

COMBINA D 4.1 (SQUARE ADJUSTABLE)

designplan®

datasheet

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 4.1 Square is adjustable and can be further customized with the choice of cover in 2 different depths. Optical filters allow you to alter the lighting effect to obtain a diffuse or elliptical output.

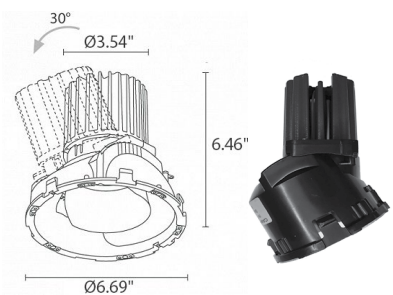
TECHNICAL DATA

Wattage / Input	29W (800mA)
Power Supply	Remote Constant Current
Construction	Body: Die-cast Aluminum 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	2203 lm (3000K, 20°, CRI >97) 2260 lm (3000K, 20°, CRI >90)
Efficacy	76.0 lm/W (3000K, 20°, CRI >97) 77.9 lm/W (3000K, 20°, CRI >90)
Optics	20°, 29°, 38°
Finishes	White, Black, Antique Bronze, Primer, Custom RAL (4 Stage Marine Grade Finish)
Fixture Dimensions	7.87" w x 7.87" l - Adjustable to 30° (See base measurements on right)
Fixture Weight	2.20 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



Square, Flat Cover

Adjustable Body Dimensions



Square, Shallow Cover

ORDERING INFORMATION - Required continued on page 2.

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

Ex: CC41201000F0S0-US.

CC4120				-US
Model No.	CRI	CCT	Optics	
CC4120	1000 - >90 2000 - >97* *CRI>97 not available on 4000K	F0 - 2700K 50 - 3000K 90 - 4000K (4000K only CRI>90)	S0 - 20° M0 - 29° L0 - 38°	-US

Job Name/Date:

Fixture Type Designation:

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Enter code here:

SQUARE RETAINING BEZEL - For Installation (REQUIRED)

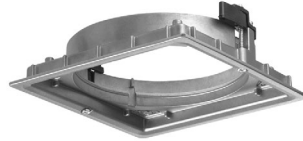


WGCC40A2F

Square Bezel

For flush installation

Cut Out Dimensions 8.27" x 8.27"



WGCC40A2T

Square Bezel

For regressed installation

Cut Out Dimensions 7.36" x 7.36"

Enter code here:

SQUARE COVERS - For Installation (REQUIRED)



WZCC4020_

Square Flat



WZCC4040_

Square Shallow

Deep Cover not available
on adjustable version

Include one of the below finishes as last digit:

8 - Primer

E - White

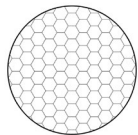
N - Black

Z - Antique Bronze

C - Custom RAL

Enter code here:

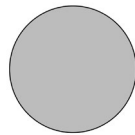
ACCESSORIES - Installation



WHCC40A1

Honeycomb Louver

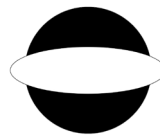
Square Cover: Flat, Shallow



WRCC40R1D

Diffuser Filter

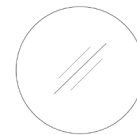
Square Cover: Flat, Shallow



WRCC40R1W

Elliptical Filter

Square Cover: Flat, Shallow



WRCC40R1T

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

800mA - Low Lumen Output (29W only Delivered Lumens 2260 at 20°, 3000K, CRI >90)

Part Number	Description	Input/Output	# of Fixtures
PPLT00491-P	DALI (to 1.0%)	120-277VAC to 800mA, 30W, Class 2	1-1
PPLT00309-P	0-10V Dimming (to 0.1%)	120-277VAC to 800mA, 50W, Class 2	1-1

For other power supply options consult factory.

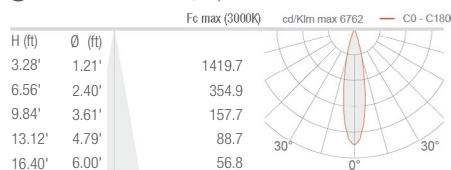
Job Name/Date:

Fixture Type Designation:

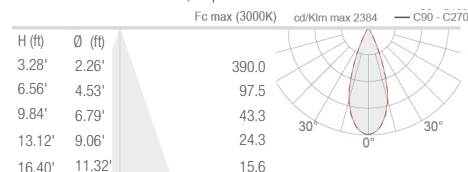
PHOTOMETRIC DATA

Note all Photometry is 3000K

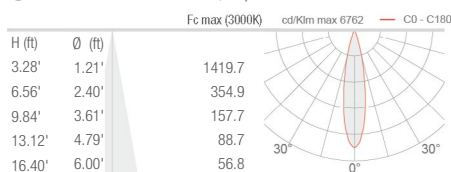
S - 20° CRI 90 - flat, square cover



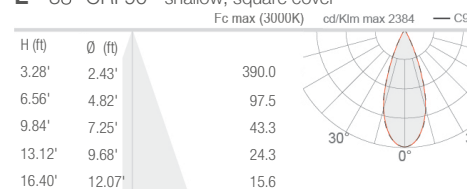
L - 38° CRI 90 - flat, square cover



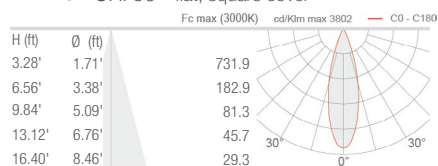
S - 20° CRI 90 - shallow, square cover



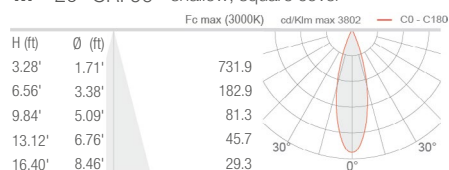
L - 38° CRI 90 - shallow, square cover



M - 29° CRI 90 - flat, square cover



M - 29° CRI 90 - shallow, square cover



Job Name/Date:

Fixture Type Designation: