

COMBINA D 2.0 (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 2.0 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	11W (300mA), 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	810 lm (3000K, 36°, CRI >97), 907 lm (3000K, 36°, CRI >90)
Efficacy	76.3 lm/W (3000K, 36°, CRI >97) 82.5 lm/W (3000K, 36°, CRI >90)
Optics	25°, 30°, 36°
Finishes	White, Black, Antique Bronze, Primer, Custom RAL (4 Stage Marine Grade Finish)
Fixture Dimensions	3.35" w x 3.35" l (See base measurements at right)
Fixture Weight	1.10 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: CC20201000F0S0-US

CC2020				-US
Model No.	CRI	CCT	Optics	
CC2020	1000 - >90 2000 - >97 *CRI>97 not available on 4000K	F0 - 2700K 50 - 3000K 90 - 4000K (4000K only CRI>90)	S0 - 25° M0 - 30° L0 - 36°	-US

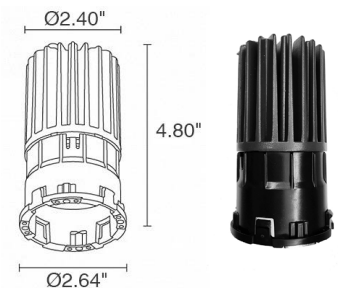
Job Name/Date:

Fixture Type Designation:



Square, Flat Cover

Fixed Body Dimensions



Square, Shallow Cover



Square, Deep Cover

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datasheet

Enter code here:

SQUARE RETAINING BEZEL - For Installation (REQUIRED)



WGCC20A2F

Square Bezel

For flush installation

Cut Out Dimensions 3.62" x 3.62"



WGCC20A2T

Square Bezel

For regressed installation

Cut Out Dimensions 2.95" x 2.95"

Enter code here:

SQUARE COVERS - For Installation (REQUIRED)



WZCC2020_

Square Flat



WZCC2040_

Square Shallow



WZCC2060_

Square Deep

Include one of the below finishes as last digit:

8 - Primer

E - White

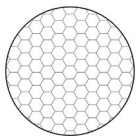
N - Black

Z - Antique Bronze

C - Custom RAL

Enter code here:

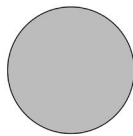
ACCESSORIES - Installation



WHCC20A1

Honeycomb Louver

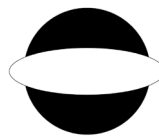
Square Cover: Deep



WRCC20R1D

Diffuser Filter

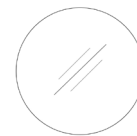
Square Cover: Deep



WRCC20R1W

Elliptical Filter

Square Cover: Deep



WRCC20R1T

Transparent IP44 screen

Square Cover: Deep

WHCC20A2

Honeycomb Louver

Square Cover: Flat, Shallow

WRCC20S1D

Diffuser Filter

Square Cover: Flat, Shallow

WRCC20S1W

Elliptical Filter

Square Cover: Flat, Shallow

WRCC20S1T

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)

Part Number	Description	Input/Output	# of Fixtures
PPLT00465-P	0-10V Dimming (to 1.0%)	120-277VAC to 400mA, 20W, Class 2	1-1
PPLT00308-P	0-10V Dimming (to 0.1%)	120-277VAC to 400mA, 30W, Class 2	1-1
PPLT00168-P	0-10V Dimming (to 1.0%)	120-277VAC to 400mA, 50W, Class 2	1-2
PPLT00538-P	0-10V Dimming (to 0.1%)	120-277VAC to 400mA, 100W, Class 2	1-4

300mA - Low Lumen Output (11W, Delivered Lumens: 907 at 36°, 3000K, CRI >90)

Part Number	Description	Input/Output	# of Fixtures
PPLT00465-P	0-10V Dimming (to 1.0%)	120-277VAC to 300mA, 20W, Class 2	1-1
PPLT00308-P	0-10V Dimming (to 0.1%)	120-277VAC to 300mA, 30W, Class 2	1-1
PPLT00168-P	0-10V Dimming (to 1.0%)	120-277VAC to 300mA, 50W, Class 2	1-2
PPLT00538-P	0-10V Dimming (to 0.1%)	120-277VAC to 300mA, 100W, Class 2	1-4

For other power supply options consult factory.

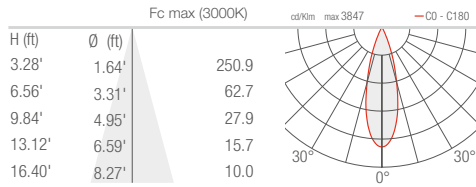
Job Name/Date:

Fixture Type Designation:

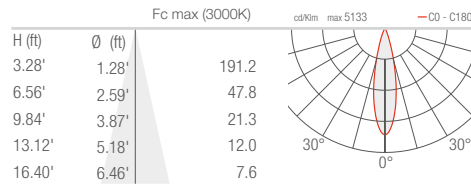
PHOTOMETRIC DATA

Note all Photometry is 3000K

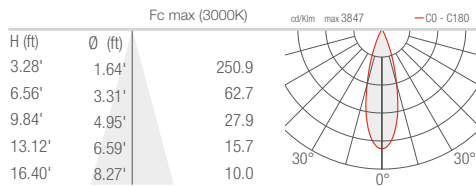
M - 30° CRI 90 - flat, square cover



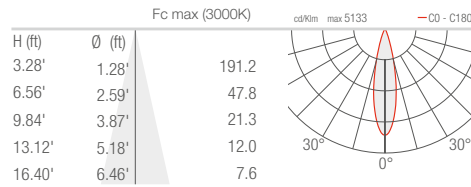
S - 25° CRI 90 - flat, square cover



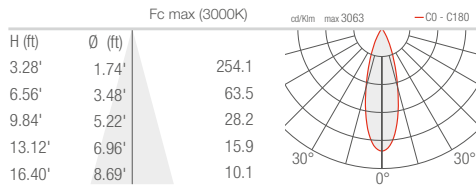
M - 30° CRI 90 - shallow, square cover



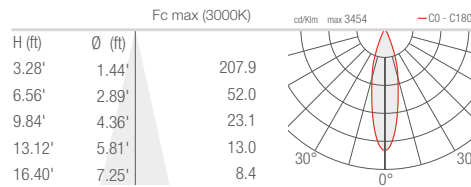
S - 25° CRI 90 - shallow, square cover



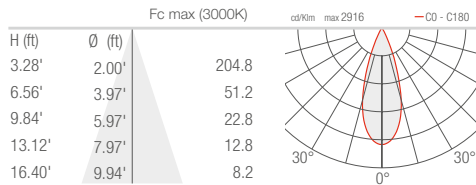
M - 30° CRI 90 - deep, square cover



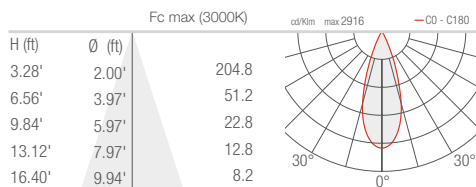
S - 25° CRI 90 - deep, square cover



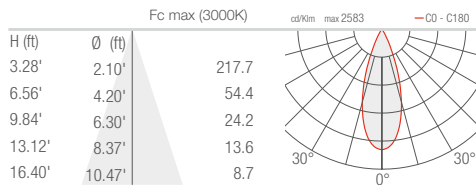
L - 36° CRI 90 - flat, square cover



L - 36° CRI 90 - shallow, square cover



L - 36° CRI 90 - deep, square cover



Job Name/Date:

Fixture Type Designation: