

## FLUO LED

### LED UNDERCABINET LUMINAIRE

#### Single CCT and 3 CCT Selectable Slim Bar

The LED FLUO is designed for 120 V applications and is easy and quick to install as no driver is required. With its seamless look, the LED FLUO is the ideal replacement for traditional fluorescent undercabinet or task lighting for either residential and commercial applications.

#### FEATURES AND SPECIFICATIONS

##### • Construction

###### Finish

- White aluminum housing
- Frosted lens
- Single CCT available in: 9", 24", 36", 48", 60"
- 3 CCT selectable available in: 14", 23", 35", 47"
- ON/OFF switch on each bar for single CCT; OFF option is included directly on the CCT switch for the 3 CCT selectable bars

###### Mounting

- Surface
- Up to 200 W can be daisy chained
- For an installation without interruption, use the end to end connector
- The 120 V power cord and the hardwire box can be used to make connections to the main power

##### • Performance Data

- Available in both 3 000 K and 4 000 K single color temperatures, or 2 700/3 000/4 000 K selectable color temperature
- 90 CRI for true color accuracy
- Electrical Ratings: 120 V
- Estimated life of 50 000 hours to L70 for 9", 14", 23", 35" and 47"
- Estimated life of 35 000 hours to L70 for 24", 36", 48" and 60"
- Phase cut (ELV / Triac) dimming standard
- Operating temperature range: -20°C to 40°C (-4°F to 104°F)

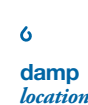
##### • Compliances

- cETLus listed for damp location
- Energy Star on the single CCT bars
- Meets requirements of ICES-005 issue 5 class B for usage in residential applications



#### OVERVIEW

Light source	LED
Watts (W)	3 - 25
Lumen output (lm)	235 - 1 938
Efficiency (lm/W)	70 - 97
Color temperature (K)	3 000, 4 000 2 700/3 000/4 000
CRI	90



**QUICK SHIP AND TECHNICAL SPECIFICATION TABLE**  <sup>1</sup>

Order Code	Part number	Watts (W)	Volts (VCA)	Color Temp. (K) <sup>2</sup>	Lumen Output (lm) <sup>3</sup>	Efficacy (lm/W)	CRI	Life L70 (hrs) <sup>4</sup>	Beam Angle (°)	Housing finish	Lens finish	Dimmable (Yes/No)	Power Factor	THD (%)	Case qty (master)
<b>Single CCT</b>															
<b>9"</b>															
68478	UCFL/9IN/120V/3W/30K/FR/WH	3	120	3 000	235	78	90	50 000	120	White	Frosted	Yes	0.90	<15	20
68479	UCFL/9IN/120V/3W/40K/FR/WH	3	120	4 000	235	78	90	50 000	120	White	Frosted	Yes	0.90	<15	20
<b>24"</b>															
67253	UCFL/24IN/120V/10W/30K/FR/WH/STD	10	120	3 000	730	73	90	35 000	120	White	Frosted	Yes	0.95	<15	20
<b>36"</b>															
67255	UCFL/36IN/120V/15W/30K/FR/WH/STD	15	120	3 000	1 050	70	90	35 000	120	White	Frosted	Yes	0.95	<15	20
67256	UCFL/36IN/120V/15W/40K/FR/WH/STD	15	120	4 000	1 050	70	90	35 000	120	White	Frosted	Yes	0.95	<15	20
<b>48"</b>															
67258	UCFL/48IN/120V/20W/40K/FR/WH/STD	20	120	4 000	1 450	73	90	35 000	120	White	Frosted	Yes	0.95	<15	20
<b>60"</b>															
67259	UCFL/60IN/120V/25W/30K/FR/WH/STD	25	120	3 000	1 740	70	90	35 000	120	White	Frosted	Yes	0.95	<15	20
67260	UCFL/60IN/120V/25W/40K/FR/WH/STD	25	120	4 000	1 740	70	90	35 000	120	White	Frosted	Yes	0.95	<15	20
<b>3 CCT Selectable</b>															
<b>14"</b>															
69415	UCFL14-5W-A-3CWH	5	120	2 700/3 000/4 000	461	92	90+	50 000	120	White	Frosted	Yes	0.90	<15	20
<b>23"</b>															
69416	UCFL23-10W-A-3CWH	10	120	2 700/3 000/4 000	909	91	90+	50 000	120	White	Frosted	Yes	0.90	<15	20
<b>35"</b>															
69417	UCFL35-15W-A-3CWH	15	120	2 700/3 000/4 000	1 211	81	90+	50 000	120	White	Frosted	Yes	0.90	<15	20
<b>47"</b>															
69418	UCFL47-20W-A-3CWH	20	120	2 700/3 000/4 000	1 749	87	90+	50 000	120	White	Frosted	Yes	0.90	<15	20

<sup>1</sup> **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

<sup>2</sup> Typical color temperature range: +/- 5 %.

<sup>3</sup> Single CCT: Lumen values are derived from Energy Star reported data.

<sup>3</sup> CCT Selectable: Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %. Lumen values are based on 3 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

<sup>4</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

**LUMEN SPECIFICATION TABLE**

Order code	2 700 K		3 000 K		4 000 K	
	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
69415	470	94	461	92	508	102
69416	899	90	909	91	994	99
69417	1 220	81	1 211	81	1 353	90
69418	1 686	84	1 749	87	1 938	97

**DEFAULT PROGRAMMING**

3 000 K

**ACCESSORIES (order separately)**

Order code	Description	Type	Length in (mm)	Case qty (master)
67202	UCS/PLUG/120V/STD	120 V Power Cord Plug	73 5/8 (1 870)	100
67203	UCS/JUMPER/6IN/STD	6" Jumper	6 (152.5)	500
67204	UCS/JUMPER/24IN/STD	24" Jumper	24 (610)	250
67205	UCS/JUMPER/36IN/STD	36" Jumper	36 (914)	100
67787	UC/HARDWIREBOX/120V/STD	Hardwire Box	6.5 (165)	50

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.

**COMPATIBLE DIMMERS<sup>1</sup>**

**Single CCT**

Brand	Model number
LEGRAND	RH703PTUTC
LUTRON	PD-6WCL, DVCL-153P, CTCL-153P, DVCL-253P, AYCL-253P, DVVRP-253P-WH, SELV-300P, MACL-153P
COOPER	RRD-6NA-WH, AAL06, SCL03P
LEVITON	6615, IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, DDMX1

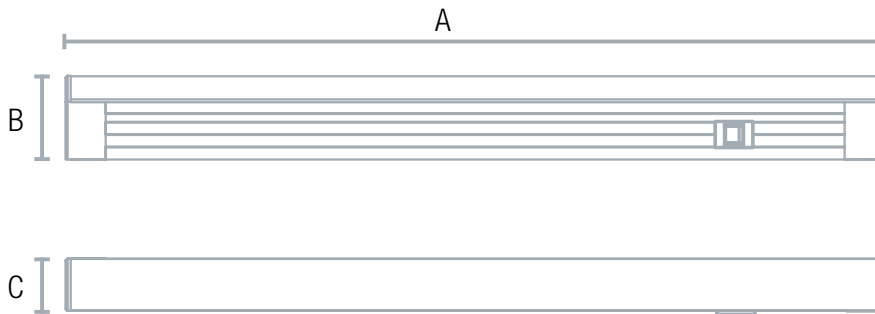
**3 CCT Selectable**

Brand	Model number			
	14"	23"	35"	47"
LEGRAND	RH703PTUTC			
LUTRON	AAL06, RRD-6NA-WH, SLC03P	PD-5NE, PD-6WCL, DVCL-153P, CTCL-153P, DVVRP-253-WH, DVCL-253P, SELV-300P	PD-5NE, PD-6WCL, DVCL-153P, CTCL-153P, DVVRP-253-WH, DVCL-253P, SELV-300P	RRD-6NA-WH, AAL06, SLC03P
COOPER	IPL06, 6674, DSL06-1LZ, IPE04-1LZ, DDMX1, DSM10-1LZ	RRD-6NA-WH, AAL06	RRD-6NA-WH, AAL06	IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, DDMX1
LEVITON	DVCL-153P, CTCL-153P, PD-5NE, PD-6WCL, DVCL-253P, SELV-300P, DVVRP-253-WH	IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, DDMX1	IPL06, 6674, DSL06-1LZ, DSM10-1LZ, IPE04-1LZ, DDMX1	PD-6WCL, DVCL-153P, CTCL-153P, DVVRP-253-WH, DVCL-253P, SELV-300P, MACL-153P, PD-5NE

**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.

**DIMENSIONS**



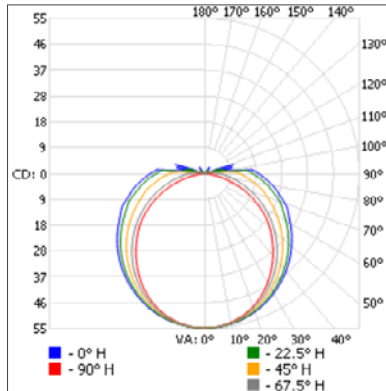
	Single CCT					3 CCT Selectable			
	9" (228.50)	24" (610)	36" (915)	48" (1 220)	60" (1 524)	14" (355)	23" (584)	35" (889)	47" (1 194)
<b>A in. (mm)</b>	9" (228.50)	24" (610)	36" (915)	48" (1 220)	60" (1 524)	14" (355)	23" (584)	35" (889)	47" (1 194)
<b>B in. (mm)</b>	1 1/4" (32.20)	1 1/4" (32.20)	1 1/4" (32.20)	1 1/4" (32.20)	1 1/4" (32.20)	1 1/4" (32.20)	1 1/4" (32.20)	1 1/4" (32.20)	1 1/4" (32.20)
<b>C in. (mm)</b>	3/4" (20)	3/4" (20)	3/4" (20)	3/4" (20)	3/4" (20)	3/4" (20)	3/4" (20)	3/4" (20)	3/4" (20)
<b>Net weight (lbs)</b>	0.35	0.47	0.72	0.95	1.54	0.38	0.47	0.72	0.95

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.

**PHOTOMETRIC DATA<sup>1</sup>**

68478 • UCFL/9IN/120V/3W/30K/FR/WH • 204.1 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	42.9	21
0-40	70.8	34.7
0-60	130.0	63.7
60-90	61.1	29.9
70-100	43.7	21.4
90-120	11.5	5.6
0-90	191.1	93.6
90-180	13.0	6.4
0-180	204.1	100

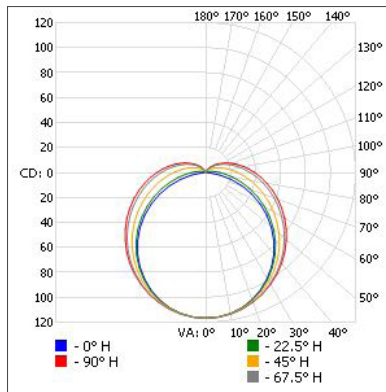
**Illuminance at a distance**

Center beam fc	Beam width	
	Vertical	Horizontal
1.7'	19.0	12.4' / 4.7'
3.3'	5.03	24.2' / 9.1'
5.0'	2.19	36.6' / 13.8'
6.7'	1.22	49.0' / 18.5'
8.3'	0.80	60.8' / 22.9'
10.0'	0.55	73.2' / 27.5'

Vert. spread: 149.4°  
Horiz. spread: 108.0°

69415 • UCFL14-5W-A-3CWH • 3 000 K • 460.7 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	91.5	19.9
0-40	151.3	32.8
0-60	277.8	60.3
60-90	128.1	27.8
70-100	95.0	20.6
90-120	44.7	9.7
0-90	405.9	88.1
90-180	54.8	11.9
0-180	460.7	100

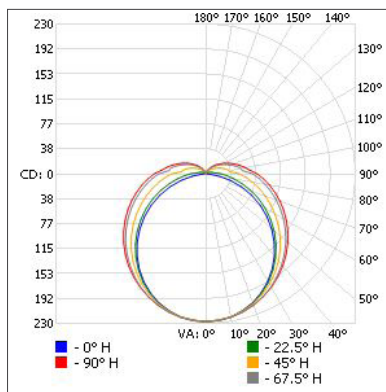
**Illuminance at a distance**

Center beam fc	Beam width	
	Vertical	Horizontal
1.7'	40.3	5.0' / 10.8'
3.3'	10.7	9.7' / 21.0'
5.0'	4.66	14.7' / 31.8'
6.7'	2.60	19.7' / 42.6'
8.3'	1.69	24.4' / 52.7'
10.0'	1.17	29.4' / 63.5'

Vert. spread: 111.6°  
Horiz. spread: 145.1°

69416 • UCFL23-10W-A-3CWH • 3 000 K • 908.5 lm

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	177.8	19.6%
0-40	294.1	32.4%
0-60	540.3	59.5%
60-90	253.5	27.9%
70-100	188.2	20.7%
90-120	91.0	10%
0-90	793.8	87.4%
90-180	114.7	12.6%
0-180	908.5	100%

**Illuminance at a distance**

Center beam fc	Beam width	
	Vertical	Horizontal
1.7'	78.6 fc	4.9' / 11.4'
3.3'	20.9 fc	9.6' / 22.2'
5.0'	9.08 fc	14.5' / 33.6'
6.7'	5.06 fc	19.4' / 45.1'
8.3'	3.30 fc	24.1' / 55.8'
10.0'	2.27 fc	29.0' / 67.3'

Vert. spread: 110.9°  
Horiz. spread: 146.9°

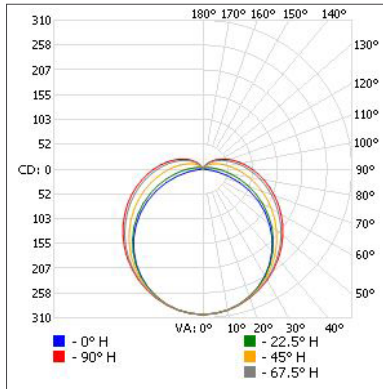
<sup>1</sup> Complete IES files available on our website.

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.

**PHOTOMETRIC DATA<sup>1</sup> (cont'd)**

**69417 • UCFL35-15W-A-3CWH • 3 000 K • 1 211 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	237.2	19.6%
0-40	392.7	32.4%
0-60	722.4	59.7%
60-90	337.2	27.8%
70-100	252.2	20.8%
90-120	122.3	10.1%
0-90	1 059.6	87.5%
90-180	151.4	12.5%
0-180	1 211.0	100%

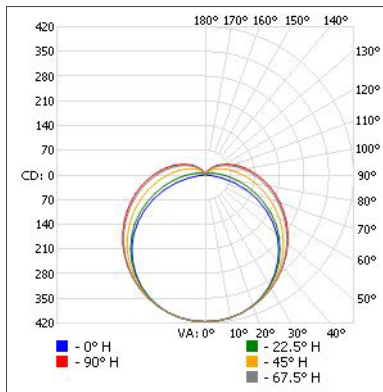
**Illuminance at a distance**

Center beam fc		Beam width	
1.7'	105 fc	5.1'	10.6'
3.3'	27.8 fc	9.9'	20.6'
5.0'	12.1 fc	15.0'	31.2'
6.7'	6.75 fc	20.2'	41.8'
8.3'	4.40 fc	25.0'	51.8'
10.0'	3.03 fc	30.1'	62.4'

Vert. spread: 112.8°  
Horiz. spread: 144.5°

**69418 • UCFL47-20W-A-3CWH • 3 000 K • 1 749 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	330.0	18.9
0-40	549.5	31.4
0-60	1 023.4	58.5
60-90	497.6	28.5
70-100	375.1	21.4
90-120	183.6	10.5
0-90	1 521.0	87
90-180	227.9	13
0-180	1 749.0	100

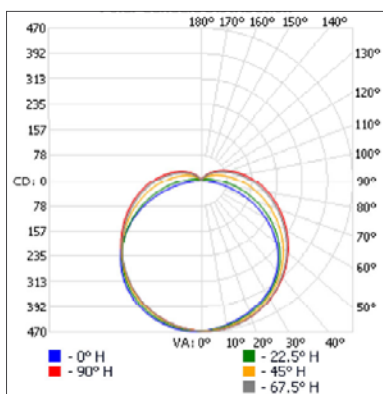
**Illuminance at a distance**

Center beam fc		Beam width	
1.7'	144	5.6'	11.9'
3.3'	38.2	10.8'	23.1'
5.0'	16.6	16.4'	35.0'
6.7'	9.26	22.0'	46.9'
8.3'	6.03	27.2'	58.2'
10.0'	4.16	32.8'	70.1'

Vert. spread: 117.3°  
Horiz. spread: 148.1°

**67259 • UCFL/60IN/120V/25W/30K/FR/WH/STD • 1 952.3 lm**

**Polar candela distribution**



**Zonal lumen summary**

Zone	Lumens	% Fixture
0-30	369.9	18.9%
0-40	617.3	31.6%
0-60	1 155.4	59.2%
60-90	558.5	28.6%
70-100	414.1	21.2%
90-120	193.9	9.9%
0-90	1 713.9	87.8%
90-180	238.4	12.2%
0-180	1 952.3	100%

**Illuminance at a distance**

Center beam fc		Beam width	
1.7'	162 fc	6.0'	10.7'
3.3'	42.9 fc	11.7'	20.7'
5.0'	18.7 fc	17.7'	31.4'
6.7'	10.4 fc	23.7'	42.0'
8.3'	6.78 fc	29.3'	52.1'
10.0'	4.67 fc	35.4'	62.8'

Vert. spread: 121.0°  
Horiz. spread: 144.6°

<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.