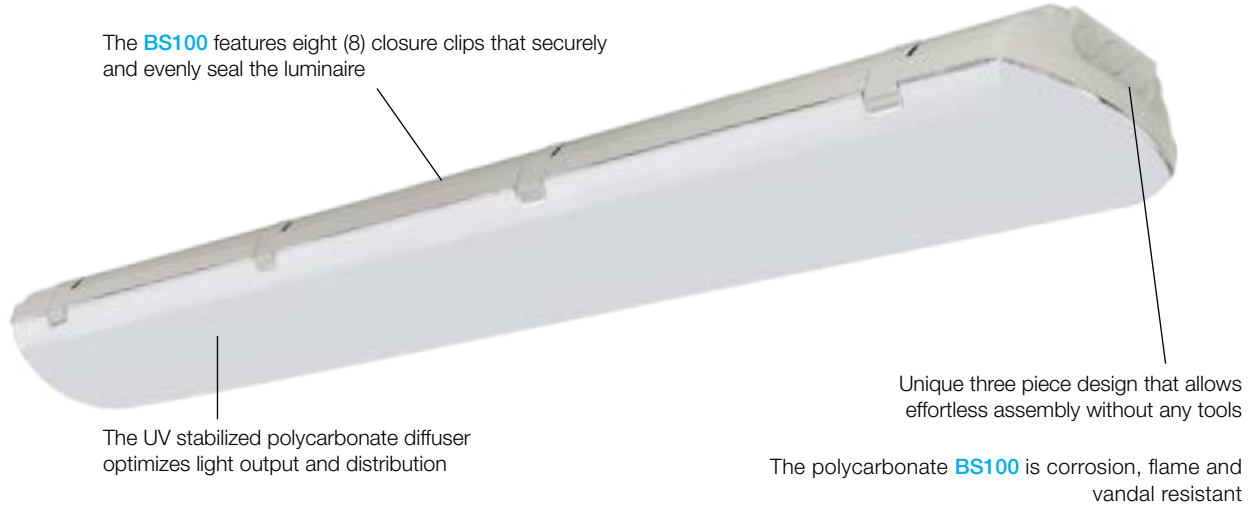


BS100

INDUSTRIAL

Type: _____

Project: _____



The **BS100** is ideal for parking structures, warehouses, breezeways, canopies and schools.

Configurations

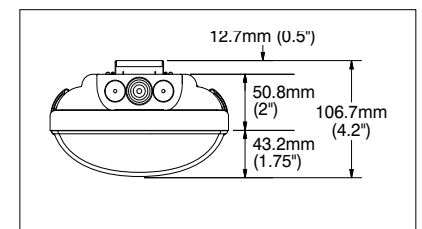
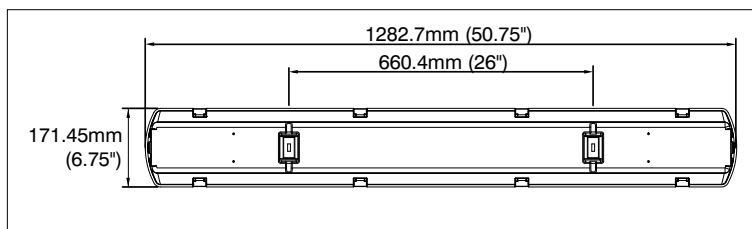
MODEL	LENGTH	OPERATION	LAMPS	INPUT	MOUNTING	OPTIONS
BS100T5	4 (4ft)	HT (AC only)	128W (4', 1x28 T5)	120V	³ AC (aviation cable)	SS (stainless steel clips)
BS100T5HO		¹ SA (AC & Emergency)	228W (4', 2x28 T5)	277V	⁴ SPK (single pendant kit)	CH (chain hang kit)
BS100T8			154W (4', 1x54 T5HO)	120/277V	⁴ DPK (double pendant kit)	SL (sanitation listed)
			254W (4', 2x54 T5HO)	² 347V	CH (chain hang kit)	TP (tamper proof)
			132W (4', 1x32 T8)		⁴ JM (direct mount to j-box)	OCC (occupancy sensor)
			232W (4', 2x32 T8)		MM (magnetic mount)	FP (inline fuse protection)
					PM (pivot mount)	

NOTE: Retro Fit Kit (BS100LR) Available; **NOTE¹:** SA not available with T5 or T5H; **NOTE²:** consult factory for 347V (SA); **NOTE³:** specify length for AC: 50", 72", 100", 150", 200" fully adjustable; **NOTE⁴:** JM option - the unit is no longer wet location / IP66 rated.

Pre-Built Inventory

ORDERING CODE	SHORT DESCRIPTION	LONG DESCRIPTION
10000035	BS10048T5254AC-120-277V	BS100 IP66 RATED ELECTRONIC BALLAST FOR 2 T5-HO 48" FLUORESCENT 54W LAMPS 120-277V INPUT (LAMPS NOT INCLUDED)
10000004	BS10048T8232AC-120-277V	BS100 IP66 RATED ELECTRONIC BALLAST FOR 2 T8 48" FLUORESCENT 32W LAMPS 120-277V INPUT (LAMPS NOT INCLUDED)
10000154	BS10048T8232AC-347V	BS100 IP66 RATED ELECTRONIC BALLAST FOR 2 T8 48" FLUORESCENT 32W LAMPS 347V INPUT (LAMPS NOT INCLUDED)

Dimensions



HOUSING:

100% UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention, integrated stainless steel mounting brackets.

REFLECTOR:

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

DIFFUSER:

High performance diffuser. Complete light emission (CLE) technology. 100% Polycarbonate construction, impact resistant, UV stabilized to reduce yellowing index.

LAMP/SOCKET:

Two or four T5, T5HO or T8 ratchet type sockets with BeLuCe adaptor extenders.

MOUNTING:

Surface mount and chain hang kit configurations as standard. Additional mounting systems are available including aviation cable, pendants, chain, magnetic, pivot and direct configurations. Suspension height is to be specified when ordering any suspension mount units: AC, SPK, DPK. (DM configuration mounts directly to the j-box; no longer complies with IP66 wet location rating. Fixture will be suitable for damp environments only.)

AC POWER CONNECTION

3-wire, solid type 18awg, prestripped 12" leads for quick in-field connection.

EMERGENCY (SA):

Integral emergency ballast to operate one lamp for a minimum duration of 90 minutes. Reflector mounted monitor indicator and test switch. (SA) for AC & emergency operation. The (SA) version is only available with either 120V or 277V inputs, (consult factory for 347V).

WEIGHT:

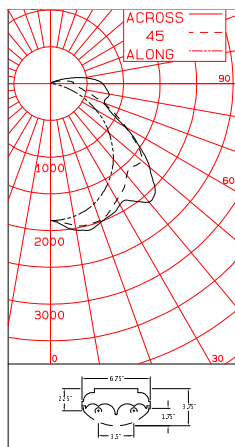
6.5lbs./2.948 kilo.

SANITATION LISTED (SL):

Is equivalent to the NSF standard 2. The **BS100** is ideal for use in food service equipment environments.

RETROFIT KIT (BS100LR):

A quick upgrade system for your existing fluorescent BS100 units. Designed to easily snap into the existing BS100 housing. Engineered to save you time and labour. Includes the polycarbonate diffuser, the steel reflector, LED modules and driver.

BS100T5HO-4-HT-254W-120/277V**Luminous Intensity Distribution**

ANGLE	CANDELA INTENSITY			SUMMARY		LUMEN OUTPUT
	ALONG	22.5	45	67.5	ACROSS	
0	1862	1862	1862	1862	1862	--
5	1857	1869	1897	1925	1935	186
15	1797	1882	1984	2046	2063	553
25	1663	1816	1918	1946	1970	863
35	1462	1659	1747	1828	1948	1092
45	1197	1365	1598	1972	2026	1254
55	894	1076	1449	1527	1478	1163
65	552	842	975	931	908	863
75	230	400	579	661	789	579
85	34	153	342	648	765	429
90	2	115	318	636	713	429
95	11	58	290	547	610	324
105	8	20	135	246	289	151
115	0	4	47	81	85	47
125	0	0	10	24	28	12
135	0	0	2	8	11	3
145	0	0	3	5	5	2
155	0	1	3	5	5	1
165	0	1	2	3	4	0
175	0	0	1	1	2	0
180	0	0	0	0	0	0

Initial Lamp Lumens:	4450	Luminaire Efficiency:	84.5%
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Zonal Lumen Summary

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	1601	17.99	21.29
0-40	2693	30.26	35.81
0-60	5110	57.42	67.94
0-90	6980	78.43	92.81
40-90	4287	48.18	57.01
60-90	1870	21.02	24.87
90-180	540	6.07	7.19
0-180	7521	84.51	100.00