

Series Spec Sheet

FLUO LED

LED UNDERCABINET LUMINAIRE

5 CCT Selectable

Slim Bar

Enhance the workspace with optimal illumination with the FLUO LED series. This series ensures a clutter-free and well-lit environment, which is the ideal choice for a variety of applications ranging from task to accent lighting. The integrated 5-color selectable switch on each bar helps achieve a comfortable environment, select the color temperature that best suits the chosen space.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- White aluminum housing
- Frosted polycarbonate lens
- 5 CCT selectable switch is placed on each bar
- ON/OFF switch available in: 14", 23", 35", and 47"

Mounting

- Surface mount
- Daisy chain up to 300 W
- For an installation without interruption, use the end to end connector (included in the box)
- The 120 V power cord and the hardwire box can be used to make connections to the main power (see accessories)

• Performance Data

- Available in 2 700/3 000/3 500/4 000/5 000 K selectable color temperature
- 90+ CRI for true color accuracy
- Electrical ratings: 120 V
- Estimated life of over 54 000 hours to L70
- Phase cut (ELV / Triac) dimming standard
- Operating temperature: -20 °C to 40 °C (-4 °F to 104 °F)

OVERVIEW

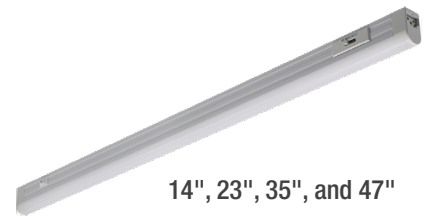
Light source	LED
Watts (W)	3, 5, 10, 15, 20
Lumen output (lm)	222 - 1 987
Efficiency (lm/W)	74 - 99
Color temperature (K)	2 700/3 000/3 500/4 000/5 000
CRI	90+

• Compliances

- cETLus listed for damp location
- Meets requirements of ICES-005 issue 5 class B for use in residential applications



10"



14", 23", 35", and 47"



QUICK SHIP AND TECHNICAL SPECIFICATION TABLE 1

Order Code	Model number	Watts (W)	Volts (VAC)	Color Temp. (K) ¹	Lumen Output (lm) ^{2,3}	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Beam Angle (°)	Housing finish	Lens finish	Dimmable (Yes/No)	Power Factor	THD (%)	Master case qty
5 CCT Selectable																
10"																
69920	UCFL10-3W-A-5CWH	3	120	2 700/3 000/3 500/4 000/5 000	239	80	90+	54 000	9 000	120	White	Frosted	Yes	>0.90	<15	20
14"																
69921	UCFL14-5W-A-5CWH	5	120	2 700/3 000/3 500/4 000/5 000	448	90	90+	54 000	9 000	120	White	Frosted	Yes	>0.90	<15	20
23"																
69922	UCFL23-10W-A-5CWH	10	120	2 700/3 000/3 500/4 000/5 000	855	86	90+	54 000	9 000	120	White	Frosted	Yes	>0.90	<15	20
35"																
69923	UCFL35-15W-A-5CWH	15	120	2 700/3 000/3 500/4 000/5 000	1 136	76	90+	54 000	9 000	120	White	Frosted	Yes	>0.90	<15	20
47"																
69924	UCFL47-20W-A-5CWH	20	120	2 700/3 000/3 500/4 000/5 000	1 787	89	90+	54 000	9 000	120	White	Frosted	Yes	>0.90	<15	20

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

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 3 500 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21-11 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)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
69920	UCFL10-3W-A-5CWH	3	222	74	231	77	239	80	244	81	251	84
69921	UCFL14-5W-A-5CWH	5	415	83	428	86	448	90	459	92	475	95
69922	UCFL23-10W-A-5CWH	10	797	80	826	83	855	86	882	88	907	91
69923	UCFL35-15W-A-5CWH	15	1 050	70	1 091	73	1 136	76	1 174	78	1 204	80
69924	UCFL47-20W-A-5CWH	20	1 679	84	1 741	87	1 787	89	1 883	94	1 987	99

DEFAULT PROGRAMMING

3 500 K

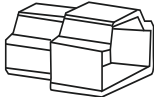
INCLUDED IN THE BOX:



Screws (2 units)



Fixing Clips (2 units)



End to End connector (1 unit)

ACCESSORIES (order separately)

Order code	Model number	Type	Length in (cm)	Figure	Case qty (master)
67202	UCS/PLUG/120V/STD	120 V Power Cord Plug	73 5/8 (181)	A	100
67203	UCS/JUMPER/6IN/STD	6" Jumper	6 (15)	B	500
67204	UCS/JUMPER/24IN/STD	24" Jumper	24 (61)	B	250
67205	UCS/JUMPER/36IN/STD	36" Jumper	36 (91)	B	100
67787 ¹	UC/HARDWIREBOX/120V/STD	Hardwire Box	6.5 (17)	C	50

¹ The hardwire junction box does not include jumper cables.



A



B



C

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions.
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COMPATIBLE DIMMERS¹

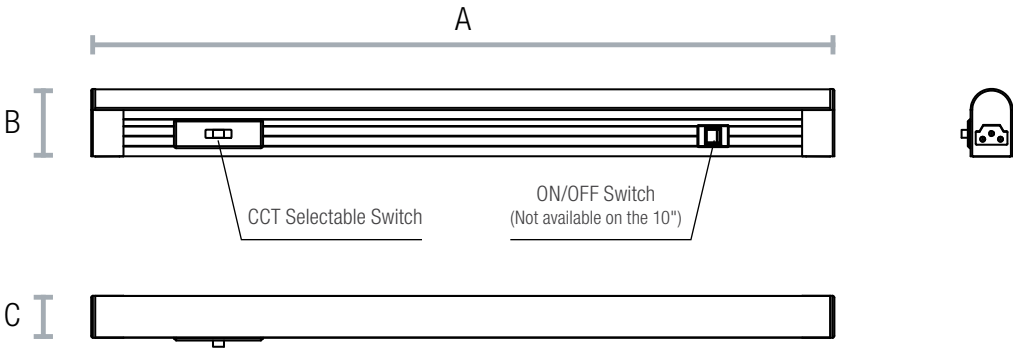
	10"	14"	23"	35"	47"
Brand	Model				
LEGRAND	RH703PTUTC	RH730PTUTC	RH730PTUTC	RH730PTUTC	RH730PTUTC
LUTRON	PD-5NE ² , PD-6WCL1, DVCL-153P ² , DVCL-253P ² , AYCL-253P ² , DVRP-253-WH, SELV-300P, MACL-153P ²	HCL453P, PD-6WCL ² , DVCL-153P ² , DVCL-253P ² , AYCL-253P ² , DVELV-300P, SELV-300P, MACL-153P ²	HCL453P ² , PD-6WCL ² , DVCL-153P ² , DVCL-253P ² , AYCL-253P ² , DVELV-300P, SELV-300P, MACL-153P ²	HCL453P ² , PD-6WCL ² , DVCL-153P ² , DVCL-253P ² , AYCL-253P, DVELV-300P, SELV-300P, MACL-153P ²	HCL453P, PD-6WCL ² , DVCL-153P ² , DVCL-253P, AYCL-253P, DVELV-300P, SELV-300P, MACL-153P ²
COOPER	RRD-6NA-WH, AAL06 ² , SLC03P/SUL06P	DAL06P, AAL06, SAL06P3	DAL06P, AAL06, SAL06P3	DAL06P, AAL062, SAL06P3	DAL06P, AAL06 ² , SAL06P3
LEVITON	IPL06 ² , DSM10-1LZ ² , DDMX1 ²	IPL06 ² , 6674 ² , DSL06-1LZ ² , DSM10-1LZ, IPE04-1LZ ² , DDMX1	IPL06 ² , 6674 ² , DSL06-1LZ ² , DSM10-1LZ, IPE04-1LZ ² , DDMX1	IPL06 ² , 6674 ² , DSL06-1LZ ² , DSM10-1LZ ² , IPE04-1LZ ² , DDMX1 ²	IPL06 ² , 6674 ² , DSL06-1LZ ² , DSM10-1LZ ² , IPE04-1LZ ² , DDMX1 ²

Dimming range: 10%-100%

¹ 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.

² Minimum dimming is > 15%.

DIMENSIONS AND WEIGHT



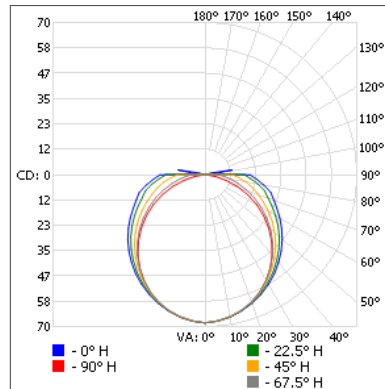
	10"	14"	23"	35"	47"
A in. (cm)	10 1/4" (26)	14" (35.5)	23" (58.4)	35" (88.9)	47" (119.4)
B in. (cm)	1 1/4" (3.22)	1 1/4" (3.22)	1 1/4" (3.22)	1 1/4" (3.22)	1 1/4" (3.22)
C in. (cm)	3/4" (2)	3/4" (2)	3/4" (2)	3/4" (2)	3/4" (2)
Net weight (lbs)	0.29	0.37	0.47	0.72	0.95

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PHOTOMETRIC DATA¹

69920 • UCFL10-3W-A-5CWH • 3 W • 3 000 K • 231.0 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	52.3	22.6
0-40	85.9	37.2
0-60	155.4	67.3
60-90	68.3	29.6
70-100	44.3	19.2
90-120	6.6	2.9
0-90	223.7	96.8
90-180	7.3	3.2
0-180	231.0	100

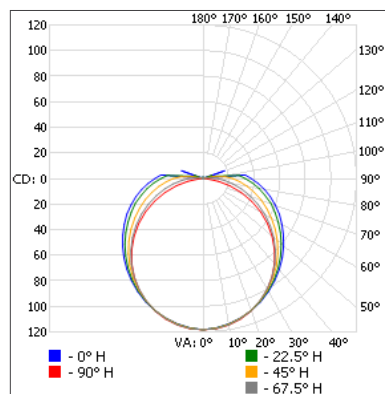
Illuminance at a distance

Center beam fc		Beam width	
1.7'	23.6	9.0'	4.7'
3.3'	6.27	17.4'	9.1'
5.0'	2.73	26.3'	13.8'
6.7'	1.52	35.3'	18.4'
8.3'	0.99	43.7'	22.8'
10.0'	0.68	52.7'	27.5'

■ Vert. spread: 138.4°
■ Horiz. spread: 108.0°

69921 • UCFL14-5W-A-5CWH • 5 W • 3 000 K • 428.0 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	91.7	21.4
0-40	151.4	35.4
0-60	227.0	64.7
60-90	126.2	29.5
70-100	89.2	20.8
90-120	22.9	5.3
0-90	403.2	94.2
90-180	24.8	5.8
0-180	428.0	100

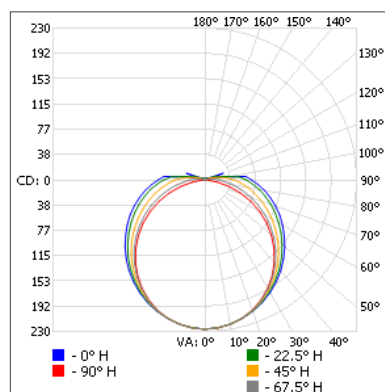
Illuminance at a distance

Center beam fc		Beam width	
1.7'	40.9	9.7'	5.1'
3.3'	10.9	18.9'	9.9'
5.0'	4.73	28.6'	15.0'
6.7'	2.63	38.3'	20.1'
8.3'	1.72	47.5'	24.9'
10.0'	1.18	57.2'	30.0'

■ Vert. spread: 141.5°
■ Horiz. spread: 112.6°

69922 • UCFL23-10W-A-5CWH • 10 W • 3 000 K • 826.1 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	176.2	21.3
0-40	290.5	35.2
0-60	529.6	64.1
60-90	263.8	28.7
70-100	169.6	20.5
90-120	53.4	6.5
0-90	766.4	92.8
90-180	59.7	7.2
0-180	826.1	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	78.3	9.4'	4.9'
3.3'	20.8	18.3'	9.5'
5.0'	9.06	27.8'	14.4'
6.7'	5.04	37.2'	19.4'
8.3'	3.29	46.1'	24.0'
10.0'	2.26	55.5'	28.9'

■ Vert. spread: 140.4°
■ Horiz. spread: 110.6°

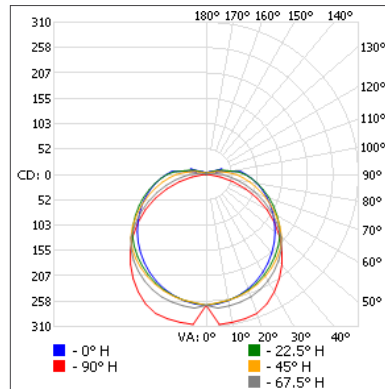
¹ Complete IES files available on our website.

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PHOTOMETRIC DATA¹

69923 • UCFL35-15W-A-5CWH • 15 W • 3 000 K • 1 090.5 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	217.8	20
0-40	364.8	33.5
0-60	686.3	62.9
60-90	315.8	29
70-100	223.5	20.5
90-120	76.6	7
0-90	1 002.1	91.9
90-180	88.4	8.1
0-180	1 090.5	100

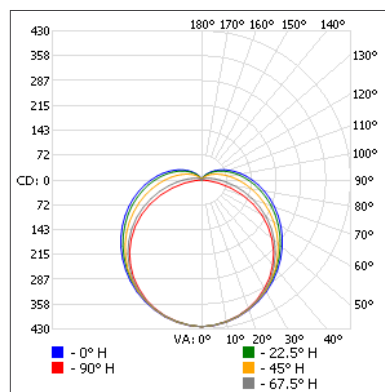
Illuminance at a distance

Center beam fc		Beam width	
1.7'	92.2	6.4'	5.4'
3.3'	24.5	12.4'	10.6'
5.0'	10.7	18.8'	16.0'
6.7'	5.94	25.2'	21.4
8.3'	3.87	31.2'	26.5'
10.0'	2.66	37.6'	32.0

■ Vert. spread: 124.0°
■ Horiz. spread: 116.0°

69924 • UCFL47-20W-A-5CWH • 20 W • 3 000 K • 1 741.2 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	331.3	19
0-40	550.3	31.6
0-60	1 022.3	58.7
60-90	496.3	28.5
70-100	373.8	21.5
90-120	180.4	10.4
0-90	1 518.6	87.2
90-180	222.6	12.8
0-180	1 741.2	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	146	11.1'	5.5'
3.3'	38.9	21.5'	10.7'
5.0'	16.9	32.6'	16.2'
6.7'	9.43	43.7'	21.7'
8.3'	6.14	54.1'	26.9'
10.0'	4.23	65.2'	32.4'

■ Vert. spread: 145.9°
■ Horiz. spread: 116.7°

¹ Complete IES files available on our website.

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