

COMBINA D 1.0 (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 1.0 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	6W (500mA)
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
CRI	>90
Delivered Lumens	345 lm (3000K, 16°)
Efficacy	57.5 lm/W (3000K, 16°)
Optics	16°, 22° ⁽¹⁾ , 33° ⁽¹⁾ ⁽¹⁾ If you choose the deep cover, the optics change from 22° to 23° and from 33° to 42°
Finishes	White, Black, Antique Bronze, Primer, Custom RAL (4 Stage Marine Grade Finish)
Fixture Dimensions	2.76" w x 2.76" l (See base measurements at right)
Fixture Weight	0.66 lbs
LED Source	1 High Intensity Power LED
Lumen Maintenance	L90, B10 >50,000 hrs (Ta 25°C)
Color Consistency	3-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: CC10201000F0SI-US

CC10201000			-US
Model No.	CCT	Optics	
CC10201000	F0 - 2700K	S0 - 16°	-US
	50 - 3000K	M0 - 22° (23° with deep cover)	
	90 - 4000K	L0 - 33° (42° with deep cover)	

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)



WGCC10A2F

Square Bezel

For flush installation

Cut Out Dimensions 3.07" x 3.07"



WGCC10A2T

Square Bezel

For regressed installation

Cut Out Dimensions 2.36" x 2.36"

Enter code here:

SQUARE COVERS - For Installation (REQUIRED)



WZCC1020_

Square Flat



WZCC1040_

Square Shallow



WZCC1060_

Square Deep

Include one of the below finishes as last digit:

8 - Primer

E - White

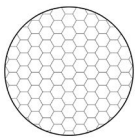
N - Black

Z - Antique Bronze

C - Custom RAL

Enter code here:

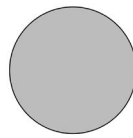
ACCESSORIES - Installation



WHCC10A1

Honeycomb Louver

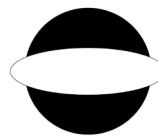
Square Cover: Deep



WRCC10R1D

Diffuser Filter

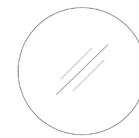
Square Cover: Deep



WRCC10R1W

Elliptical Filter

Square Cover: Deep



WRCC10R1T

Transparent IP44 screen

Square Cover: Deep

WHCC10A2

Honeycomb Louver

Square Cover: Flat, Shallow

WRCC10S1D

Diffuser Filter

Square Cover: Flat, Shallow

WRCC10S1W

Elliptical Filter

Square Cover: Flat, Shallow

WRCC10S1T

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

500mA - Low Lumen Output (6W, Delivered Lumens 345 at 16°)

Part Number	Description	Input/Output	# of Fixtures
PPLT00469	Phase Dimming (120V Only)	120VAC to 500mA, 14W, Class 2	1-2
PPLT00308-P	0-10V Dimming (to 0.1%)	120-277VAC to 500mA, 30W, Class 2	1-4
PPLT00467-P	0-10V Dimming (to 1.0%)	120-277VAC to 500mA, 50W, Class 2	1-4
PPLT00538-P	0-10V Dimming (to 0.1%)	120-277VAC to 500mA, 100W, Class 2	1-12

Suggested Lutron Compatible - Low Lumen Output (6W, Delivered Lumens 345 at 16°)

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00259	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 500mA, 10W, Class 2	1-1
PPLT00195	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 500mA, 19W, Class 2	2-2
PPLT00180	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 500mA, 27W, Class 2	3-3

SUGGESTED POWER SUPPLIES

700mA - Low Lumen Output (8.5W, Delivered Lumens)

Part Number	Description	Input/Output	# of Fixtures
PPLT00470	Phase Dim (120V Only)	120VAC to 700mA, 14W, Class 2	1-1
PPLT00308-P	0-10V Dimming (to 0.1%)	120-277VAC to 700mA, 30W, Class 2	1-3
PPLT00467-P	0-10V Dimming (to 1.0%)	120-277VAC to 700mA, 50W, Class 2	1-4
PPLT00538-P	0-10V Dimming (to 0.1%)	120-277VAC to 700mA, 100W, Class 2	1-8

Suggested Lutron Compatible - 700mA Low Lumen Output (8.5W, Delivered Lumens)

Part Number	Option	Lutron SKU	Dim Range	Description	Input/Output	# of Fixtures
PPLT00515	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 700mA, 14W, Class 2	1-1
PPLT00517	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 700mA, 27W, Class 2	2-2
PPLT00181	L3DAE / L3DA3W	L3DA	100%-1%	Hi-Lume™ 1% EcoSystem™ / 1% 3-Wire LED Driver	120-277VAC to 700mA, 38W, Class 2	3-4

For other power supply options consult factory.

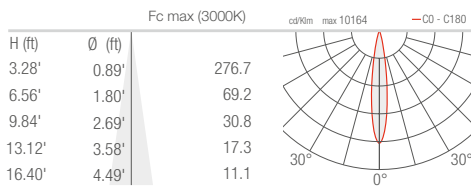
Job Name/Date:

Fixture Type Designation:

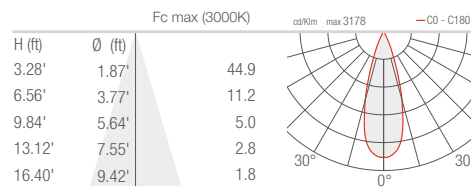
PHOTOMETRIC DATA

Note all Photometry is 3000K

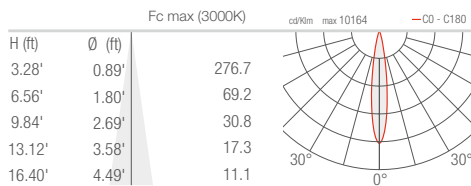
S - 16° CRI 90 - flat, square cover



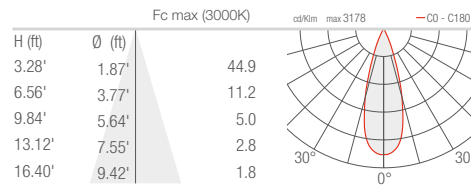
L - 33° CRI 90 - flat, square cover



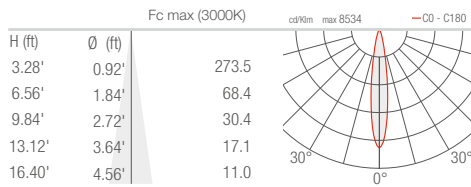
S - 16° CRI 90 - shallow, square cover



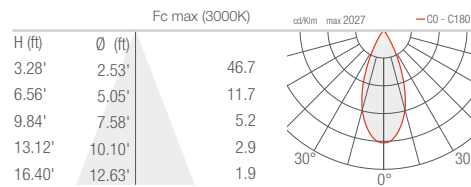
L - 33° CRI 90 - shallow, square cover



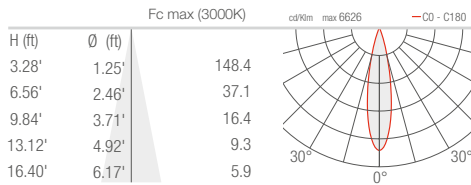
S - 16° CRI 90 - deep, square cover



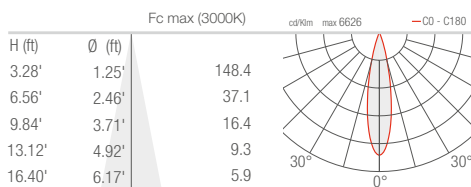
L - 42° CRI 90 - deep, square cover



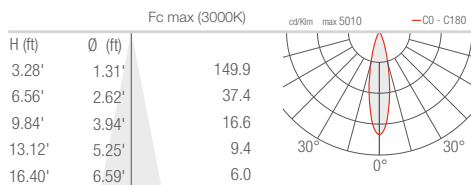
M - 22° CRI 90 - flat, square cover



M - 22° CRI 90 - shallow, square cover



M - 23° CRI 90 - deep, square cover



Job Name/Date:

Fixture Type Designation: