

BS100LED STEALTH

TITLE 20 TITLE 24



ILLUMINA®

- The **ILLUMINA® BS100LED STEALTH** is corrosion, flame and vandal resistant
- **HOUSING:** 100% UV stabilized polycarbonate, liquid silicone perimeter gasket with memory retention; Black housing with stainless steel clips is standard
- **DIFFUSER:** Frosted UV stabilized polycarbonate diffuser, for even light distribution and color stabilization
- **LUMEN:** VLO: 30W @ 4375 to 5208 lm
LO: 40W @ 5555 to 6627 lm
MO: 50W @ 6944 to 8284 lm
HO: 60W @ 8318 to 9946 lm
VHO: 70W 9714 to 11,589 lm
- **OPERATING TEMP:** HT (AC Only) -40°F to 104°F (-40°C to 40°C)
SA (AC & Emergency) 32°F to 104°F (0°C to 40°C)
- **POWER FACTOR:** Power Factor > 0.95
- **TOTAL HARMONIC DISTORTION (THD):** < 20%
- **WEIGHT:** 4FT: 10 lb (4.5 kg)



APPLICATION: The **BS100LED STEALTH** is ideal for various dark ceiling commercial applications including retail, industrial, parking garages, carpools, parking structures, warehouses, breezeways, canopies, schools, and much more. It can be installed both indoor and outdoor.

ORDERING INFORMATION

Example: BS100LED4 HT HO WT40 120-277V BLK SS

MODEL	LENGTH	OPERATION	OUTPUT	COLOR TEMP	INPUT	MOUNTING ¹	COLOR/CLIPS	OPTIONS	
BS100LED	4 (ft)	HT (AC only)	VLO ²	WT30 (3000K)	120-277V	blank (surface mount standard)	BLK SS	CRD ⁴ (black, 18AWG)	OS ^{7,8} (external occ sensor)
			SA ² (AC & EM)	LO	WT35 (3500K)			347-480V	(black housing with D (dali 2)
		SA (AC & Emergency)	MO	WT40 (4000K)		JM ³ (j-box mount)	stainless steel clips)	FA ⁵ (fully assembled)	SP (surge protection - 10KA)
			HO	WT50 (5000K)				FP (fuse protection - 3A)	TPS (tamper proof screws)
			VHO					IS ^{6,8} (internal occ sensor)	

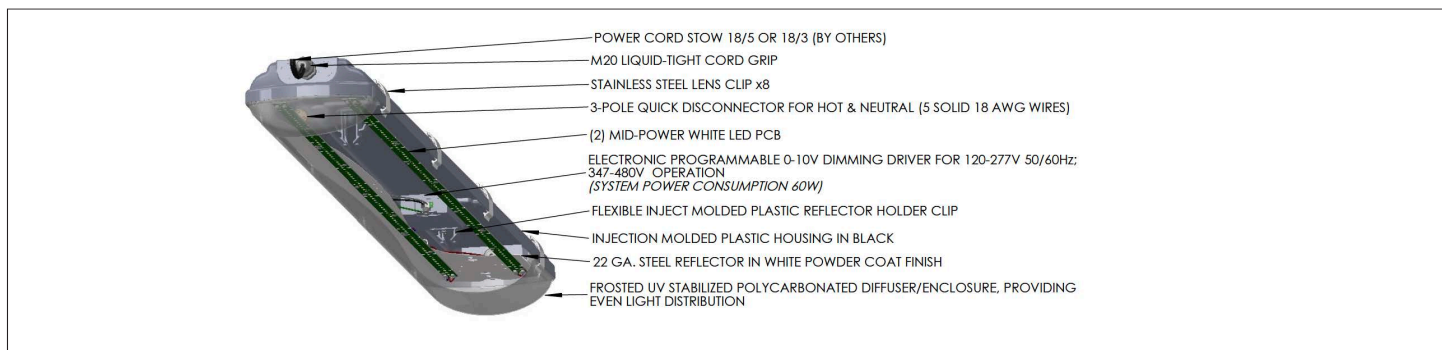
CONTROLS & ACCESSORIES

1PKxBBS04 ^{10,11} (single pendant kit, 4' fixture, black, x=length)	2CH48 ¹¹ (48" chain hang kit, field cuttable)	PM (pivot mount)
1SPKxBBS04 ^{10,11} (swivel single pendant kit, 4' fixture, black, x=length)	EMDCB ⁸ (BT wireless motion and lux sensor)	QMBWBS04 ¹³ (IP66 quick mount bracket, 4' fixture)
2PKxB ^{10,11} (double pendant kit, black, x=length)	HHRFSIR ⁹ (handheld remote for FSP221)	RLY ⁸ (wireless relay)
2SPKxB ^{10,11} (swivel double pendant kit, black, x=length)	MLM1 ⁸ (wireless motion and lux sensor)	SW1 ⁸ (single BT wireless switch)
2ACx ¹¹ (adjustable aircraft cable, x=length: 50=50", 72=72")	MM ¹² (magnet mount)	TM22BS04 ¹¹ (22" trunnion mount, 4' fixture)

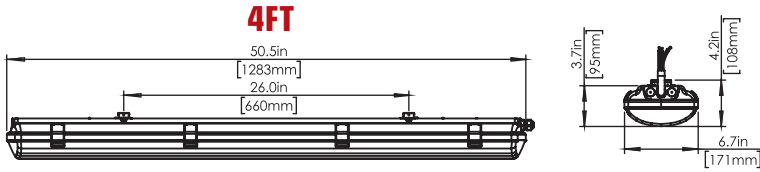
NOTE 1: Surface mount standard
 NOTE 2: Title 20 emergency pack; 120-277V; 10W/1573 lm
 NOTE 3: JM: direct j-box mount maintains fixture IP66 rating
 NOTE 4: Specify length for CRD, specify 3 or 5-conductor
 NOTE 5: Includes latches, grommets, etc. installed at the factory for quick installation
 NOTE 6: IS is std Beggelli sensor; FSP221, Magnum ISM1 and other sensors also available

NOTE 7: OS is std Beggelli sensor (Magnum OSM1, CRMB9, OSFSP221, SBOR and other sensors also available)
 NOTE 8: Beggelli offers wireless and powerless control solutions, contact factory for more details
 NOTE 9: Adjusts settings for FSP221 and OSFSP221
 NOTE 10: Standard pendant lengths "x" = 12 (12"), 24 (24") and 48 (48")
 NOTE 11: Consult factory for non-standard lengths
 NOTE 12: Magnetic mounts must be installed to steel beam measuring minimum 3/16" thick
 NOTE 13: Quick Mount bracket requires JM mount; FA option recommended for maximum labor savings

TECHNICAL INFORMATION



DIMENSIONS



MOUNTING OPTIONS & ACCESSORIES

<p>Surface Mount (standard)</p>	<p>Aviation Cable Kit (2AC50, 2AC72)</p>	<p>Chain Hang Kit (2CH48)</p>	<p>Double Pendant Kit (2PK12B, 2PK24B, 2PK48B)</p>	<p>J-Box & Quick Mount Bracket Mount (JM)</p> <p>J-box mount (damp location)</p>	<p>(JM w/ QMBWBS04)</p> <p>Quick mount bracket (wet location)</p>
<p>Magnet Mount Kit MM</p>	<p>Pivot Mount Kit PM</p>	<p>Single Pendant Kit (1PKxBBS04, x=12", 24", 48")</p>	<p>Single Double Pendant Kit (2SPK12B, 2SPK24B, 2SPK48B)</p>	<p>Swivel Single Pendant Kit (1SPKxBBS04, x=12", 24", 48")</p>	<p>Trunnion Mount Kit (TM22BS04)</p> <p>22" std size</p>

NOTE: When wall mounted, DAMP LOCATION LISTED

PHOTOMETRICS

BS100LED4HTHOWT40120-277V BLK

POLAR CURVES

ISOLINES

Characteristics

- Electronic driver
- LED 4000°K
- Lumens Per Lamp
- Total Lamp Lumens
- Luminaire Lumens
- Total Luminaire Efficiency
- Luminaire Efficacy Rating (LER)
- Total Luminaire Watts
- Ballast Factor
- CIE Type

N.A. (absolute)
N.A. (absolute)
9400
N.A.
157
60
1.00
Direct

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixt
0-20	1166.13	N.A.	12.40
0-30	2470.92	N.A.	26.30
0-40	4047.23	N.A.	43.10
0-60	7164.41	N.A.	76.20
0-80	8962.46	N.A.	95.30
0-90	9253.89	N.A.	98.40
10-90	8951.18	N.A.	95.20
20-40	2881.1	N.A.	30.60
20-50	4525.25	N.A.	48.10
40-70	4236.8	N.A.	45.10
60-80	1798.04	N.A.	19.10
70-80	678.43	N.A.	7.20
80-90	291.43	N.A.	3.10
90-110	129.39	N.A.	1.40
90-120	142.18	N.A.	1.50
90-130	145.78	N.A.	1.60
90-150	146.24	N.A.	1.60
90-180	146.24	N.A.	1.60
110-180	16.86	N.A.	0.20
0-180	9400.13	N.A.	100.00

Total Luminaire Efficiency = N.A.%

BS100LED STEALTH

ADDITIONAL INFORMATION

ENERGY CHART

MODEL	LENGTH	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS) TESTED	L70 (HRS) PROJECTED
BS100LED 4HT VLO WT30 120-277V BLK SS	4 ft	146 lm/W	30	4375	>80	>60,000	>100,000
BS100LED 4HT VLO WT40 120-277V BLK SS	4 ft	165 lm/W	30	4937	>80	>60,000	>100,000
BS100LED 4HT VLO WT50 120-277V BLK SS	4 ft	174 lm/W	30	5208	>80	>60,000	>100,000
BS100LED 4HT LO WT30 120-277V BLK SS	4 ft	139 lm/W	40	5555	>80	>60,000	>100,000
BS100LED 4HT LO WT40 120-277V BLK SS	4 ft	157 lm/W	40	6264	>80	>60,000	>100,000
BS100LED 4HT LO WT50 120-277V BLK SS	4 ft	166 lm/W	40	6627	>80	>60,000	>100,000
BS100LED 4HT MO WT30 120-277V BLK SS	4 ft	139 lm/W	50	6944	>80	>60,000	>100,000
BS100LED 4HT MO WT40 120-277V BLK SS	4 ft	157 lm/W	50	7831	>80	>60,000	>100,000
BS100LED 4HT MO WT50 120-277V BLK SS	4 ft	166 lm/W	50	8284	>80	>60,000	>100,000
BS100LED 4HT HO WT30 120-277V BLK SS	4 ft	139 lm/W	60	8318	>80	>60,000	>100,000
BS100LED 4HT HO WT40 120-277V BLK SS	4 ft	157 lm/W	60	9400	>80	>60,000	>100,000
BS100LED 4HT HO WT50 120-277V BLK SS	4 ft	166 lm/W	60	9946	>80	>60,000	>100,000
BS100LED 4HT VHO WT30 120-277V BLK SS	4 ft	139 lm/W	70	9714	>80	>60,000	>100,000
BS100LED 4HT VHO WT40 120-277V BLK SS	4 ft	157 lm/W	70	10955	>80	>60,000	>100,000
BS100LED 4HT VHO WT50 120-277V BLK SS	4 ft	166 lm/W	70	11589	>80	>60,000	>100,000

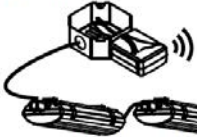




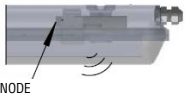




ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE		FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120 V	277 V			
BS100LED 4HT VLO	30	0.26	0.11	50/60	45	600
BS100LED 4HT LO	40	0.34	0.15	50/60	45	800
BS100LED 4HT MO	50	0.43	0.18	50/60	45	1000
BS100LED 4HT HO	60	0.51	0.22	50/60	45	1200
BS100LED 4HT VHO	70	0.59	0.26	50/60	45	1400

DIMMER COMPATIBILITY

DIMMER	COMPATABILITY	
	ON/OFF	DIMMING
LEVITON - AWRMG-7	YES	YES
LUTRON - DIVE - DVSTV	YES	YES
LUTRON - DIVE - DVTV	YES	YES
WATT STOPPER - DCLV1	YES	YES

BEGHELLI LIGHTING CONTROL SOLUTIONS

DAISY CHAIN FIXTURES (RELAY)			EXTERNAL NODE & SENSOR (OS)	
<p>RLY* Wireless Relay (Damp Location)</p>  <p>Max range: 100ft Max fixtures: 20</p>	<p>EMDCB* Remote Sensor (Damp Location)</p> 	<p>SW1* Single Switch (Damp Location)</p> 	<p>OS (Beghelli standard) (Wet Location)</p> <p>(EXTERNAL)</p>  <p>External occ sensor options: OSM1*, SBOR, CRMB9, OSFSP221, etc.</p>	<p>SW1* Single Switch (Damp Location)</p> 
INTEGRATED NODE (NOD)			INTEGRATED NODE & SENSOR (IS)	
<p>NOD* Node</p>  <p>NODE</p>	<p>EMDCB* Remote Sensor (Damp Location)</p> 	<p>SW1* Single Switch (Damp Location)</p> 	<p>IS (Beghelli standard) (Wet Location)</p> <p>Mounted on lens</p>  <p>Internal occ sensor options: ISM1*, FSP221, etc.</p>	<p>SW1* Single Switch (Damp Location)</p> 

* Magnum control options also available (RLYM1 relay, MLM1 sensor, SW1M1 switch, NODM1 node and ISM1 and OSM1 sensors)

❖ Beghelli offers standard wired and wireless control solutions. Beghelli fixtures are compatible with most control solutions available in the market, consult factory for more details.

■ **WARRANTY:** 5 years, see website for full warranty details