Visit www.designlights.org to confirm specific DLC model listing

BS100L 3CCT

INDUSTRIAL VAPOUR TIGHT
3CCT AND 3 POWER SELECTABLE

Type: _____

Project: _____

Delivered Lumens:
4177 lm - 7957 lm

CRI:
90+

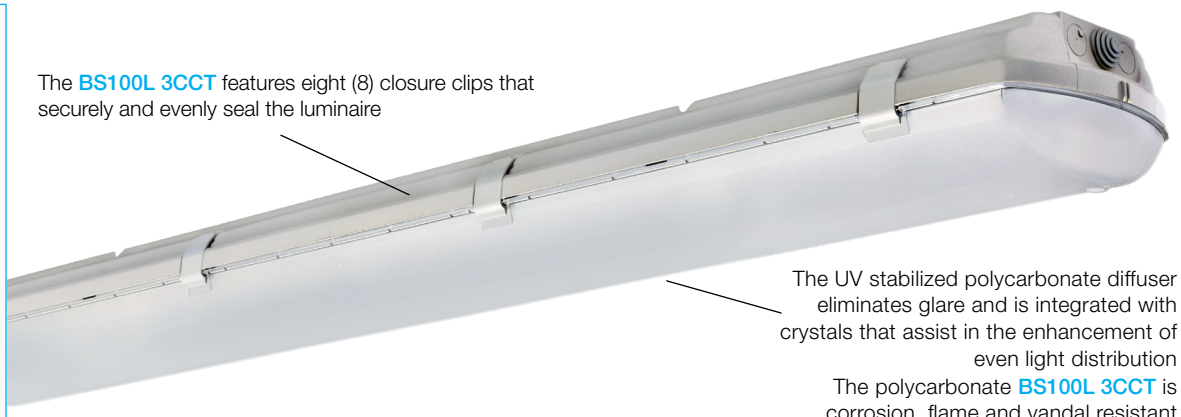
Input Wattage:
30W - 60W

Efficacy:
Up to 148 lm/W

Colour Temperatures:
3CCT: 3500K/4000K/5000K

Projected Lumen Maintenance:
L_{70} @ > 54000 hrs.

The **BS100L 3CCT** features eight (8) closure clips that securely and evenly seal the luminaire



The UV stabilized polycarbonate diffuser eliminates glare and is integrated with crystals that assist in the enhancement of even light distribution

The polycarbonate **BS100L 3CCT** is corrosion, flame and vandal resistant

Unique three piece design that allows effortless assembly without any tools

The **BS100L 3CCT** is ideal for installation in parking garages, warehouses, breezeways, canopies, schools and much more.

Configurations

MODEL	LENGTH	OPERATION	POWER	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BS100L	4 (4ft)	[BLANK] (AC only)	PS Selectable: L(30W), M(45W), H(60W)	3C (Selectable - 3500K/4000K/5000K)	M (120-347V)	[BLANK] (surface mount - std.)	SS (stainless steel clips)
		†, *SA (EM backup)			A (120V)	[BLANK] (chain hang kit - std.)	[6]IOS01 (microwave, internal, on/off 120-277V (15' MH)
					B (277V)	AC (aircraft cable)	[6]IOS02 (microwave, internal, step-dimming, 120-347V(26' MH)
					C (347V)	SPK (single pendant kit)	EOS01 (PIR Step-dimming, end mount, 120-277V (8-15'MH)
					S (120-277V)	[3]JM (direct mount to J-box)	EOS02 (PIR Step-dimming, end mount, 347V (8-15' MH)
						MM (magnetic mount)	EOS06 (PIR Step-dimming, end mount, 347V (40' MH)
						PM (pivot mount)	EOS09 (PIR On/Off, end mount, 120-277V (40' MH)
							LOS01 (PIR Step-dimming, integral lens mounted 120-277V (8' MH)
							LOS02 (PIR Step-dimming, integral lens mounted 347V (8' MH)
							†,*,4 EM (90 min external emergency backup remote driver)
							†FP (Fuse protection)
							[3]TP (4 tamper-proof screws)
							[2]SP (10kA surge protection)
							†BLK (Black housing)
							90 (90+ CRI - standard option)
							†[BLANK] (80+ CRI)
							†LC (Line Cord)
							CT (Cabtire cord - specify 6ft or 10ft)
							[5]TLP (Twist lock plug)

DEFAULT PROGRAMMING: 60W / 4000K **NOTE†**: SA, EM, LC and FP are not available in 347V; **NOTE[1]:** longer lead time, contact factory; **NOTE[2]:** SP only available with **120V, 277V, 347V OR 120-277V**; **NOTE[3]:** Voids IP66 rating and sanitation listing; **NOTE[4]:** If SA operation is selected EM backup is already built-in; additional external EM backup driver is not necessary; **NOTE[5]:** TLP only available with: 120V, 277V or 347V **NOTE[6]**: Microwave occupancy sensor.

BS100L 3CCT 3PS

Compatible Sensor Table

ORDERING GUIDE	BRAND	MODEL
EOS01	Acuity	SBOR-10-OEX-D
EOS02	Acuity	SBOR-10-OEX-D-HVOLT
EOS06	Wattstopper	FSP-221B-D-L7-W

Compatible sensors can be ordered as options but will be shipped separately. Sensor brand is manufacturer's choice unless otherwise noted. If a compatible brand / type sensor is required please call for price.

DLC ID Table

MODEL NUMBER	STAIRWELL AND PASSAGEWAY LUMINAIRES	DIRECT LINEAR AMBIENT LUMINAIRES	LOW-BAY LUMINAIRES FOR COMMERCIAL AND INDUSTRIAL BUILDINGS
BS100L-4-PS-3C-M-90	[1]S-WSYKRY	[2]S-B4V3ZV	[1]S-111FH1

NOTE[1]: DLC Premium; **NOTE[2]:** DLC Standard.

Pre-Built Inventory

ORDERING CODE	SHORT DESCRIPTION	LONG DESCRIPTION
10001256	BS100L-4-PS-3C-M-90	BS100L LED 3CCT 3PS SERIES VAPOUR TIGHT IP66 RATED AC ONLY 4FT 3POWER AND 3COLOUR SELECTABLE 120277347V INPUT 90+CRI

BS100L 3CCT Accessories

MODEL	DESCRIPTION	MODEL	DESCRIPTION
50001053	aircraft cable 50"	50001043	single pendant kit 24"
50001054	aircraft cable 72"	50001044	single pendant kit 36"
50001055	aircraft cable 100"	50001045	single pendant kit 48"
50001056	aircraft cable 150"	50001032	pivot mounting
50001057	aircraft cable 200"	JM	junction box mount
50001041	single pendant kit 12"	50001024	magnetic mounting
50001042	single pendant kit 18"		

HOUSING:
100% UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention.

DIFFUSER:
Frosted UV stabilized polycarbonate diffuser, eliminates glare and provides even distribution.

REFLECTOR:
Flat, steel reflector system finished in durable white powder coat. The reflector system holds all electrical components.

ELECTRICAL:
Available in 3500K, 4000K or 5000K colour selectable temperatures. CRI 90+. High efficiency driver operates 120V through 347V, 50-60HZ. L70 up to 54,000 hours. SDCM 3.

WEIGHT:
10 lbs. / 4.5 kilo.

AC POWER CONNECTION:
3-wire, 18awg, pre-stripped 12" leads for quick in-field connection and hot load disconnect feature.

MOUNTING:
Surface & chain mount configuration is standard with integrated stainless steel mounting brackets and chain hooks. Additional mounting systems are available: including aviation cable, pendants, magnetic, pivot and direct to junction box configurations.

EMERGENCY BACKUP (SA):
Emergency backup with Ni-Cd batteries provides 1140 lumens for 90 minutes, initial lumens are 1758 lumens.

OPERATING TEMPERATURE:
AC only: -40˚C to 40˚C
SA: 0˚C to 40˚C

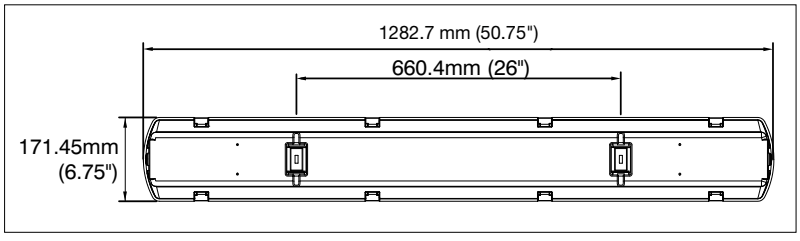
DIMMING:
0 - 10V dimming down to 1% is standard.

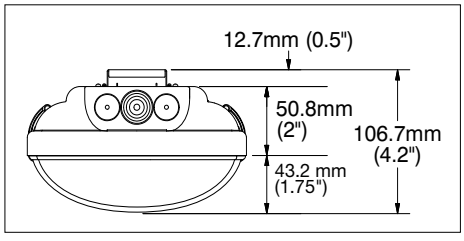
SANITATION LISTED:
Equivalent to the NSF standard 2. The **BS100L 3CCT** is suitable for use in food equipment environments.

RETROFIT KIT (BS100LR 3CCT):
A quick upgrade system for your existing fluorescent BS100 & BS100L single CCT/power units. Designed to easily snap into the existing BS100 & BS100L single CCT/power housing. Engineered to save you time and labour. Includes the polycarbonate diffuser, the steel reflector, LED modules and driver.

WARRANTY:
5 year LED warranty, see website for full warranty details.

Dimensions

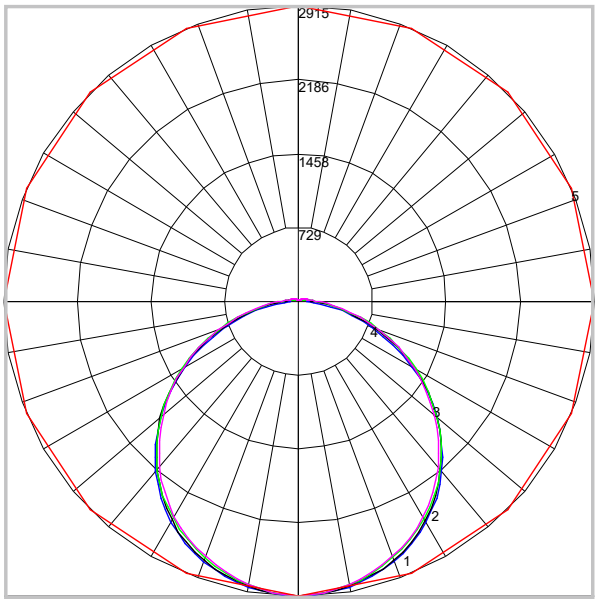




BS100L 3CCT 3PS

BS100L-4-PS-3C-M-90

Luminous Intensity Distribution



Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0 - 20	1064	12%
0 - 30	2267	26%
0 - 40	3731	42%
0 - 60	6644	75%
0 - 80	8364	94%
0 - 90	8643	97%
10 - 90	8368	94%
20 - 40	2667	30%
20 - 50	4193	47%
40 - 70	3983	45%
60 - 80	1720	19%
70 - 80	650	7%
80 - 90	279	3%
90 - 110	177	2%
90 - 120	212	2%
90 - 130	230	3%
90 - 150	246	3%
90 - 180	254	3%
110 - 180	77	1%
0 - 180	8897	100%

Energy Chart

MODEL	LENGTH	COLOUR	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	REPORTED L70 (HOURS)
BS100L-4-PS-3C-M-90	4FT	3500K	139 lm/W	30W	4177	90+	>54000
BS100L-4-PS-3C-M-90	4FT	4000K	148 lm/W	30W	4467	90+	>54000
BS100L-4-PS-3C-M-90	4FT	5000K	143 lm/W	30W	4307	90+	>54000
BS100L-4-PS-3C-M-90	4FT	3500K	135 lm/W	45W	6250	90+	>54000
BS100L-4-PS-3C-M-90	4FT	4000K	144 lm/W	45W	6684	90+	>54000
BS100L-4-PS-3C-M-90	4FT	5000K	139 lm/W	45W	6444	90+	>54000
BS100L-4-PS-3C-M-90	4FT	3500K	130 lm/W	60W	7440	90+	>54000
BS100L-4-PS-3C-M-90	4FT	4000K	139 lm/W	60W	7957	90+	>54000
BS100L-4-PS-3C-M-90	4FT	5000K	134 lm/W	60W	7672	90+	>54000

NOTE: Actual performance may vary between +/-5% of initial lumen output

BeLuce Canada Inc., 3900 14th Avenue, Unit 1, Markham, ON L3R 4R3 P: (905) 948-9500 F: (905) 948-8673 www.beluce.com