

BS100

- The ILLUMINA® BS100 features eight (8) closure clips that securely and evenly seal the luminaire.
- Unique three piece design that allows effortless assembly without any tools.
- **DIFFUSER:** The UV stabilized polycarbonate diffuser optimizes light output and distribution.
- The ILLUMINA® BS100 is corrosion, flame and vandal resistant.



APPLICATION: The ILLUMINA® BS100 is ideal for parking structures, warehouses, breezeways, canopies and schools.

CONFIGURATIONS

MODEL	LENGTH	OPERATION	LAMPS	INPUT	MOUNTING	OPTIONS
BS100T5	2ft (frosted only)	HT (AC only)	114W (1x14 T5)	120V	AC ⁴ (aviation cable)	CL ⁷ (clear lens - 4ft)
BS100T5HO	4ft (clear std.)	SA ¹ (AC & Emergency)	214W (2x14 T5)	277V	SPK ⁵ (single pendant kit)	SS (stainless steel clips)
BS100T8			128W (1x28 T5)	120/277V	DPK ⁵ (double pendant kit)	FP (fuse protection - 3A)
			228W (2x28 T5)	347V ²	SVLSPK ⁵ (swivel single pendant kit)	OL (opaque lens)
			124W (1x24 T5HO)	480V ³	CH ⁵ (chain hang kit)	TPS ⁸ (tamper proof screws)
			224W (2x24 T5HO)		TM ⁵ (trunnion mount)	TPB (tamper proof under driver bit)
			154W (1x54 T5HO)		JM ⁶ (junction mount)	EOS (external occupancy sensor)
			254W (2x54 T5HO)		MM (magnetic mount)	
			117W (1x17 T8)		PM (pivot mount)	
			217W (2x17 T8)			
			132W (1x32 T8)			
			232W (2x32 T8)			

NOTE 1: SA must specify input of 120V or 277V. SA only available for 4ft.
 NOTE 2: Consult factory for 347V (SA).
 NOTE 3: 480V available in AC only.
 NOTE 4: Specify length for AC: 50", 72", 150", 250" fully adjustable.
 NOTE 5: Specify length for SPK, SVLSPK, DPK, CH & TM options. CH length 48".

NOTE 6: JM option - the unit is no longer wet location, but damp location.
 NOTE 7: 2ft is frosted lens only. 4ft clear lens standard.
 NOTE 8: 18-8 stainless steel screws.

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

REFLECTOR: Dual parabolic (2-lamp versions) and single parabolic (1-lamp versions) high emission reflector. Vacuum metallized finish. Direct mount reflector configuration supports 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 Beghelli adaptor extenders.

MOUNTING: Surface mount configuration as standard. Additional mounting systems are available: including aviation cable (AC), single pendant kit (SPK), double pendant kit (DPK), swivel single pendant kit (SVLSPK), chain hang kit (CH), trunnion mount (TM), magnetic mount (MM), and pivot mount (PM). Suspension height is to be specified when ordering any suspension mount units: AC, SPK, DPK, SVLSPK, CH & TM. Junction mount (JM) configuration allows for direct mount to recessed 4" octagon junction box. 1" thick neoprene gasket provided. (no longer complies with IP66 wet location rating. Fixture will be suitable for damp environments only.

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).

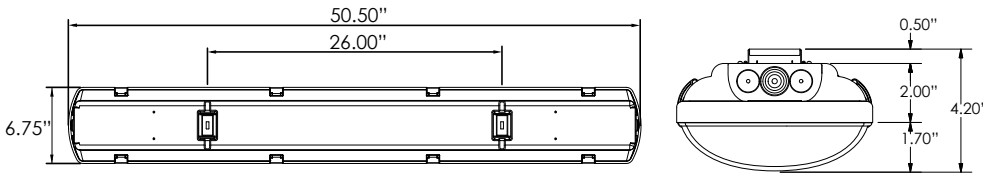
POWER LINE/FEED: 3-wire, solid type 18awg, pre-stripped 12" leads for quick in-field connection.

WEIGHT: 6.5 lbs. / 2.948 kilo.

SANITATION LISTED (SL): is equivalent to the NSF standard 2, meeting the rigorous sanitation, electrical safety and performance standards. The ILLUMINA® BS100 is ideal for use in food service equipment environments.

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

DIMENSIONS:



BS100T5HO-4-HT-254W-120/277V

Initial Lamp Lumens: 4450

Luminaire Efficiency: 84.5%

ANGLE	INTENSITY(CANDLEPOWER)			SUMMARY		OUTPUT LUMENS
	ALONG	22.5	45	67.5	ACROSS	
0	3332	3332	3332	3332	3332	
5	3343	3339	3345	3327	3314	323
10	3294	3287	3328	3347	3352	323
15	3202	3204	3316	3422	3411	933
20	3060	3077	3281	3379	3379	933
25	2899	2968	3169	3165	3103	1417
30	2715	2807	2961	3020	3109	1417
35	2507	2620	2746	2992	2995	1724
40	2255	2376	2611	2632	2652	1724
45	1956	2106	2197	2068	1937	1527
50	1518	1610	1431	826	482	1527
55	734	857	541	165	59	491
60	151	277	93	13	0	491
65	0	5	0	2	0	22
70	0	0	0	0	0	22
75	0	0	0	0	0	0
80	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	0

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

LUMINANCE SUMMARY

Angle°	ALONG	45	ACROSS
45°	10803	11653	13884
55°	9797	11897	11197
65°	8019	9485	7957
75°	5187	7163	8516
85°	1857	6091	11175

