

Type: _____

Project: _____

ACCIAIO® 910

TITLE 20
TITLE 24


BX910LED

- **ACCIAIO® BX910LED** is an industrial grade vapor tight solution that features easily upgradeable technology, convenient installation and robust design that is ideal for most commercial and light industrial applications.
- **HOUSING:** 24 gauge steel housing or optional 24 gauge stainless steel housing, zinc enriched polyester powder coat in gray (RAL7040). Die-cast aluminum end caps.
- **DIFFUSER:** 4mm impact resistant frosted polycarbonate lens sealed with a silicone gasket optimizes ingress protection and achieves UGR <20
- **LUMENS:**

2FT	4FT
LO: 2600 to 2700 lm	LO: 4100 to 4400 lm
HO: 3900 to 4100 lm	HO: 6900 to 7300 lm
	VHO: 8300 to 8800 lm
- **OPERATING TEMP:**
 - HT (AC Only) -40°C to 50°C (-40°F to 122°F)
 - SA (AC & EM) 0°C to 35°C (32°F to 95°F)
- **WEIGHT:**
 - 2FT: 5 lbs / 2.27 kg
 - 4FT: 10 lbs / 4.54 kg



- **APPLICATION:** The **ACCIAIO® BX910LED** is a versatile luminaire ideal for a wide range of applications including: warehouses, parking decks, breezeways, canopies, service corridors, loading docks, farms, car washes and pool areas.
- **INTERNAL:** 0-10V dimming driver (1% - 100%), 120-277V or 347V input. Dual mid-power white LED, >80CRI. All components mounted to 24 gauge steel housing with white powder coat finish. Removable gear tray allows for convenient service & ability to upgrade performance.

ORDERING INFORMATION

MODEL	LENGTH	OPERATION	OUTPUT	COLOR TEMP	INPUT	LENS	MOUNTING	OPTIONS ⁵
BX910LED	2 (ft)	HT (AC only)	LO	WT30 (3000K)	120-277V	PC	blank (surface mount std)	BAA (made in America)
	4 (ft)	SA ¹ (AC & EM)	HO	WT40 (4000K)	347-480V	(polycarbonate)	CRM ³	EM ⁴ (field installation remote mounted)
			VHO ²	WT50 (5000K)			(continuous row mount)	FP (fuse protection - 3A)
							RM ³ (row mount)	NOD ⁶ (integrated node)
CONTROLS & ACCESSORIES								OS ^{6,7} (external occupancy sensor)
2ACx ⁸ (adjustable aviation cable, x=length: 50=50", 72=72")				HHRFSIR ⁹ (remote for FSP221)		SBXS (seismic bracket)		SP (surge protection - 10KA)
2CH48 ⁸ (48" chain hang kit, field cuttable)				MLM1 ⁶ (wireless motion and lux sensor)		SW1 ⁶ (single BT rocker wall switch)		SS ¹⁰ (stainless steel)
EMDCB ⁶ (BT wireless motion & lux sensor)				PM (aimable pivot mount)		TM22BX ⁸ (22" trunnion mount)		WHT (white housing)
				RLY ⁶ (wireless relay)				

NOTE 1: Integrated Emergency Pack; T20, 120-277V; 10W, 1368 (2ft) + 1461 (4ft) lumens.

NOTE 2: VHO only available for 4ft.

NOTE 3: Maximum run distance 100ft, only for chain & aircraft cable

NOTE 4: Field Installation Emergency Pack: T20, 120-277V, 10W, 1305 lumens

NOTE 5: Gray housing is standard

NOTE 6: Beghelli offers wireless & powerless control solutions, contact factory for more details

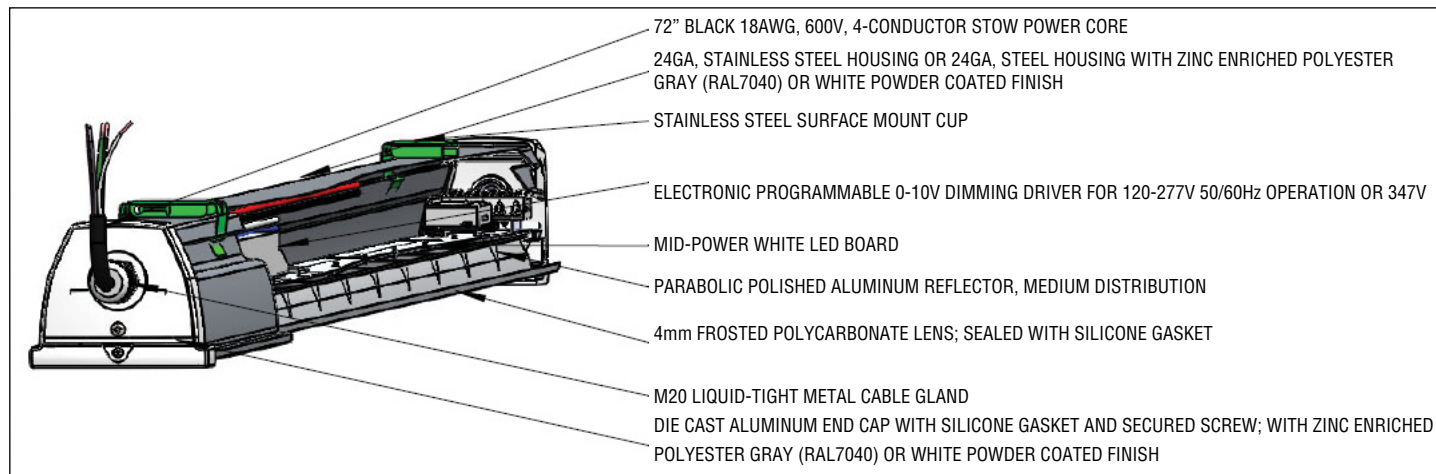
NOTE 7: OS is std Beghelli sensor (Magnum OSM1, CRMB9, OSFSP221, SBOR & other sensors also available)

NOTE 8: Consult factory for non-standard lengths

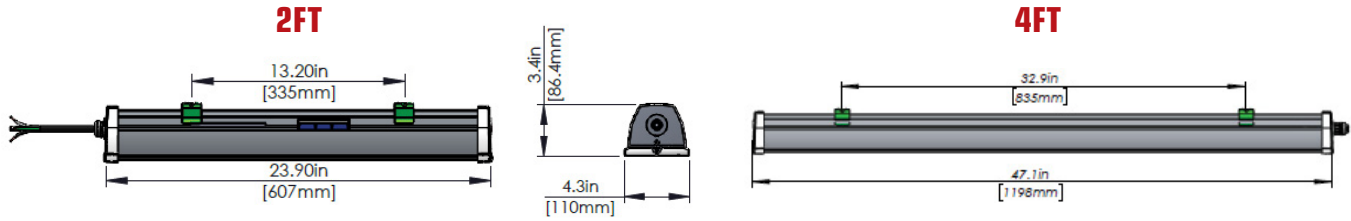
NOTE 9: OSFSP221 requires HHRFSIR handheld remote accessory

NOTE 10: 4' only (limited inventory)

TECHNICAL INFORMATION

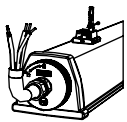


DIMENSIONS

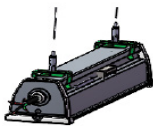


MOUNTING OPTIONS

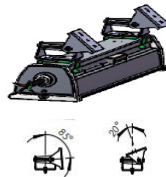
SURFACE MOUNTING (Standard) (hardware by others)



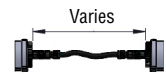
Aviation Cable Kit (2AC50, 2AC72)



Pivot Mount (PM)

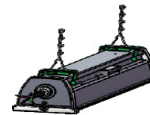


Row Mount (RM)

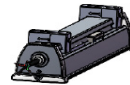


(Max. run distance 100ft)
(Only for chain & aircraft cable)

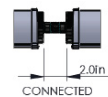
Chain Hang Kit (2CH48)



Seismic Bracket (SBXS)

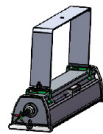


Continuous Row Mount (CRM)



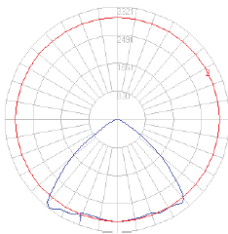
(Max. run distance 100ft)
(Only for chain & aircraft cable)

Trunnion Mount 22" standard offering (TM22BX)



PHOTOMETRICS

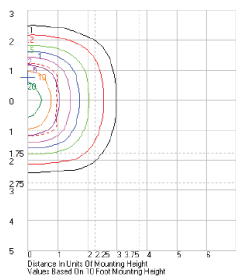
BX910LED 4HT HO WT40 120-277V POLAR CURVES



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

N.A. (absolute)
N.A. (absolute)
7312
N.A.
146
50
1.00

ISOLINES

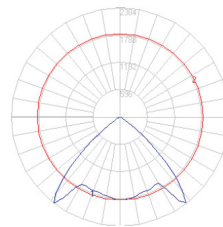


Zonal Lumen Summary

Zone	Lumen	%Lamp	%FtCt
0-20	1103.29	N.A.	15.10
0-30	2363.57	N.A.	32.30
0-40	3937.42	N.A.	53.80
0-60	8597.59	N.A.	96.20
0-80	7284.31	N.A.	99.60
0-90	7312.25	N.A.	100.00
10-90	7027.5	N.A.	96.10
20-40	2834.13	N.A.	38.80
20-50	4419.24	N.A.	60.40
40-70	3167.71	N.A.	43.30
60-80	686.82	N.A.	9.40
70-80	175.18	N.A.	2.50
80-90	27.94	N.A.	0.40
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	7312.25	N.A.	100.00

Total Luminaire Efficiency = N.A. %

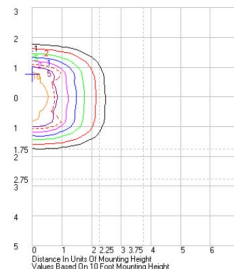
BX910LED 2HT HO WT40 120-277V POLAR CURVES



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)
4108
N.A.
137
30
1.00
Direct

ISOLINES



Zonal Lumen Summary

Zone	Lumens	%Lamp	%FtCt
0-20	659.24	N.A.	16.00
0-30	1387.88	N.A.	33.80
0-40	2334.87	N.A.	56.80
0-60	3878.7	N.A.	94.40
0-80	4104.11	N.A.	99.90
0-90	4107.94	N.A.	100.00
10-90	3936.86	N.A.	95.80
20-40	1675.62	N.A.	40.80
20-50	2672.63	N.A.	65.10
40-70	1725.36	N.A.	42.00
60-80	225.41	N.A.	5.50
70-80	43.88	N.A.	1.10
80-90	3.83	N.A.	0.10
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4107.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ACCIAIO® BX910LED

ENERGY CHART

MODEL	LENGTH	EFFICACY	CONSUMPTION WATTAGE	LUMEN OUTPUT	CRI	L70 (HRS)	L80 (HRS)
2FT							
BX910LED 2HT LO WT30 120-277V	2 ft	138 lm/W	20	2585	>80	>100,000	>50,000
BX910LED 2HT LO WT40 120-277V	2 ft	146 lm/W	20	2736	>80	>100,000	>50,000
BX910LED 2HT LO WT50 120-277V	2 ft	146 lm/W	20	2736	>80	>100,000	>50,000
BX910LED 2HT HO WT30 120-277V	2 ft	129 lm/W	30	3878	>80	>100,000	>50,000
BX910LED 2HT HO WT40 120-277V	2 ft	137 lm/W	30	4108	>80	>100,000	>50,000
BX910LED 2HT HO WT50 120-277V	2 ft	137 lm/W	30	4108	>80	>100,000	>50,000
4FT							
BX910LED 4HT LO WT30 120-277V	4 ft	125 lm/W	30	4139	>80	>100,000	>50,000
BX910LED 4HT LO WT40 120-277V	4 ft	135 lm/W	30	4383	>80	>100,000	>50,000
BX910LED 4HT LO WT50 120-277V	4 ft	143 lm/W	30	4383	>80	>100,000	>50,000
BX910LED 4HT HO WT30 120-277V	4 ft	138 lm/W	50	6901	>80	>100,000	>50,000
BX910LED 4HT HO WT40 120-277V	4 ft	146 lm/W	50	7312	>80	>100,000	>50,000
BX910LED 4HT HO WT50 120-277V	4 ft	146 lm/W	50	7312	>80	>100,000	>50,000
BX910LED 4HT VHO WT30 120-277V	4 ft	138 lm/W	60	8286	>80	>100,000	>50,000
BX910LED 4HT VHO WT40 120-277V	4 ft	146 lm/W	60	8773	>80	>100,000	>50,000
BX910LED 4HT VHO WT50 120-277V	4 ft	146 lm/W	60	8773	>80	>100,000	>50,000

ELECTRICAL RATING

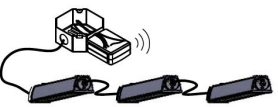
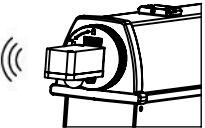
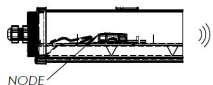
PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE				FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120V	277V	347V	480V			
2FT								
BX910LED 2HT LO	20	0.17	0.07	0.06	0.04	50/60	33	550
BX910LED 2HT HO	30	0.26	0.11	0.09	0.06	50/60	33	850
4FT								
BX910LED 4HT LO	30	0.26	0.11	0.09	0.06	50/60	36	700
BX910LED 4HT HO	50	0.43	0.18	0.15	0.11	50/60	36	1200
BX910LED 4HT VHO	60	0.51	0.22	0.18	0.13	50/60	36	1400

DIMMER COMPATIBILITY

DIMMER	COMPATABILITY	
	ON/OFF	DIMMING
2FT		
LEVITON - AWRMG-7	YES	YES
LUTRON - DIVE - DVSTV	YES	YES
LUTRON - DIVE - DVTV	YES	YES
WATT STOPPER - DCLV1	YES	YES
4FT		
LEVITON - AWRMG-7	YES	YES
LUTRON - DIVE - DVSTV	YES	YES
LUTRON - DIVE - DVTV	YES	YES
WATT STOPPER - DCLV1	YES	YES

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

BEGHELLI LIGHTING CONTROL SOLUTIONS

DAISY CHAIN FIXTURES (RELAY)			EXTERNAL NODE & SENSOR (OS)	
RLY* Wireless Relay (Damp Location)	EMDCB* Remote Sensor (Damp Location)	SW1* Single Switch (Damp Location)	OS (Beghelli Standard) (Wet Location)	SW1* Single Switch (Damp Location)
 Max range: 100 ft Max fixtures: 21			 (EXTERNAL KNOCKOUT)	 External occ sensor options: OSM1* sensor, MLM1 sensor, etc.)
INTEGRATED NODE (NOD)				
NOD* Node	EMDCB* Remote Sensor (Damp Location)	SW1* Single Switch (Damp Location)		
 NODE			*Magnum control options are also available (NODM1 node, OSM1 sensor, MLM1, RLYM1 relay, SW1M1 switch) **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.	