



LED COMMERCIAL DOWNLIGHT

► **DESIGN** - LED COMMERCIAL DOWNLIGHT features a durable aluminum housing that is resistant to rust and impacts, as well as an anti-glare polycarbonate (PC) lens. The spring-loaded clips ensure a secure fit, and the 1.6-foot metal hose provides flexibility. The downlight is designed to operate on 120-277-volt circuits and can be dimmed using a 0-10-volt driver.

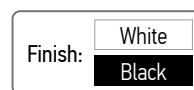
► **COLOR AND POWER SELECTABLE** - You can choose between 2,700K soft white, 3,000K warm white, 3,500K neutral white, and 4,000K cool white color temperatures, as well as 5,000K daylight color temperature, and adjust the power output from 7 watts to 40 watts (depending on the model) with a simple control switch.

► **CR190+** - Rated lighting provides rich and natural color rendition, maintaining a vibrant look and feel in your space. True to life colors also contribute to improved mood and overall well-being.

► **INSTALLATION** - This fixture is suitable for use in Wet Locations, making it ideal for any space that requires humidity control. It is perfect for use in retail, hospitality, and other commercial spaces with high ceilings.

► **ADVANTAGES** - These fixtures have a long lifespan of 50,000 hours and are designed to last for decades under normal use. ASD provides a 5-year limited warranty, along with UL and Energy Star certifications, to ensure the highest quality products and safety.

Catalog number	
Notes	
Type	



Model	Size	Watts	Voltage	Dimmable	Lumens	CCT	IC rated	Finish	Dimensions (DxH)	Cord
ASD-CDL7-4DA13AC	4 inch	7/10/13W	120-277 V	0-10 V	up to 1,050 lm	5CCT (2,700/3,000/3,500/4,000/5,000 K)	Yes	White	5-3/8" x 3-1/16"	1.6 ft
ASD-CDL7-6DA22AC	6 inch	10/15/22W	120-277 V	0-10 V	up to 1,850 lm	5CCT (2,700/3,000/3,500/4,000/5,000 K)	Yes	White	8-1/4" x 4"	1.6 ft
ASD-CDL7-6DA22AC-BK	6 inch	10/15/22W	120-277 V	0-10 V	up to 1,850 lm	5CCT (2,700/3,000/3,500/4,000/5,000 K)	Yes	Black	8-1/4" x 4"	1.6 ft
ASD-CDL7-8DA30AC	8 inch	12/20/30W	120-277 V	0-10 V	up to 2,400 lm	5CCT (2,700/3,000/3,500/4,000/5,000 K)	Yes	White	10-1/4" x 4-7/16"	1.6 ft
ASD-CDL7-8DA30AC-BK	8 inch	12/20/30W	120-277 V	0-10 V	up to 2,400 lm	5CCT (2,700/3,000/3,500/4,000/5,000 K)	Yes	Black	10-1/4" x 4-7/16"	1.6 ft
ASD-CDL7-8DA40AC	8 inch	30/35/40W	120-277 V	0-10 V	up to 3,250 lm	5CCT (2,700/3,000/3,500/4,000/5,000 K)	-	White	10-1/4" x 4-7/16"	1.6 ft
ASD-CDL7-10DA40AC	10 inch	20/30/40W	120-277 V	0-10 V	up to 3,000 lm	5CCT (2,700/3,000/3,500/4,000/5,000 K)	Yes	White	11-5/16" x 4-15/16"	1.6 ft
ASD-CDL7-10DA40AC-BK	10 inch	20/30/40W	120-277 V	0-10 V	up to 3,000 lm	5CCT (2,700/3,000/3,500/4,000/5,000 K)	Yes	Black	11-5/16" x 4-15/16"	1.6 ft

For detailed luminous flux information please refer to Annex 1.

ANNEX 1

Model	Watts	2,700 K	3,000 K	3,500 K	4,000 K	5,000 K
ASD-CDL7-4DA13AC	7W	591 lm	621 lm	640 lm	645 lm	655 lm
	10W	847 lm	882 lm	910 lm	923 lm	917 lm
	13W	1,063 lm	1,118 lm	1,161 lm	1,170 lm	1,050 lm
ASD-CDL7-6DA22AC ASD-CDL7-6DA22AC-BK	10W	822 lm	830 lm	842 lm	833 lm	924 lm
	15W	1,219 lm	1,227 lm	1,242 lm	1,243 lm	1,384 lm
	22W	1,769 lm	1,811 lm	1,853 lm	1,812 lm	1,850 lm
ASD-CDL7-8DA30AC ASD-CDL7-8DA30AC-BK	12W	1,084 lm	1,119 lm	1,160 lm	1,177 lm	1,189 lm
	20W	1,707 lm	1,765 lm	1,836 lm	1,851 lm	1,818 lm
	30W	2,440 lm	2,514 lm	2,630 lm	2,640 lm	2,400 lm
ASD-CDL7-8DA40AC	30W	2,589 lm	2,615 lm	2,714 lm	2,614 lm	2,603 lm
	35W	2,949 lm	3,012 lm	3,152 lm	3,128 lm	2,981 lm
	40W	3,224 lm	3,292 lm	3,439 lm	3,312 lm	3,250 lm
ASD-CDL7-10DA40AC ASD-CDL7-10DA40AC-BK	20W	1,743 lm	1,771 lm	1,832 lm	1,851 lm	1,837 lm
	30W	2,315 lm	2,371 lm	2,469 lm	2,483 lm	2,427 lm
	40W	3,068 lm	3,157 lm	3,146 lm	3,143 lm	3,000 lm

For most up-to-date spec sheets please refer to asd-lighting.com



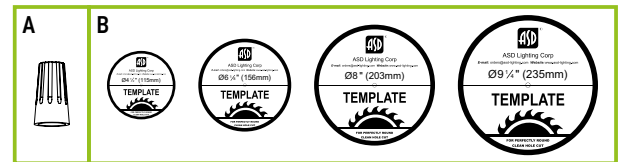
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PRODUCT SPECIFICATIONS:

Construction & Materials						
Housing	Aluminum					
Lens	PC					
Finish	White, Black					
Weight	ASD-CDL7-4DA13AC	0.7 lbs (0.3 kg)	ASD-CDL7-8DA30AC	1.8 lbs (0.8 kg)	ASD-CDL7-10DA40AC	2.4 lbs (1.1 kg)
	ASD-CDL7-6DA22AC	1.5 lbs (0.7 kg)	ASD-CDL7-8DA30AC-BK		ASD-CDL7-10DA40AC-BK	
	ASD-CDL7-6DA22AC-BK		ASD-CDL7-8DA40AC			
Environmental system						
Work environment	Suitable for Wet Locations					
Operating temperature	-13°F to 113°F (-25°C to 45°C)					
L-70 Life	> 50,000 hrs					
Optical system						
Color temperature	5CCT switch (2,700/3,000/3,500/4,000/5,000 K), 5,000 K by default					
CRI	> 90					
Electrical system						
Input voltage	120-277 V					
Max input current	ASD-CDL7-4DA13AC	0.15 A	ASD-CDL7-8DA30AC	0.3 A	ASD-CDL7-10DA40AC	0.5 A
	ASD-CDL7-6DA22AC	0.23 A	ASD-CDL7-8DA30AC-BK		ASD-CDL7-10DA40AC-BK	
	ASD-CDL7-6DA22AC-BK		ASD-CDL7-8DA40AC			
Inrush current (Action time)	ASD-CDL7-4DA13AC	30 A (0.3 S)	ASD-CDL7-8DA30AC	37 A (0.3 S)	ASD-CDL7-10DA40AC	50 A (0.3 S)
	ASD-CDL7-6DA22AC	43 A (0.3 S)	ASD-CDL7-8DA30AC-BK		ASD-CDL7-10DA40AC-BK	
	ASD-CDL7-6DA22AC-BK		ASD-CDL7-8DA40AC			
Off state power	0W					
Power consumption	ASD-CDL7-4DA13AC	7/10/13W	ASD-CDL7-8DA30AC	12/20/30W	ASD-CDL7-10DA40AC	20/30/40W
	ASD-CDL7-6DA22AC	10/15/22W	ASD-CDL7-8DA30AC-BK		ASD-CDL7-10DA40AC-BK	
	ASD-CDL7-6DA22AC-BK		ASD-CDL7-8DA40AC			
Power factor	> 0.9					
Output voltage	ASD-CDL7-4DA13AC	36 V	ASD-CDL7-8DA30AC	30-42 V	ASD-CDL7-10DA40AC-BK	36 V
	ASD-CDL7-6DA22AC	30-42 V	ASD-CDL7-8DA30AC-BK		ASD-CDL7-10DA60AC	30-42 V
	ASD-CDL7-6DA22AC-BK		ASD-CDL7-8DA40AC			
Max output current	ASD-CDL7-4DA13AC	0.33 A	ASD-CDL7-8DA30AC	0.75 A	ASD-CDL7-10DA40AC	1 A
	ASD-CDL7-6DA22AC	0.55 A	ASD-CDL7-8DA30AC-BK		ASD-CDL7-10DA40AC-BK	
	ASD-CDL7-6DA22AC-BK		ASD-CDL7-8DA40AC			
Surge protection DM/CM	2.5 kV / 2.5 kV					
Dimming compatible controls				Regular and voluntary certifications		
Brand	Lutron		Leviton	5-year limited warranty		
Models	DVSTV-WH	DVSTV-LA	DVTV-WH	DS 710-10Z	UL certified E473854	
	DVSTV-BR	DVSTV-BL	DVSTV-IV	AWSMT-7DW		
	DVSTV-GR	DVSTV-AL				

PACKAGE CONTENTS:

Description	Quantity
LED Commercial Downlight	1
Wire nut (A)	3
Template for 4, 6, 8 or 10 inch (B)	1
Box	1



For most up-to-date spec sheets please refer to asd-lighting.com

ASD LIGHTING CORP

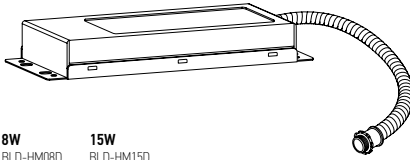
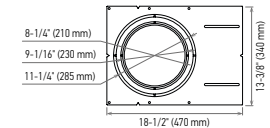
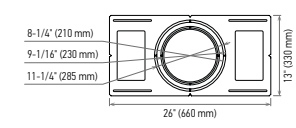
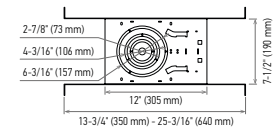
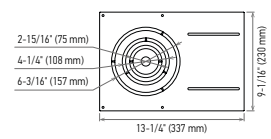
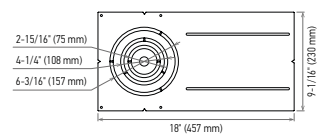
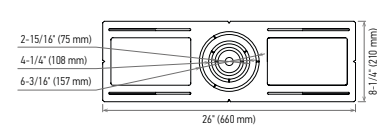
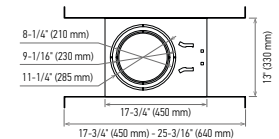
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ACCESSORIES (sold separately):

Battery back-up kit  8W BLD-HM08D 15W BLD-HM15D	New construction flat mounting plate with asymmetric round holes 8-10-12" ASD-MPLR-81012-FA-6PACK 	New construction flat mounting plate with symmetric round holes 8-10-12" ASD-MPLR-81012-FS-6PACK 	New construction mounting plate with round holes and sliding clips 3-4-6" ASD-MPLR-346-SC-6PACK 
New construction flat mounting plate with asymmetric round holes 3-4-6" ASD-MPLR-346-FA-6PACK 	New construction flat mounting plate 18" with asymmetric round holes 3-4-6" ASD-MPLR18-346-FA-6PACK 	New construction flat mounting plate with symmetric round holes 3-4-6" ASD-MPLR-346-FS-6PACK 	New construction mounting plate with square holes and sliding clips 8-10-12" ASD-MPLS-81012-SC-6PACK 

ACCESSORY COMPATIBILITY LIST:

Accessories		Models								
		Battery back-up kit 8W BLD-HM08D	Battery back-up kit 15W BLD-HM15D	New construction flat mounting plate with asymmetric round holes 3-4-6" ASD-MPLR-346-FA-6PACK	New construction flat mounting plate 18" with asymmetric round holes 3-4-6" ASD-MPLR18-346-FA-6PACK	New construction flat mounting plate with asymmetric round holes 8-10-12" ASD-MPLR-81012-FA-6PACK	New construction flat mounting plate with symmetric round holes 3-4-6" ASD-MPLR-346-FS-6PACK	New construction flat mounting plate with symmetric round holes 8-10-12" ASD-MPLR-81012-FS-6PACK	New construction flat mounting plate with round holes and sliding clips 3-4-6" ASD-MPLR-346-SC-6PACK	New construction mounting plate with round holes and sliding clips 8-10-12" ASD-MPLS-81012-SC-6PACK
ASD-CDL7	4"	•	•	•	•		•		•	
	6"	•	•	•	•		•		•	
	8"	•	•			•		•		•
	10"	•	•			•		•		•

BATTERY BACK-UP KIT INFORMATION

BLD-HM08D **BLD-HM15D** sold separately:

Specifications	model: BLD-HM08D	model: BLD-HM15D
Input voltage	120-347 Vac, 50/60 Hz	
Input current	≤ 100 mA	
Output voltage	≤ 170 Vdc	≤ 175 Vdc
Output power	8W	15W
Lumen	800 lm	1,000 lm
Application	< 60W (0-10 V dimmable fixture)	< 100W (0/1-10 V dimmable fixture)
Ambient temperature	32°F to 122°F (0°C to 50°C)	

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INSTALLATION GUIDE

IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation.

- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.

⚠ WARNING

Risk of personal injury – read and follow all warnings and installation instructions. Keep or give to the owner for future reference.

Risk of cuts: Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

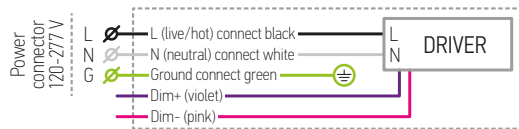
Risk of electric shock: This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

Risk of Fire: Minimum 194°F supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

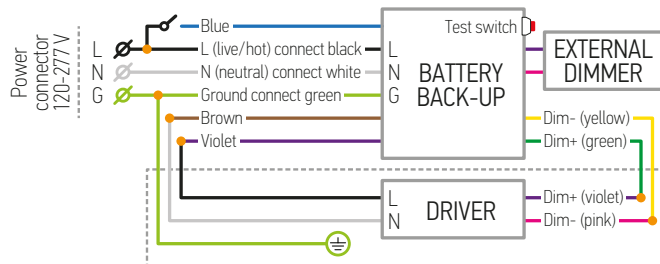
ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

ELECTRICAL SCHEMATIC DIAGRAM:

CDL7

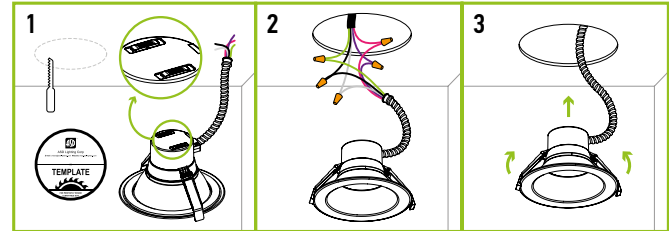


CDL7 with battery back-up kit



INSTALLATION STEPS:

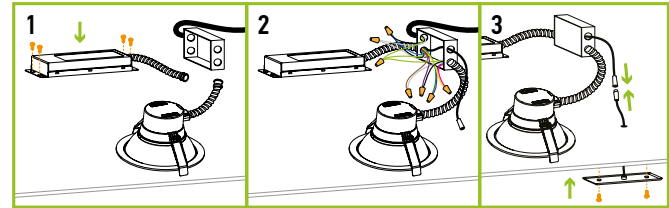
1. Use template to cut an appropriate sized hole. Before inserting the fixture into the mounting surface opening, choose power and color temperature with a simple switch.
2. Connect the wires using wire nuts: Black to Black, White to White, Green to Green.
3. Fold up the two spring mounting tabs and release as the fixture is placed into the mounting surface. Ensure that the spring mounting tabs have securely mounted the fixture so that the front trim is flush against the mounting surface.



BATTERY BACK-UP KIT INSTALLATION

BLD-HM08D BLD-HM15D sold separately:

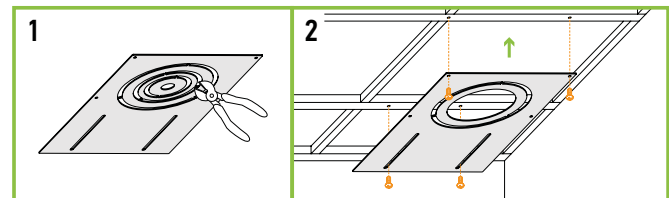
1. Secure the battery back-up to the ceiling.
2. Connect wires as shown on electrical diagram.
3. Connect test switch and affix it in the hole on surface.



MOUNTING PLATE INSTALLATION

ASD-MPLR-346-FA ASD-MPLR18-346-FA ASD-MPLR-81012-FS
ASD-MPLR-346-FS ASD-MPLR-81012-FA ASD-MPLR-81012-SC
ASD-MPLR-346-SC sold separately:

1. Remove the metal ring from the mounting plate according to the size of fixture.
2. Place the mounting plate and secure its position with screws on the beams.



For most up-to-date spec sheets please refer to asd-lighting.com



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ORDERING INFORMATION

Model	UPC	Pcs. per carton	Carton size	Carton weight	GTIN 14
CDL7 ROUND					
ASD-CDL7-4DA13AC	810050736121	8	16.1" x 14.4" x 7.1"	9.3 lbs	30810050736122
ASD-CDL7-6DA22AC	810050736022	8	19.1" x 18.1" x 10"	15.7 lbs	30810050736023
ASD-CDL7-6DA22AC-BK	810050739443	8	19.1" x 18.1" x 10"	15.7 lbs	10810050739440
ASD-CDL7-8DA30AC	810050736039	4	18.9" x 11.4" x 11.6"	9.1 lbs	10810050736036
ASD-CDL7-8DA30AC-BK	810050739450	4	18.9" x 11.4" x 11.6"	9.1 lbs	10810050739457
ASD-CDL7-8DA40AC	819201025459	4	18.9" x 11.4" x 11.6"	9.1 lbs	10819201025456
ASD-CDL7-10DA40AC	810050736046	4	23.6" x 12.6" x 13"	12.1 lbs	10810050736043
ASD-CDL7-10DA40AC-BK	810050739832	4	23.6" x 12.6" x 13"	12.1 lbs	10810050739839

ACCESSORIES:

Model	Description	UPC	Pcs. per carton	Carton size	Carton weight	GTIN 14 in carton
BLD-HM08D	Battery back-up kit 8W	810128111508	10	17.1" x 14.6" x 11"	19.6 lbs	10810128111505
BLD-HM15D	Battery back-up kit 15W	810050734882	10	17.8" x 13.5" x 9.5"	25.1 lbs	10810050734889
ASD-MPLR-346-FA-6PACK	New construction flat mounting plate with asymmetric round holes 3-4-6"	810050739344	4	14.4" x 9.8" x 3.2"	18.1 lbs	10810050739341
ASD-MPLR18-346-FA-6PACK	New construction flat mounting plate 18" with asymmetric round holes 3-4-6"	810128112826	4	18.9" x 9.8" x 3.2"	32.9 lbs	10810128112823
ASD-MPLR-81012-FA-6PACK	New construction flat mounting plate with asymmetric round holes 8-10-12"	810128111553	4	19.5" x 14.2" x 3.2"	37.2 lbs	10810128111550
ASD-MPLR-346-FS-6PACK	New construction flat mounting plate with symmetric round holes 3-4-6"	810050739351	4	27" x 9.1" x 3.2"	21 lbs	10810050739358
ASD-MPLR-81012-FS-6PACK	New construction flat mounting plate with symmetric round holes 8-10-12"	810128111577	4	27" x 13.8" x 3.2"	42.3 lbs	10810128111574
ASD-MPLR-346-SC-6PACK	New construction mounting plate with round holes and sliding clips 3-4-6"	810050739337	2	17.3" x 11.9" x 13.4"	17 lbs	10810050739334
ASD-MPLR-81012-SC-6PACK	New construction mounting plate with round holes and sliding clips 8-10-12"	810128111607	2	21.3" x 17.5" x 15.6"	24 lbs	10810128111604

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