COPPOLA R3

3” Architectural Downlight

Applications: Office buildings, residential and multiuse, convenience stores, education, healthcare, retail, showrooms, car dealerships

PERFORMANCE SUMMARY

The Coppola family of down lights blends beauty and performance with superior light quality. With a wide variety of configurations, Coppola down lights are suited from new to retrofit applications in commercial, educational or healthcare settings

With the 3” Coppola R3 aperture capable of delivering up to 1,520 lumens of exceptional light, it comes in several lumen packages and a variety trims and control options. Coppola’s accessories are designed as easy snap on attachments to enhance its aesthetics without compromising the light output of the fixture

Optics

- 3" architectural LED down light delivering 385–1,520L
- Multiple field interchangeable distributions from narrow to standard and wall wash
- Low glare optical grade silicon lens
- Classic white and dim-to-warm options at up to crisp CRI95+
- Fully adjustable to any beam angle, up to 30 degrees, with a full 360-degree horizontal rotation

Construction

- New construction IC and housing mounted installation
- IC-rated engine design suitable for direct contact with insulation, eliminating the need for housing and recessed cans
- Hexcell louver, wet area and wall wash snap on accessories
- Flush mount flange option with mud-in ring available
- Black or white anodized color finishes
- New construction and remote driver housing options for easy installation in any site condition
- Accommodates ceiling thickness up to 1–3/4”

Electrical

- Universal voltage AC110V–277V driver
- 0-10V dimmable down to 1%
- Flicker free driver compatible with most Lutron and Leviton dimmers
- LED rated life L85 @ 55,000 hours (TM-21)
- Tight chromacity and color binning at 3 SDCM CCT consistency for static white and dynamic color options
- cULus listed. Conforms with UL1598 standards.
- Damp rated for ambient operating temperature of -4° to +104°F
- THD < 20%; PF >0.9

Light Source	Classic White	Dim to Warm
Wattage	5 - 19W	14W
CCT and CRI	3000K, 90+	2000K - 3000K, 95+
Lumen Output[1]	385 - 1,520L	840L

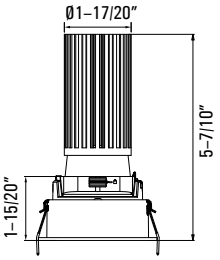
[1]Initial delivered lumens at 77˚F (25˚C). Actual production yield may vary between -10 and +10% of initial delivered

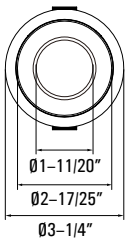
DIMENSIONS

Weight: (May vary with accessories)
1.16lbs (0.53kg)

Flanged (F)

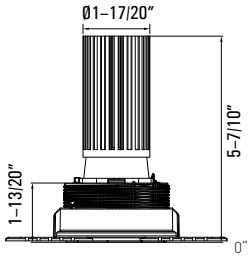
Ceiling Thickness
1/2” min – 1–3/4 max

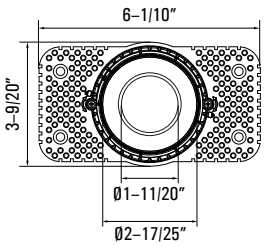




Trimless (T)

Ceiling Thickness
1/2” min – 1–3/4 max





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PRODUCT CODE

Example CPSR3 cat. F.10V.40KC.90.30.WT.HX.MW.MW.R.0.U1.D1E.0

Light Source

Model No	Flange Type	Wattage	LED Color	CRI	Beam	Trim	Optic Media	Baffle Finish	Trim Finish	Trim Shape
CPSR3 3” Aperture Downlight	**F** Flanged **T** Trimless	**05V** 5W LED **08V** 8W LED **10V** 10W LED **13V** 13W LED **16V** 16W LED **19V** 19W LED	**Classic White** **27KC** 2700K **30KC** 3000K **35KC** 3500K **40KC** 4000K **Dim to Warm** **3020KD** 3000K-2000K	**90** CRI90+ **95** CRI95+	**15** 15° Beam **24** 24° Beam **36** 36° Beam **60** 60° Beam	**SL** Slotted **PH** Pin Hole **WT** Wet Area **0** None	**HX** Hexcell Louver **0** None	**MW** White Matte **MB** Black Matte **GS** Gloss Silver **GB** Gloss Bronze	**MW** White Matte **MB** Black Matte	**R** Round **S** Square

Installation **Control**

Mounting	Voltage	Dimming	Emergency
NCF New Construction framing with Hangar Bars **NCH** New Construction Housing (IC, Airtight) **NCT** New Construction Rough In Accessory **0**[1] Remodel Install From Below (IC)	**U1** AC120-277V **120V**	**D1E** 0-10V Down to 1% **P1E** Phase 2-Wire Down to 1%	**EM** 90min Emergency **924** UL924 Relay **0** None

NOTES

[1]Remodel fixtures cannot be installed in acoustical ceilings. NCH housing tray required.

[2]Requires 2-channel driver. See wiring diagram on page 5

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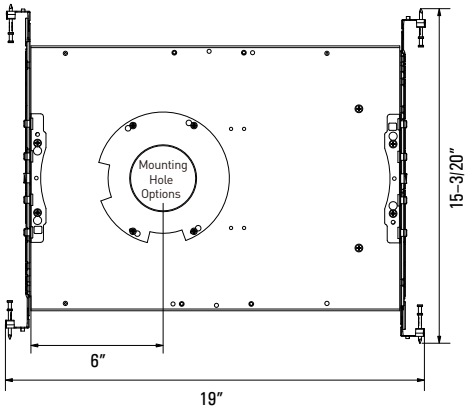
MOUNTING

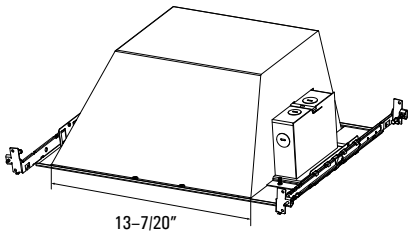
NCH Install from above, service from below new construction housing accessory with insulation contact

Weight: 3.0lbs (1.36kg)

Round Trimmed



Side View



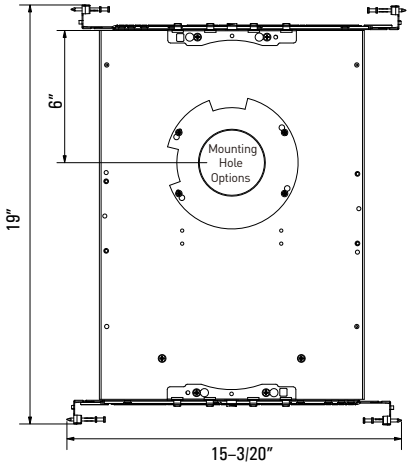
Front View

Shown with optional butterfly brackets

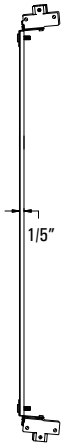
NCF Install from above, service from above with new construction frame in tray accessory

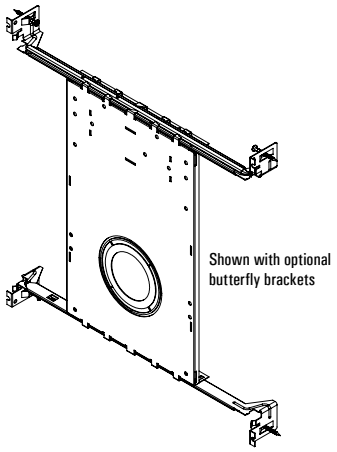
Round Trimmed

Weight: 2.0lbs (0.68kg)



Side View

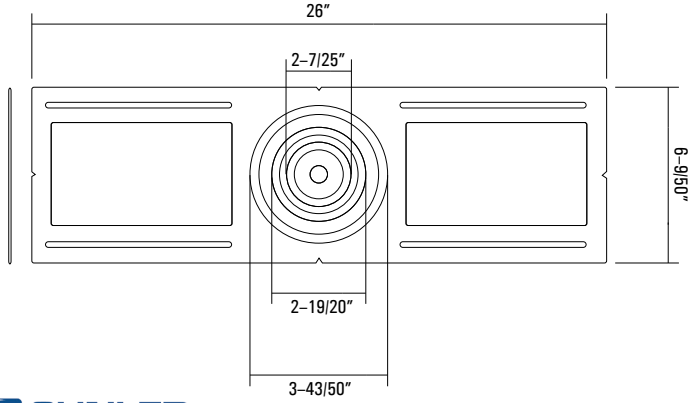




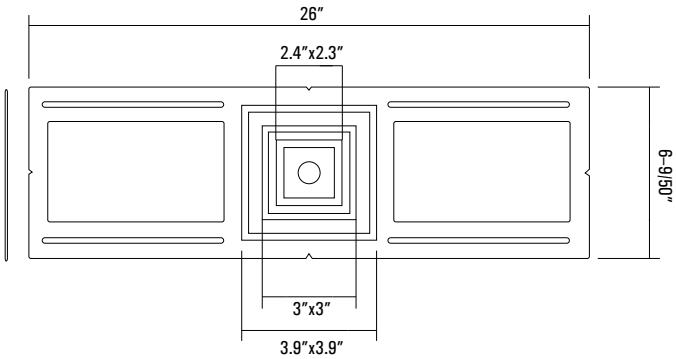
Preinstalled LED Emergency Driver Available

NCT New construction Rough-In accessory

Round



Square



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Classic White High Output LEDs

Wattage	5W		8W		10W		13W		16W		19W	
Engine	05V LED		08V LED		10V LED		13V LED		16V LED		19V LED	
Baffle	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW
White	440	88	704	88	880	88	1,040	80	1,280	80	1,520	80
Black	385	77	616	77	770	77	910	70	1,120	70	1,330	70

Lumen Multiplier

Correlated Color Temperature Multiplier	Classic White High Output LEDs				Dim to Warm			
	2700K	3000K	3500K	4000K	2200K	2500K	2700K	3000K
CRI	90+	90+	90+	90+	95+	95+	95+	95+
Lumen Multiplier	0.859	1.000	1.024	1.032	0.76	0.82	0.93	1.000

Optic Media Multiplier	HX	0
	Hexcell Louver	None
Lumen Multiplier	0.74	1.00

Baffle Finish Multiplier	MW	MB	GS	GZ
	Matte White	Matte Black	Gloss Silver	Gloss Bronze
Lumen Multiplier	1.00	0.87	0.95	0.82

MOUNTING

Insulation Contact new construction housing **(NCH)** Installs from Above, Service from Below

New Construction Framein kit **(NCF)** Installs from Above, Service from Above

New Construction/ Remodel IC rated **(0)** Installs from Below, Service from Below

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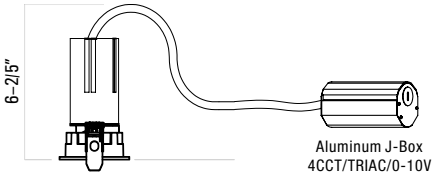
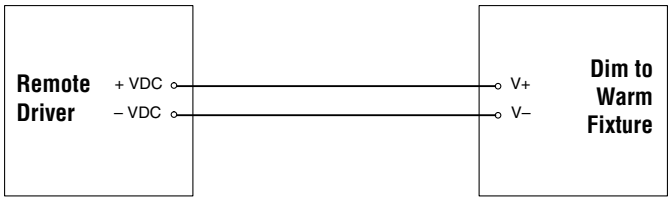
Below Plenum Installation

Sunled’s performance 3” aperture product line can light spaces with ceilings from 10’ to 15’ in height while remaining fully serviceable and installable from below the ceiling plane. Available as a full family of downlights, adjustable, 360° rotatable and wall wash. Suitable for installation below the ceiling with remote driver - 6-2/5” plenum space required



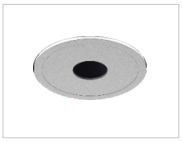
Wiring Diagram

Remote driver color select dim-to-warm



Trim

Slotted Trim



Pinhole Trim

Wash Trim

Wet Area Trim

Aperture

Round Trim

Square Trim

Round Trimless

Square Trimless

Glare Control And Optic System

Optical cartridge allows tool-less field changeable exchange of reflectors and optic media

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General Specifications

Housing

Designed for new construction installations and suitable for contact with thermal insulation in non-IC applications. For new construction insulated ceilings where housing will be in direct contact with insulation. Galvanized sheet metal construction for maximum heat dissipation and corrosion resistance.

Light Engine

The dim-to-warm option gradually shifts from 3000K to a warm 2000K as you dim, similar to an incandescent lamp. Light engine is modular and clips is secured to the aperture without the use of tools. All Sunled classic white light engines feature a color consistency within a 3-Step MacAdam Ellipse

Flanged Trim

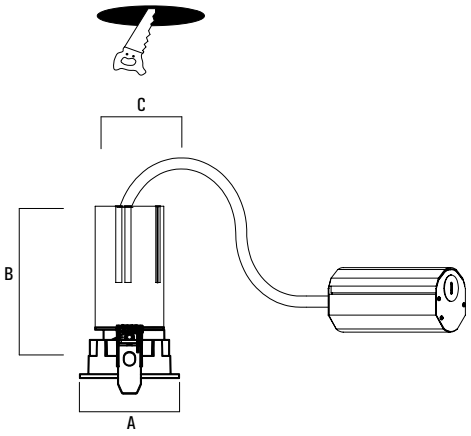
Diecast powder coating trim ring available in white, gray and black as standard finishes (consult factory for custom paint color options) Collar and trim can rotate jointly up to 360°, and a frosted lens is standard on all trims. Aperture attaches to housing with spring clips for a tight fit with zero light leakage. Available in open, lensed, pinhole, slot, wet area or adjustable wall wash.

Trimless Mudin Kit

Perforated mud in cover intended for installation in drywall or plaster ceilings. Trimless aperture is fixed on the housing to maintain integrity of plaster or drywall after installation. Open wet area or wall wash optional.

Dimensional Data

Trim Style	Wattage	Aperture (A)	Ceiling Cutout (B)	Height (C)
Round	19W Max	3 - 1/4”	2 - 17/25”	5 - 7/10”
Round Trimless	19W Max	2 - 17/25”	2 - 17/25”	5 - 7/10”



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