

## Series Spec Sheet

# COMETO FIRE-RATED SLIM BACKLIT DOWNLIGHT 5 CCT SELECTABLE

COMETO fire-rated slim backlit downlight has been designed and tested to meet fire-resistance standards. The housing is made of heat-resistant reinforced steel, giving it a 2-hour fire-resistance rating. This downlight offers integrated 2 700/3 000/3 500/4 000/5 000 K selectable color temperature to suit your needs.

### FEATURES AND SPECIFICATIONS

#### • Construction

##### Physical Characteristics

- 2-hour fire-resistant steel housing
- This product does not require a fire-rated junction box, it can be used on its own.
- White aluminum trim finish
- Available in 4" and 6" round
- 100° beam angle
- Frosted polycarbonate lens
- CCT selectable switch is discretely placed on the back of the LED module
- FT6 cable rating for ceiling plenum applications

##### Mounting

- LED module with LED driver easily installs with included quick connect wire
- Torsion spring mounting clips

#### • Performance data

- Available in 2 700/3 000/3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- 120 V
- Estimated life of over 50 000 hours to L70
- Phase cut (ELV / Triac) dimming standard
- Operating temperature:  
-30 °C to 40 °C (-22 °F to 104 °F)

#### • Compliances

- Tested and conformed with UL 263, ASTM E119, CAN/ULC S101 and ANSI/UL 263
- cETLus listed for wet locations
- Energy Star
- Meets requirements of ICES-005 issue 5 class B for use in residential applications
- IC rated for direct contact with insulation
- Airtight as per ASTM E283 standard



### OVERVIEW

Light source	LED
Watts (W)	11, 12
Lumen output (lm)	790 - 1 149
Efficacy (lm/W)	72 - 96
Color temperature (K)	2 700/3 000/3 500/4 000/5 000
CRI	80+

## QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Order code	Model number	Watts		Color temp. (K) <sup>1</sup>	Lumen output (lm) <sup>2</sup>	Efficacy (lm/W)	CRI	Life L70 (hrs) <sup>3</sup>	Beam angle (°)	Shape	Finish	Cable rating	Power factor	Fire resistance (hrs)	THD (%)	Master case qty
		(W)	(VAC)													
<b>4"</b>																
69596	DLC04R-11A-5CWH/FX	11	120	2 700/3 000/3 500/4 000/5 000	750	68	80+	50 000	100	Round	White	FT6	>0.9	2	<11.5	24
<b>6"</b>																
69597	DLC06R-12A-5CWH/FX	12	120	2 700/3 000/3 500/4 000/5 000	1000	83	80+	50 000	100	Round	White	FT6	>0.9	2	<11.5	12

<sup>1</sup> Typical color temperature range: +/- 5 %.

<sup>2</sup> Lumen values are derived from Energy Star reported data. Initial lumens range: +/- 10 %.

<sup>3</sup> Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

## LUMEN SPECIFICATION TABLE

Order code	Model number	Watts (W)	2 700 K		3 000 K		3 500 K		4 000 K		5 000 K	
			Lumen output (lm)	Efficacy (lm/W)								
69596	DLC04R-11A-5CWH/FX	11	790	72	836	76	874	79	892	81	875	80
69597	DLC06R-12A-5CWH/FX	12	1035	86	1079	90	1124	94	1149	96	1144	95

### DEFAULT PROGRAMMING

69596: 3 000 K

69597: 3 000 K

## COMPATIBLE ACCESSORIES (order separately)

Order code	Model number	Type	Inner diameter (in)	Outer diameter (in)	Master case qty
66821 <sup>1</sup>	ACC/MPLATE/4.25IN/HANG.BARS/STD	Mounting plate with hanger bars	4 1/4	-	25
66058	ACC/MPLATE/4.25/ADJ/STD	Adjustable mounting plate	4 1/4	-	24
66051	ACC/MPLATE/4.25/SQR/STD	Square mounting plate	4 1/4	-	96
66143	ACC/4/VAPOR BARRIER/STD	Vapor barrier extender	4 1/4	-	50
66822 <sup>1</sup>	ACC/MPLATE/6.25IN/HANG.BARS/STD	Mounting plate with hanger bars	6 1/4	-	25
64921	RF/ACC/6/MOUNT.PLATE/ADJ/STD	Adjustable mounting plate	6 1/4	-	24
64263	ACC/MPLATE/6.25IN/SQR/STD	Square mounting plate	6 1/4	-	96
66144	ACC/6/VAPOR BARRIER/STD	Vapor barrier extender	6 1/4	-	50
66964	LPDL/ACC/6FT/EXTCABLE/FT6/STD	6' extension cord	-	-	96

<sup>1</sup> Includes brackets and screws.

<sup>2</sup> Up to 8 FT6 extension cords can be connected together.

## COMPATIBLE DIMMERS<sup>1</sup>

Brand	4"		6"	
	Model			
Cooper	RRD-6NA, AAL06		RRD-6NA, AAL06	
Leviton	IPL06, 6674, DSL06-1ZL, DSM10-1LZ, IPE04-1LZ		6674, DSM10-1LZ	
Lutron	PD-5NE, PD-6WCL, CTCL-153P, DVCL-253P, DVPR-253, SELV-300P, MACL-153P		PD-5NE, PD-6WCL, CTCL-153P, DVCL-253P, DVPR-253, SELV-300P, MACL-153P	

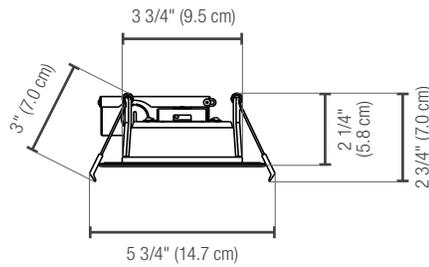
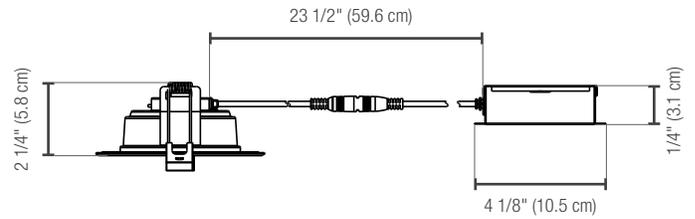
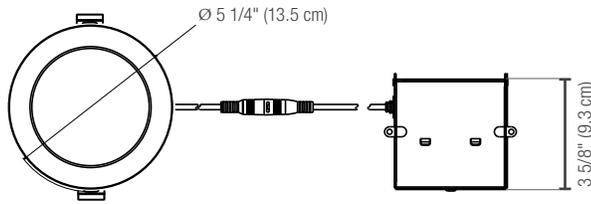
Dimming range: 10%-100%

<sup>1</sup> This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

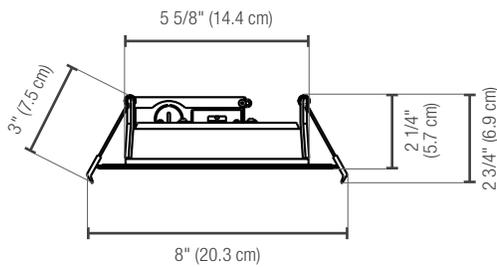
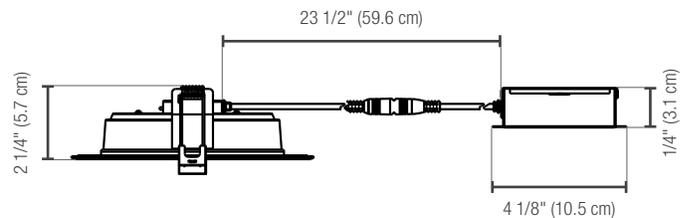
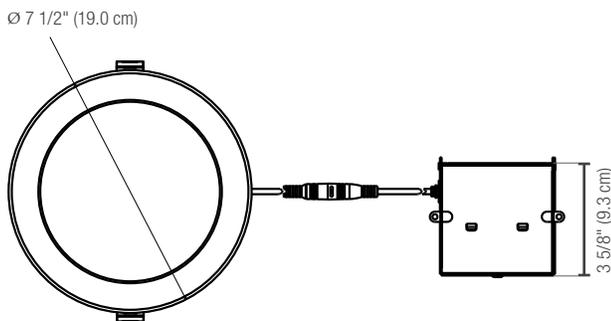
Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

## DIMENSIONS AND WEIGHTS

4"



6"



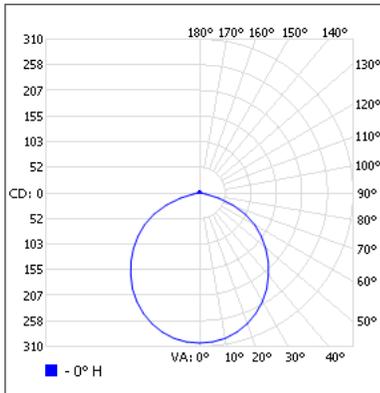
	4"	6"
Net weight (lbs)	1.1	1.32

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

## PHOTOMETRIC DATA<sup>1</sup>

69596 • DLC04R-11A-5CWH/FX • 3 000K • 836.2 lm

### Polar candela distribution



### Zonal lumen summary

Zone	Lumens	% Fixture
0-30	234.0	28
0-40	381.3	45.6
0-60	661.7	79.8
60-90	150.0	17.9
70-100	52.7	6.3
90-120	7.9	0.9
0-90	817.6	97.8
90-180	18.5	2.2
0-180	836.2	100

### Illuminance at a distance

Center beam fc	Beam width
1.7'	105
3.3'	27.8
5.0'	12.1
6.7'	6.74
8.3'	4.40
10.0'	3.03

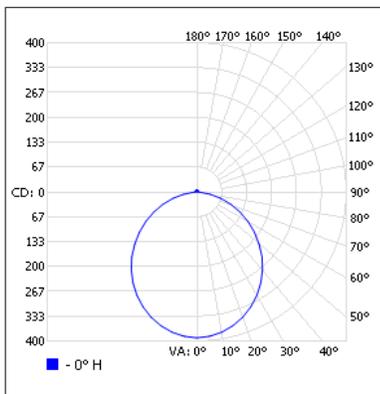
  

Beam width
4.9'
9.4'
14.3'
19.2'
23.8'
28.6'

■ Vert. spread: 110.1°

69597 • DLC06R-12A-5CWH/FX • 3 000K • 1 078.8 lm

### Polar candela distribution



### Zonal lumen summary

Zone	Lumens	% Fixture
0-30	298.1	27.6
0-40	484.2	44.9
0-60	841.4	78
60-90	213.0	19.7
70-100	90.5	8.4
90-120	10.3	1
0-90	1 054.4	97.7
90-180	24.5	2.3
0-180	1 078.8	100

### Illuminance at a distance

Center beam fc	Beam width
1.7'	135
3.3'	35.9
5.0'	15.7
6.7'	8.72
8.3'	5.68
10.0'	3.91

Beam width
4.6'
9.0'
13.6'
18.2'
22.5'
27.2'

■ Vert. spread: 107.3°

<sup>1</sup> Complete IES files available on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.