

Field-Adjustable CD34 Cylinders with Swappable Optics



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Modern 3", 4" and 6" Wall mount (*outdoor*) and surface, cord or pendant mount (*indoor*)
- Aluminum extrusion housing and die-cast covers available in black, bronze, or white.
- 3 field-adjustable wattages
- Field-swappable optics (25°/40°/60°) and lens (*clear/frosted*) sold separately.
- Field-adjustable color temperature 3000/4000/5000K (*outdoor*); 2700/3000/3500/4000/5000K (*indoor*).
- Dimmable on 0-10V systems; integrated photocell wall mount.
- Available with Lightcloud Blue for wireless control of your lights, choose between 16+million colors

3", 4", 6", Wall Mount & Surface Mount
Now with RGBW Color Tuning with
Lightcloud Blue



PERFORMANCE									
Catalog Number	Mounting	Size	Finish	Input Wattage	Light Direction Control	Lumens	Efficacy	Beam Angle	Color Temperature
CD34-3WK	Wall Mount	3"	Black	10/8/6W	Selectable up, down, or both	1000/800/600	100 lm/W	25° (installed) Field-swappable optics sold separately for 25°/40°/60° beam angle	3000/4000/5000K
CD34-3WK/RGB				10W		600	60 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-3WW			White	10/8/6W		1000/800/600	100 lm/W		3000/4000/5000K
CD34-3WW/RGB				10W		600	60 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-3WZ			Bronze	10/8/6W		1000/800/600	100 lm/W		3000/4000/5000K
CD34-3WZ/RGB				10W		600	60 lm/W		2200 - 6500K or 16+ million RGB colors

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PERFORMANCE

Catalog Number	Mounting	Size	Finish	Input Wattage	Light Direction Control	Lumens	Efficacy	Beam Angle	Color Temperature
CD34-4WK	Wall Mount	4"	Black	20/16/12W	Selectable up, down, or both	2000/1600/1200	100 lm/W	40° (installed) Field-swappable optics sold separately for 25°/40°/60° beam angle	3000/4000/5000K
CD34-4WK/RGB				20W		1,000	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-4WW			White	20/16/12W		2000/1600/1200	100 lm/W		3000/4000/5000K
CD34-4WW/RGB				20W		1,000	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-4WZ			Bronze	20/16/12W		2000/1600/1200	100 lm/W		3000/4000/5000K
CD34-4WZ/RGB				20W		1,000	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-6WK		6"	Black	36/28/22W		3300/2750/2100	95 lm/W	60° (installed) Field-swappable optics sold separately for 25°/40°/60° beam angle	3000/4000/5000K
CD34-6WK/RGB				36W		1,800	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-6WW			White	36/28/22W		3300/2750/2100	95 lm/W		3000/4000/5000K
CD34-6WW/RGB				36W		1,800	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-6WZ			Bronze	36/28/22W		3300/2750/2100	95 lm/W		3000/4000/5000K
CD34-6WZ/RGB				36W		1,800	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-3SPK	Surface, and Pendant	3"	Black	10/8/6W	Down only	950/760/570	95 lm/W	25° (installed) Field-swappable optics sold separately for 25°/40°/60° beam angle	3000/4000/5000K
CD34-3SPW			White						
CD34-3SPZ			Bronze						
CD34-4SPK		4"	Black	20/16/12W		1900/1520/1140	95 lm/W	40° (installed) Field-swappable optics sold separately for 25°/40°/60° beam angle	2700/3000/3500/4000/5000K
CD34-4SPK/RGB				20W		1,000	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-4SPW			White	20/16/12W		1900/1520/1140	95 lm/W		2700/3000/3500/4000/5000K
CD34-4SPW/RGB				20W		1,000	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-4SPZ			Bronze	20/16/12W		1900/1520/1140	95 lm/W		2700/3000/3500/4000/5000K
CD34-4SPZ/RGB				20W		1,000	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-6SPK		6"	Black	30/24/18W		2700/2160/1620	90 lm/W	60° (installed) Field-swappable optics sold separately for 25°/40°/60° beam angle	2700/3000/3500/4000/5000K
CD34-6SPK/RGB				30W		1,800	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-6SPW			White	30/24/18W		2700/2160/1620	90 lm/W		2700/3000/3500/4000/5000K
CD34-6SPW/RGB				30W		1,800	50 lm/W		2200 - 6500K or 16+ million RGB colors
CD34-6SPZ			Bronze	30/24/18W		2700/2160/1620	90 lm/W		2700/3000/3500/4000/5000K
CD34-6SPZ/RGB				30W		1,800	50 lm/W		2200 - 6500K or 16+ million RGB colors

Field-Adjustable CD34 Cylinders with Swappable Optics



TECHNICAL SPECIFICATIONS

CONSTRUCTION

Product Type

Cylinder with interchangeable optics and lenses

Size

3", 4", 6"

Shape

Cylinder

Housing

Die-cast aluminum housing

Finish

White, Black, Bronze with anti-UV protection

Lens Finish

Clear lens factory installed. Frosted lens accessory sold separately

Photocell

The integrated photocell can be manually switched on or off on fixture housing

ELECTRICAL

Dimmable

Yes, dimmable on compatible 0-10V dimming systems. See Dimmer Compatibility List. Requires separate 0-10V DC dimming circuit. Note: Lightcloud Blue models do not require a 0-10V dimming circuit.

Driver

Constant Current, 50-60 Hz, 120V-277V

Input Voltage

120-277V

Operating Frequency

50/60Hz

Operating Temperature

-40°F to 120°F (-40°C to 45°C)

THD

<20%

Power Factor

>0.9

Flicker

<1%

INSTALLATION

Mounting

Wall, Surface, Pendant (*accessory sold separately*)

COMPLIANCE

Listings

UL Listed

Environment

Suitable for use in dry, damp, and wet environments.

COMPLIANCE (CONT.)

IP Rating

IP65

Energy Star Approved

Surface Mount only

California Energy Commission (CEC) Status

Lawful for Sales in California

IESNA LM-79 & LM80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

FCC

Complies with Part 15 of the FCC Rules.

RoHS

Mercury and UV free. RoHS-compliant components.

LED CHARACTERISTICS

Beam Angle

3" - Factory installed 25D optic
4" - Factory installed 40D optic
6" - Factory installed 60D optic
Other beam angle optics sold separately

Color Temperature

3000/4000/5000K (wall), 2700/3000/3500/4000/5000K (surface/pendant)
Lightcloud Blue models: Default: 4000K
Adjustable using the Lightcloud Blue; Tunable White 2200 - 6500K
or 16+ million RGB colors

Light Direction Control

Wall mount models have Direct, Indirect, or Full light modes.
Indoor models are downlight only.

Color Accuracy

90

R9 Value

High color performance with R9 greater than 0

Color Consistency

<6-step MacAdam Ellipse binning to achieve consistent
fixture-to-fixture color

OTHER

Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty

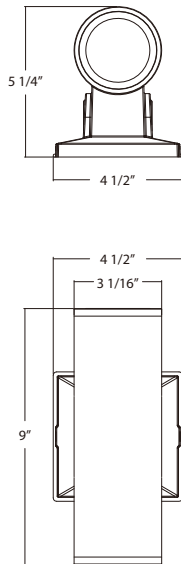
Field-Adjustable CD34 Cylinders with Swappable Optics



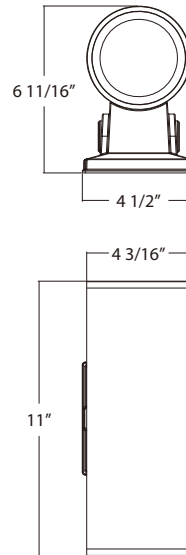
DIMENSIONS

Wall Mount Cylinders

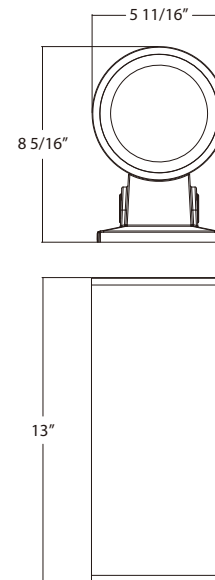
3" Cylinder - Standard & RGB
Weight: 2.67lbs



4" Cylinder - Standard & RGB
Weight: 4.10lbs



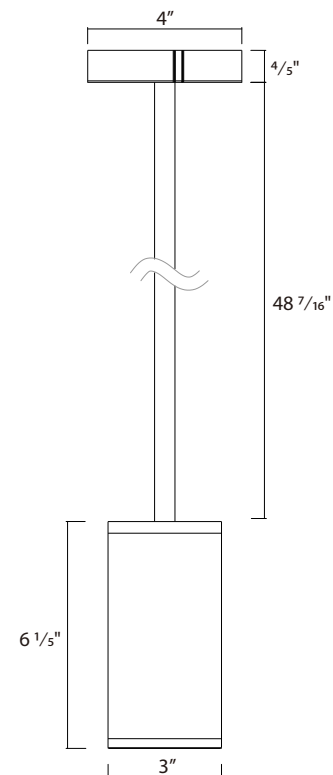
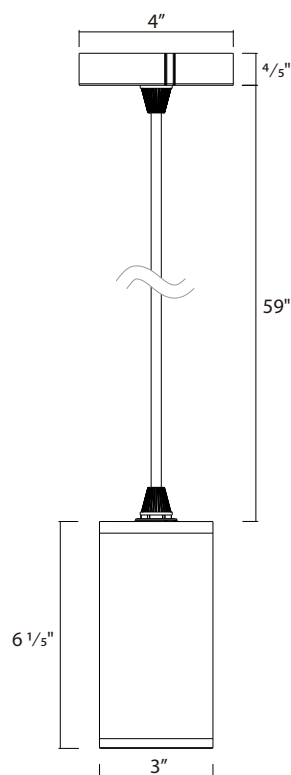
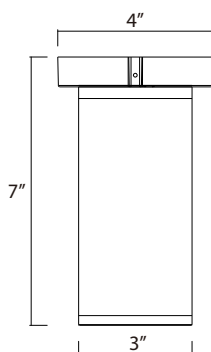
6" Cylinder - Standard & RGB
Weight: 6.35lbs



Surface, Cord Pendant Cylinders

3" Surface, Cord, Pendant
Weight: 2.68 lbs

STANDARD



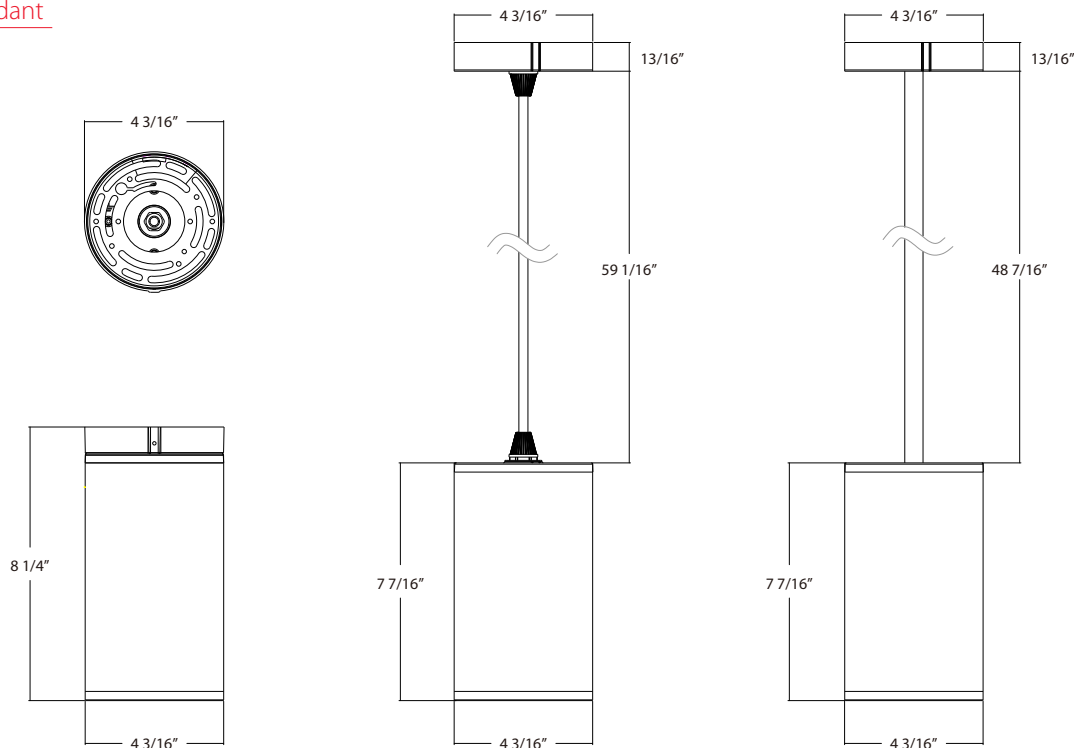
Field-Adjustable CD34 Cylinders with Swappable Optics



DIMENSIONS

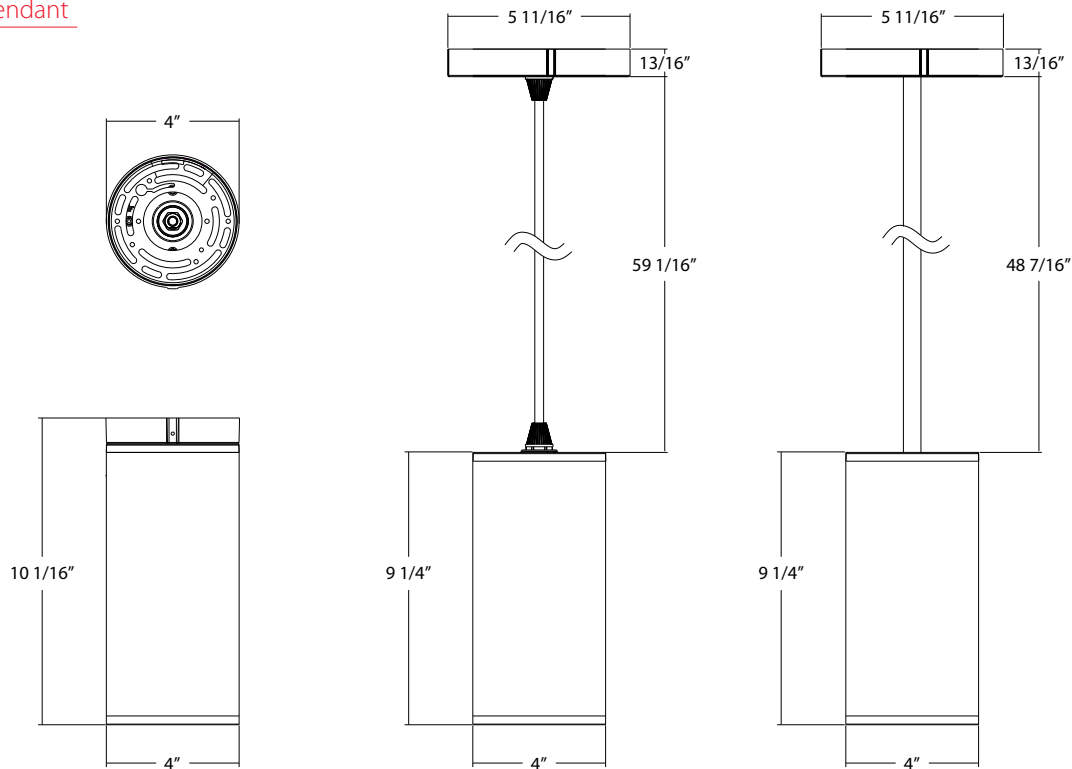
4" Surface, Cord, Pendant
Weight: 2.68 lbs

STANDARD



4" Surface, Cord, Pendant
Weight: 2.68 lbs

RGB



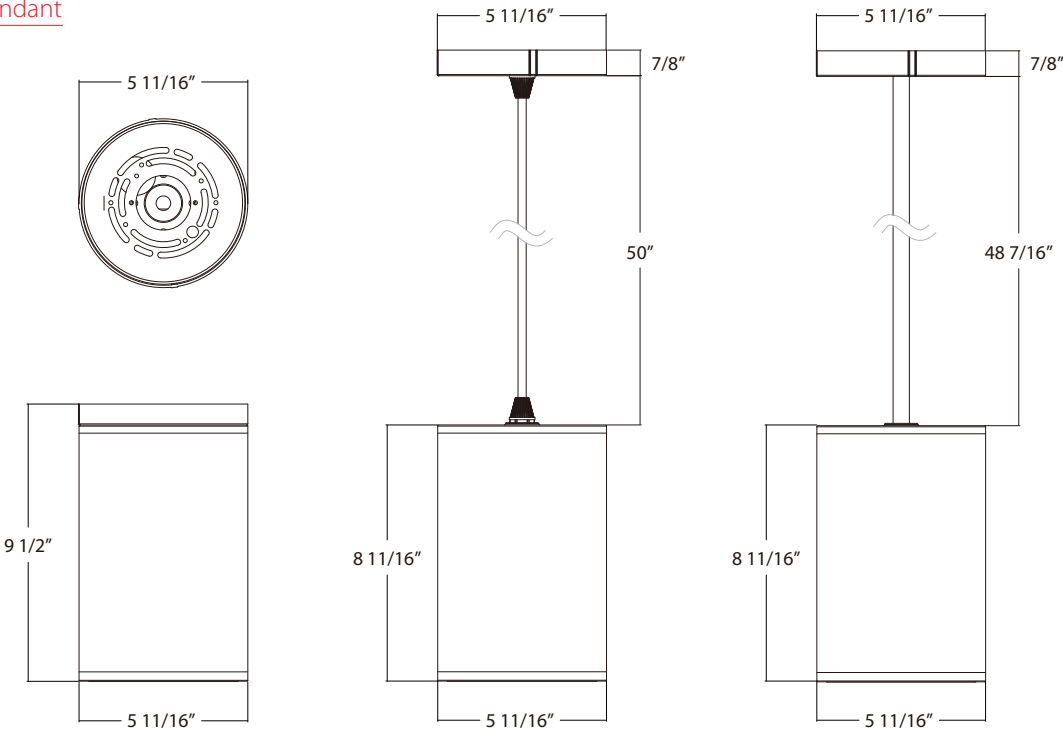
Field-Adjustable CD34 Cylinders with Swappable Optics



DIMENSIONS

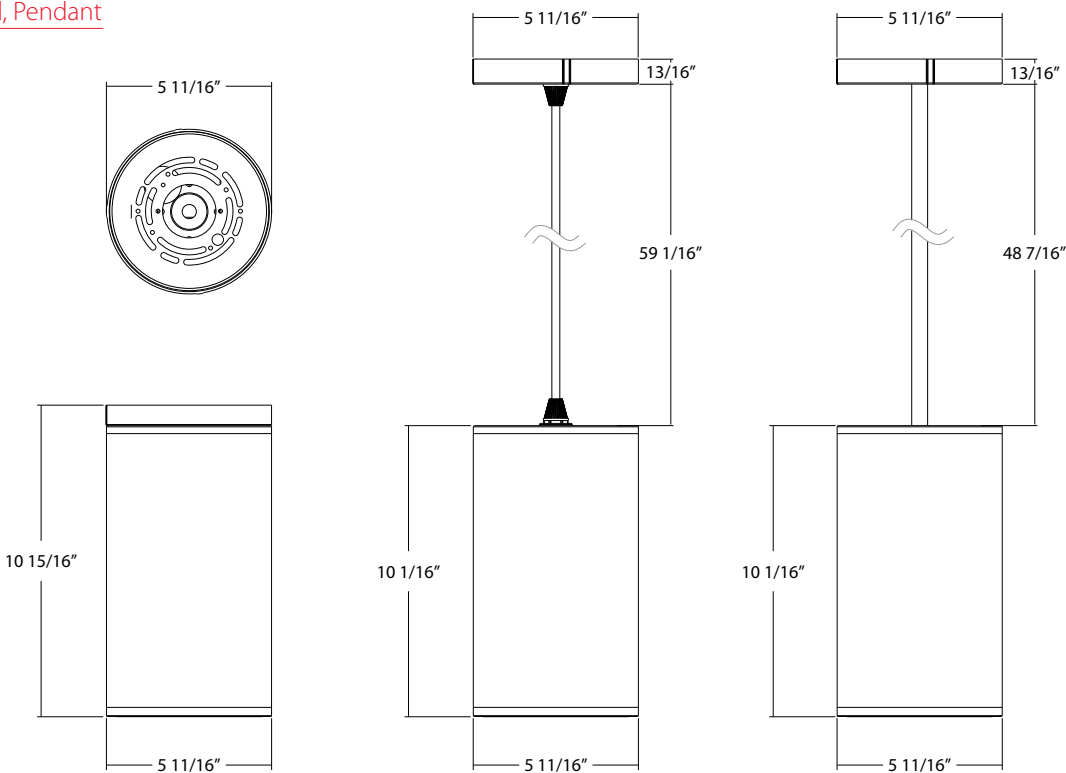
6" Surface, Cord, Pendant
Weight: 4.34 lbs

STANDARD



6" Surface, Cord, Pendant
Weight: 4.34 lbs

RGB



Field-Adjustable CD34 Cylinders with Swappable Optics



ACCESSORIES	Catalog Number	UPC	Description
Reflectors   	CD34REF-325D	192552042475	CD34 CYLINDER ACCESSORY 3" 25D REFLECTOR
	CD34REF-340D	192552042482	CD34 CYLINDER ACCESSORY 3" 40D REFLECTOR
	CD34REF-360D	192552042499	CD34 CYLINDER ACCESSORY 3" 60D REFLECTOR
	CD34REF-425D	192552042505	CD34 CYLINDER ACCESSORY 4" 25D REFLECTOR
	CD34REF-440D	192552042512	CD34 CYLINDER ACCESSORY 4" 40D REFLECTOR
	CD34REF-460D	192552042529	CD34 CYLINDER ACCESSORY 4" 60D REFLECTOR
	CD34REF-625D	192552042536	CD34 CYLINDER ACCESSORY 6" 25D REFLECTOR
	CD34REF-640D	192552042543	CD34 CYLINDER ACCESSORY 6" 40D REFLECTOR
	CD34REF-660D	192552042550	CD34 CYLINDER ACCESSORY 6" 60D REFLECTOR
Frosted Lens   	CD34LENS-3FRW	192552042567	CD34 CYLINDER ACCESSORY 3" FROSTED LENS WHITE
	CD34LENS-3FRK	192552042574	CD34 CYLINDER ACCESSORY 3" FROSTED LENS BLACK
	CD34LENS-3FRZ	192552042598	CD34 CYLINDER ACCESSORY 3" FROSTED LENS BRONZE
	CD34LENS-4FRW	192552042681	CD34 CYLINDER ACCESSORY 4" FROSTED LENS WHITE
	CD34LENS-4FRK	192552042698	CD34 CYLINDER ACCESSORY 4" FROSTED LENS BLACK
	CD34LENS-4FRZ	192552042604	CD34 CYLINDER ACCESSORY 4" FROSTED LENS BRONZE
	CD34LENS-6FRW	19255204628	CD34 CYLINDER ACCESSORY 6" FROSTED LENS WHITE
	CD34LENS-6FRK	192552042635	CD34 CYLINDER ACCESSORY 6" FROSTED LENS BLACK
	CD34LENS-6FRz	19255204642	CD34 CYLINDER ACCESSORY 6" FROSTED LENS BRONZE
Pendant Mounts (w/adjustable hang-straight) 	CD34STEM-K	192552025263	CD34 ACCESSORY 48" PENDANT STEM (4)-12" STEMS BLACK
	CD34STEM-Z	192552025287	CD34 ACCESSORY 48" PENDANT STEM (4)-12" STEMS BRONZE
	CD34STEM-W	192552025270	CD34 ACCESSORY 48" PENDANT STEM (4)-12" STEMS WHITE

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ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
CD34-6WW	CD2001(CD34-6WW)	192552042321	4
CD34-6WK	CD2002(CD34-6WK)	192552042338	4
CD34-6WZ	CD2003(CD34-6WZ)	192552042345	4
CD34-4WW	CD2004(CD34-4WW)	192552042352	6
CD34-4WK	CD2005(CD34-4WK)	192552042369	6
CD34-4WZ	CD2006(CD34-4WZ)	192552042376	6
CD34-3WW	CD2007(CD34-3WW)	192552042383	6
CD34-3WK	CD2008(CD34-3WK)	192552042390	6
CD34-3WZ	CD2009(CD34-3WZ)	192552042406	6
CD34-6SPW	CD2010(CD34-6SPW)	192552042413	4
CD34-6SPK	CD2011(CD34-6SPK)	192552042420	4
CD34-6SPZ	CD2012(CD34-6SPZ)	192552042437	4
CD34-4SPW	CD2013(CD34-4SPW)	192552042444	9
CD34-4SPK	CD2014(CD34-4SPK)	192552042451	9
CD34-4SPZ	CD2015(CD34-4SPZ)	192552042468	9
CD34-3SPK	CD2017(CD34-3SPK)	192552048903	9
CD34-3SPW	CD2016(CD34-3SPW)	192552048897	9
CD34-3SPZ	CD2018(CD34-3SPZ)	192552048910	9
CD34-6WW/RGB	BWCWS-36W-RGBCW60WH	192552047012	4
CD34-6WK/RGB	BWCWS-36W-RGBCW60BK	192552047029	4
CD34-6WZ/RGB	BWCWS-36W-RGBCW60BZ	192552047036	4
CD34-4WW/RGB	BWCWS-20W-RGBCW40WH	192552047043	6
CD34-4WK/RGB	BWCWS-20W-RGBCW40BK	192552047050	6
CD34-4WZ/RGB	BWCWS-20W-RGBCW40BZ	192552047067	6
CD34-3WW/RGB	BWCWS-10W-RGBCW25WH	192552047074	6
CD34-3WK/RGB	BWCWS-10W-RGBCW25BK	192552047081	6
CD34-3WZ/RGB	BWCWS-10W-RGBCW25BZ	192552047098	6
CD34-6SPW/RGB	BWICWS-30W-RGBCW60WH	192552047104	4
CD34-6SPK/RGB	BWICWS-30W-RGBCW60BK	192552047111	4
CD34-6SPZ/RGB	BWICWS-30W-RGBCW60BZ	192552047128	4
CD34-4SPW/RGB	BWICWS-20W-RGBCW40WH	192552047135	9
CD34-4SPK/RGB	BWICWS-20W-RGBCW40BK	192552047142	9
CD34-4SPZ/RGB	BWICWS-20W-RGBCW40BZ	192552047159	9

Field-Adjustable CD34 Cylinders with Swappable Optics



ORDERING MATRIX

OUTDOOR - WALL MOUNT

Family	Size/Wattage*	Mounting	Light Direction	CRI/Color Temp	Driver	Finish	RGB Color Tuning						
CD34		W											
3	3", 10/8/6W	W	Wall	Blank	Selectable (Down/Up/Both)	Blank	90CRI, 3000/4000/5000K	Blank	120-277V, 0-10V Dimming	W K Z	White Black Bronze	Blank /RGB	None Color Tuning 16+ million colors; Tunable White 2200-6500K
4	4", 20/16/12W												
6	6", 36/28/22W												

INDOOR - SURFACE / CORD / PENDANT MOUNT

Family	Size/Wattage*	Mounting	Light Direction	CRI/Color Temp	Driver	Finish	RGB Color Tuning						
CD34		SP											
3	3", 10/8/6W	SP	Surface/ Pendant	Blank	Down Only	Blank	90CRI, 2700/3000/3500 /4000/5000K	Blank	120-277V, 0-10V Dimming	W K Z	White Black Bronze	Blank /RGB	None Color Tuning 16+ million colors; Tunable White 2200-6500K
4	4", 20/16/12W												
6	6", 30/24/18W												

**When /RGB models are ordered, highest wattage will be the static wattage (no field-adjustable wattage).*

*When /RGB models are ordered, highest wattage will be the static wattage (no field-adjustable wattage).

†Only available for 4" and 6" models.

/RGB options require the Lightcloud Blue mobile app to adjust colors.