

# CPS LED LIGHTING

## PRODUCT ORDERING GUIDE: CES SERIES

REGRESSED DOWN LIGHT

SAMPLE:  
CPS-CES-4-18W-TWS-D



BASE MODEL:

CES

SIZE:

4"  
 6"  
 8"  
 10"

WATTAGE:

18W  
 27W  
 40W  
 54W  
 80W

CCT:

30K  
 40K  
 50K  
 XXK  
 TWS

3000K  
4000K  
5000K  
CCT ADJ  
WATTAGE & CCT ADJ

110-347V OPTION:

347

110-347V AC INPUT OPTION

OPTIONAL:

MOUNTING ACCESSORY

4" HOUSING  
 6" HOUSING  
 8" HOUSING  
 10" HOUSING



**CPS LED LIGHTING**  
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# CPS LED LIGHTING

- Applications:
- Offices
  - Hallways
  - Multipurpose Rooms
  - Conference Rooms
  - Shopping Malls
  - Airports
  - Restaurants
  - Homes

## CES Commercial Downlight

4 INCH



27W

6 INCH



18W/27W/40W

8 INCH



18W/27W/40W/54W

10 INCH



27W/40W/54W

### GENERAL SPECIFICATIONS

	18W	27W	40W	54W	80W
Input Power	18W	27W	40W	54W	80W
Trim Options	6", 8", 10"	4", 6", 8", 10"	6", 8", 10"	6", 8", 10"	6", 8", 10"
Efficacy @ 3000K	80 LM/W	80 LM/W	80 LM/W	80 LM/W	80 LM/W
Luminous Flux	1440 LM	2160 LM	3200 LM	4320 LM	6400 LM
100-277VAC Input	✓	✓	✓	✓	✓
110-347VAC Input Option	✓	✓	✓	50W	✓
1-10V Dimming	✓	✓	✓	✓	✓
CCT Adjustment Option	3000K, 3500K, 4000K	3000K, 3500K, 4000K	3000K, 3500K, 4000K	N/A	N/A
Wattage Adjustable Option	N/A	N/A	18W, 27W, 40W	N/A	50W, 65W, 80W
UL/CUL Certification	✓	✓	✓	✓	✓
Energy Star	6", 8"	6", 8"	6", 8", 10"	6", 8", 10"	6", 8", 10"

### TECHNICAL CHARACTERISTICS

Color temperature	3000K/3500K/4000K
Input voltage	AC120-277 or 110-347VAC 50/60Hz
Lumens	6900-11500 LM
Lumen efficiency	115 LM/W
Lumen maintenance	87.80%
Waterproof rating	uCLus for damp location
CRI	>80
PFC	>0.9
THD	<20%
Driver	Class 2 high efficiency driver
Certification	UL, DLC, uCLus
Ambient temperature	32°F to 122°F
Application	Indoor
L70 Life	Projected 50,000 hours
Warranty	7 years



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## CHARACTERISTICS

UL, DLC, uCLus listed

Provided with steel friction clips allowing for installation in variety of commercial recessed open frame rough-in sections.

UL 8750 LED equipment in lighting products

0-10V dimming type is continuous

Optional low voltage 100-277V emergency LED driver for lighting up to 120 minutes in event of power failure

Meets critical life-safety lighting requirements.

Product can dim to 10%

Meets critical life

Aluminum housing acts as heat sink to maximize life

4/6/8/10 inch mounting options available

cULus listed for damp locations

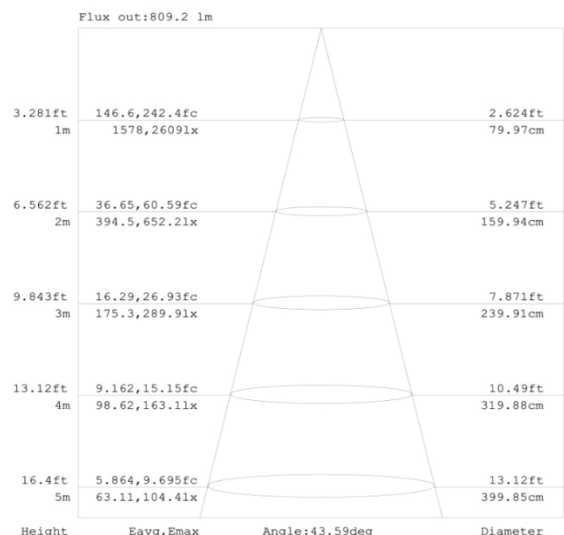
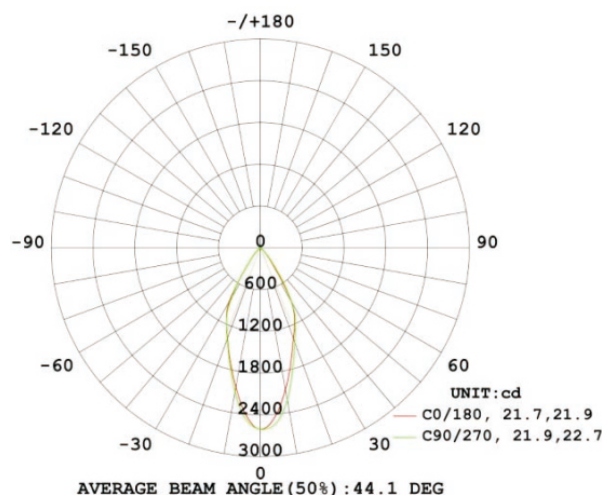
In compliance with IES LM-80 testing measurements

7 year limited warranty

LED ENGINE DIMENSIONS			
18W	2PCS/ CTN	11.3"X9.3"X6.1"	6 LBS
27W	2PCS/ CTN	11.3"X9.3"X6.1"	6 LBS
40W	2PCS/ CTN	11.3"X9.3"X6.1"	6 LBS
40W TUNABLE	2PCS/ CTN	11.22"X9.25"X6.5"	7 LBS
54W	2PCS/ CTN	11.3"X9.3"X6.1"	7 LBS
80W	2PCS/ CTN	21.85"X11.02"X12.8"	20 LBS
LED TRIM DIMENSIONS			
6	2PCS/ CTN	8.9"X8.9"X9.3"	2 LBS
8	2PCS/ CTN	11.3"X11.3"X10.1"	2.2 LBS
10	2PCS/ CTN	12.5"X12.5"X10.5"	3.1 LBS
LED FRAME DIMENSIONS			
6	6PCS/CTN	19.9"X16"X8.5"	17.9 LBS
8	6PCS/CTN	19.9"X16"X8.5"	18.1 LBS
10	4PCS/CTN	19.9"X16"X8.5"	18.8 LBS

## Photometric:

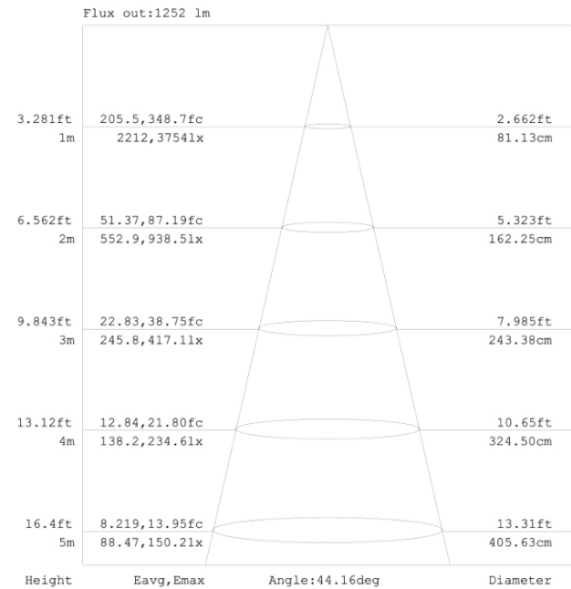
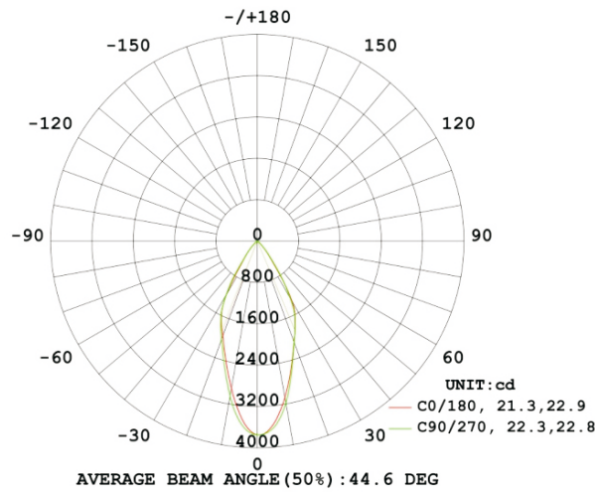
8" 18W - 1584 LM



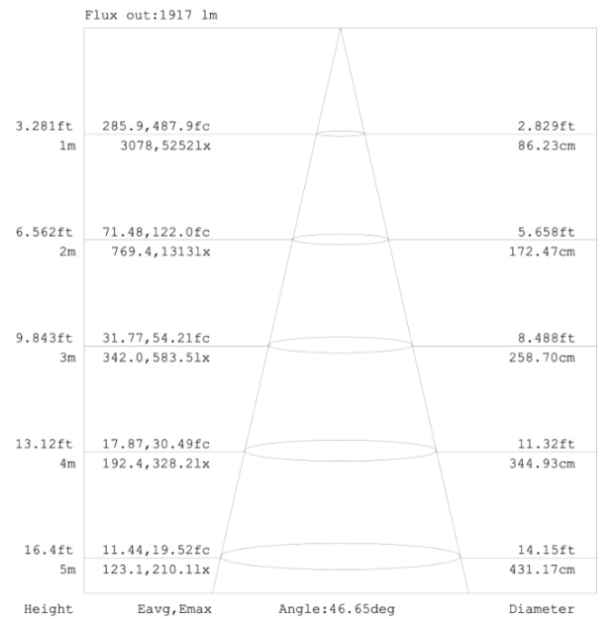
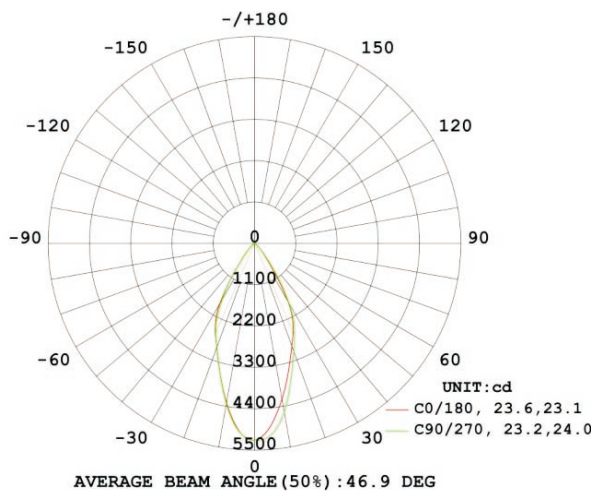
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## 8" 27W - 2376 LM



## 8" 40W - 3400 LM



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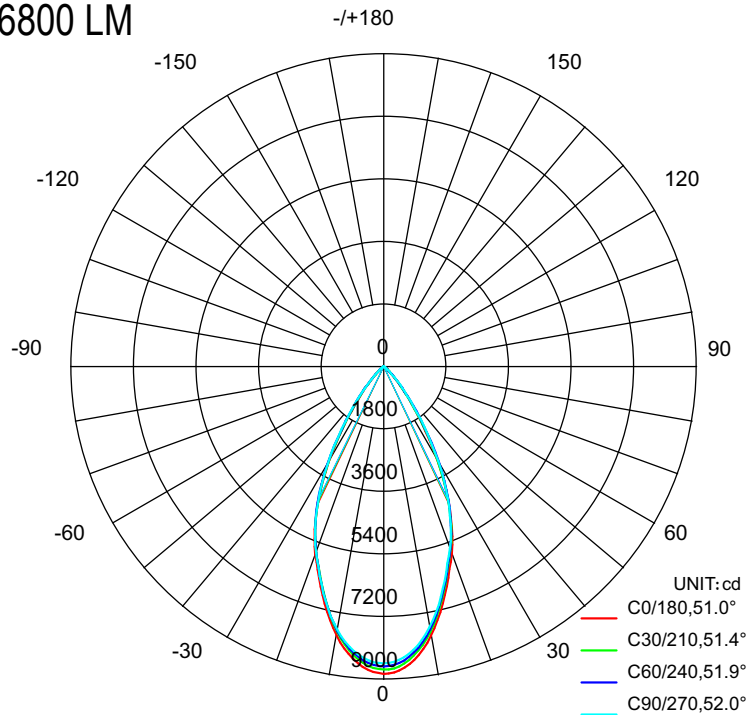
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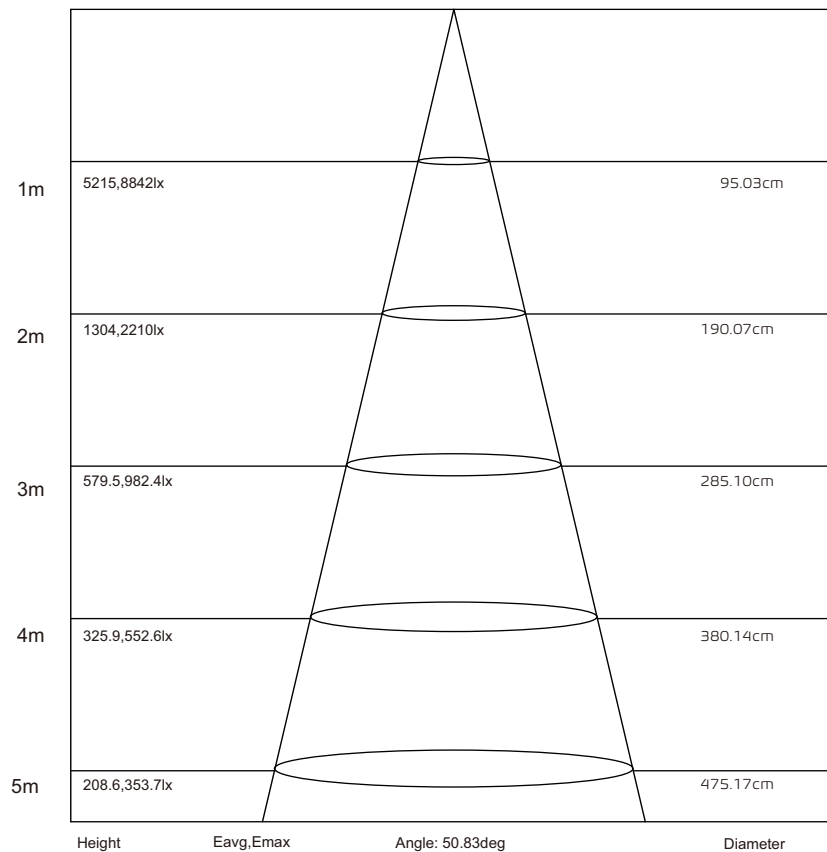
# CPS LED LIGHTING

8" 80W - 6800 LM



VERAGE BEAM ANGLE(50%): 51.6°

Flux out: 3897lm



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.



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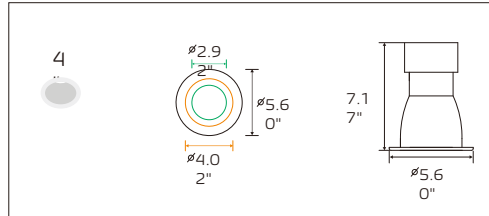
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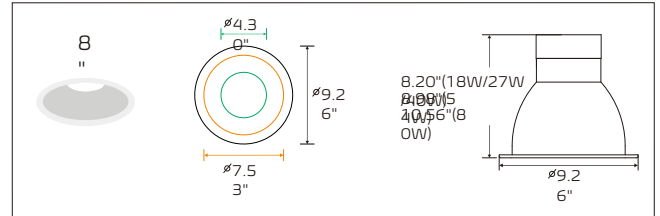
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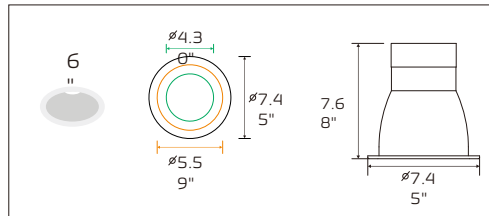
## Dimensions



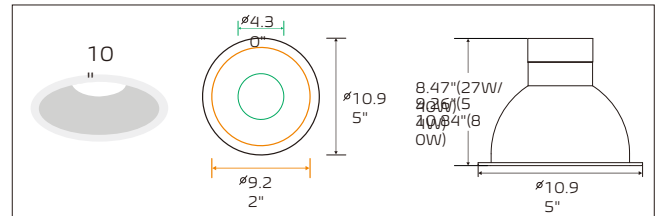
Mounting Diameters:  
4"-4.7"



Mounting Diameters:  
7.7"-8.4"

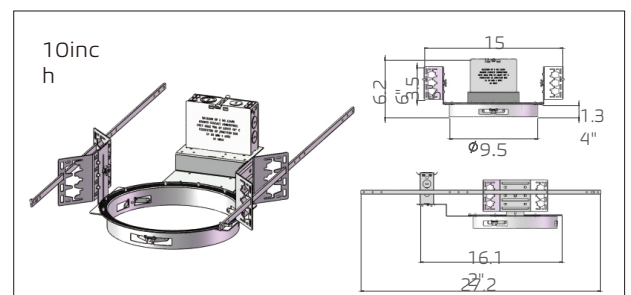
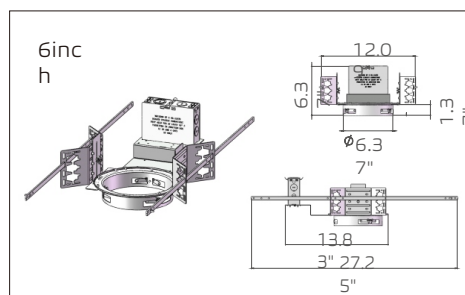
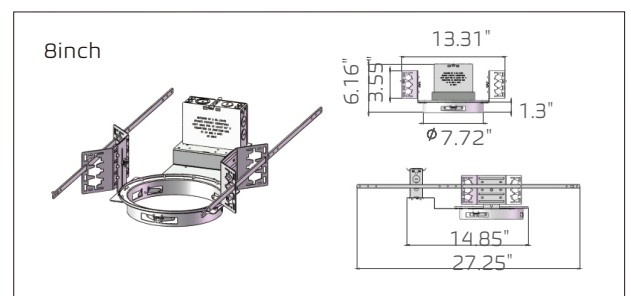
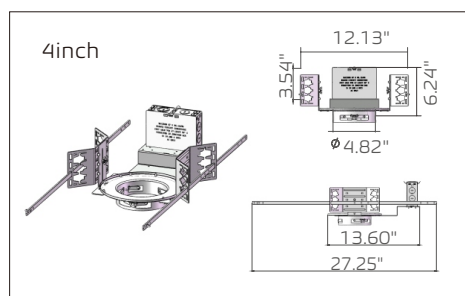


Mounting Diameters:  
6"-6.7"



Mounting Diameters:  
10"-10.7"

## Optional New Construction Frame



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