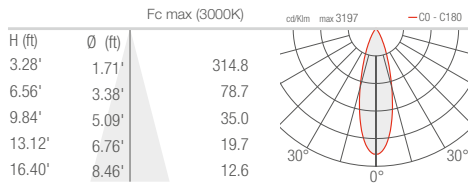
S - 18° CRI 90 - deep, square cover



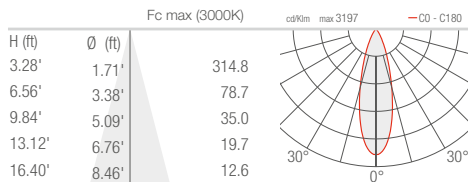
L - 36° CRI 90 - deep, square cover



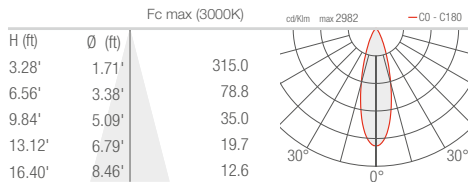
M - 29° CRI 90 - flat, square cover



M - 29° CRI 90 - shallow, square cover



M - 29° CRI 90 - deep, square cover



Job Name/Date:

Fixture Type Designation: