

COMBINA D 4.0 (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 4.0 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	29W (800mA), 32.5W (900mA)
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	2303 lm (3000K, 41°, CRI >97) 2363 lm (3000K, 41°, CRI >90)
Efficacy	79.4 lm/W (3000K, 41°, CRI >97) 81.5 lm/W (3000K, 41°, CRI >90)
Optics	20° ⁽²⁾ , 29° ⁽²⁾ , 38° ⁽²⁾ ⁽²⁾ If you choose the deep cover, the optics change from 20° to 21°, from 29° to 30° and from 38° to 41°
Finishes	White, Black, Antique Bronze, Primer, Custom RAL (4 Stage Marine Grade Finish)
Fixture Dimensions	7.87" w x 7.87" l (See base measurements at right)
Fixture Weight	2.76 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: CC4020100050M0-US

CC4020				-US
Model #	CRI	CCT	Optics	
CC4020	1000 - >90 2000 - >97 *CRI>97 not available on 4000K	F0 - 2700K 50 - 3000K 90 - 4000K (4000K only CRI>90)	S0 - 20° (21° w/ deep) M0 - 29° (30° w/ deep) L0 - 38° (41° w/ deep)	-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)



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



WZCC4060_

Square Deep

Include one of the below finishes as last digit:

8 - Primer

E - White

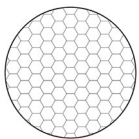
N - Black

Z - Antique Bronze

C - Custom RAL

Enter code here:

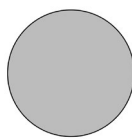
ACCESSORIES - Installation



WHCC40A1

Honeycomb Louver

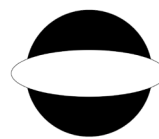
Square Cover: Flat, Shallow



WRCC40R1D

Diffuser Filter

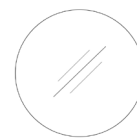
Square Cover: Flat, Shallow



WRCC40R1W

Elliptical Filter

Square Cover: Flat, Shallow



WRCC40R1T

Transparent IP44 screen

Square Cover: Flat, Shallow

WHCC40A3

Honeycomb Louver

Square Cover: Deep

WRCC40R3D

Diffuser Filter

Square Cover: Deep

WRCC40R3W

Elliptical Filter

Square Cover: Deep

WRCC40R3T

Transparent IP44 screen

Square Cover: Deep

Adding this filter changes
the light output: please consult
the photometric data.

Job Name/Date:

Fixture Type Designation:

SUGGESTED POWER SUPPLIES

900mA - High Lumen Output (32.5W Delivered Lumens)

Part Number	Description	Input/Output	# of Fixtures
PPLT00198	0-10V Dimming (to 10%)	120-277VAC to 900mA, 45W, Class 2	1-1
PPLT00467-P	0-10V Dimming (to 1.0%)	120-277VAC to 900mA, 50W, Class 2	1-1

800mA - Low Lumen Output (29W Delivered Lumens 2363 at 41°, 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.

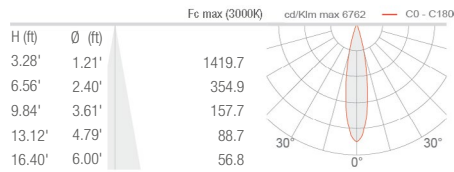
Job Name/Date:

Fixture Type Designation:

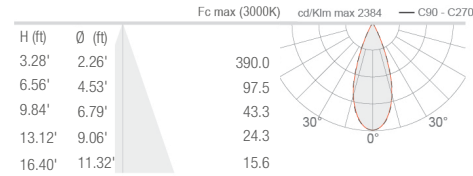
PHOTOMETRIC DATA

Note all Photometry is 3000K

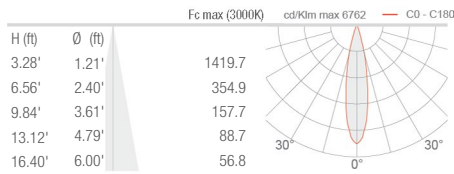
S - 20° CRI 90 - flat, square cover



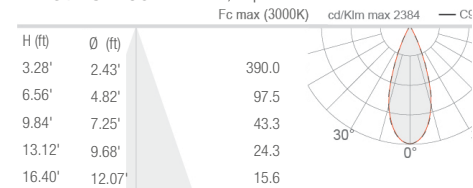
L - 38° CRI 90 - flat, square cover



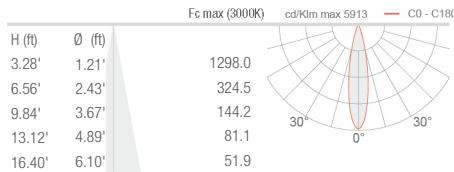
S - 20° CRI 90 - shallow, square cover



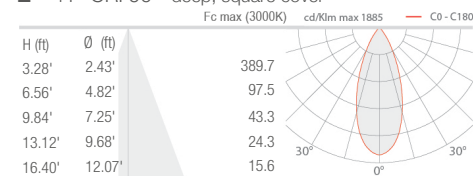
L - 38° CRI 90 - shallow, square cover



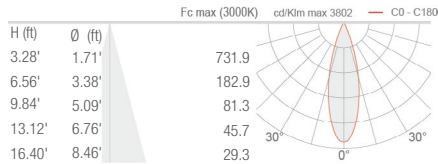
S - 21° CRI 90 - deep, square cover



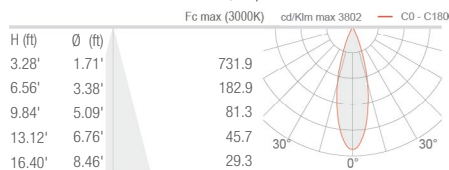
L - 41° CRI 90 - deep, square cover



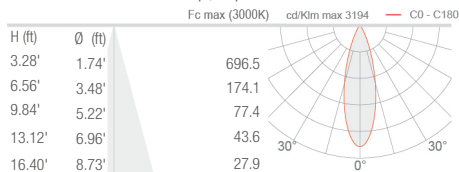
M - 29° CRI 90 - flat, square cover



M - 29° CRI 90 - shallow, square cover



M - 30° CRI 90 - deep, square cover



Job Name/Date:

Fixture Type Designation: