

# ACCIAIO® BX920

LINEAR LED

Type: \_\_\_\_\_

Project: \_\_\_\_\_

**Delivered Lumens:**  
6,912 lm to 11,704 lm

**Input Wattage:**  
50W & 80W

**Efficacy:**  
Up to 146 lm/W

**Colour Temperatures:**  
3000K, 4000K, 5000K

**Projected Lumen Maintenance:**  
L<sub>70</sub> @ >100,000 hrs.

24 ga. sheet steel housing with white powder coat finish



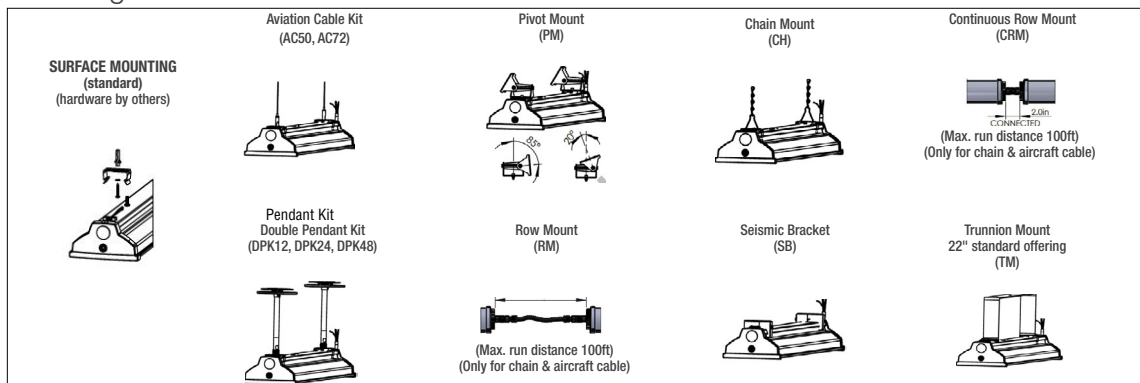
The **ACCIAIO®LED BX920** is a NEMA 4X / IP66 rated luminaire. The impact resistant design and LED performance make the **ACCIAIO®LED BX920** ideal for use in: warehouses, parking decks, food preparation areas, breezeways, stairwells, canopies, service corridors, loading docks and farms.

## Configurations

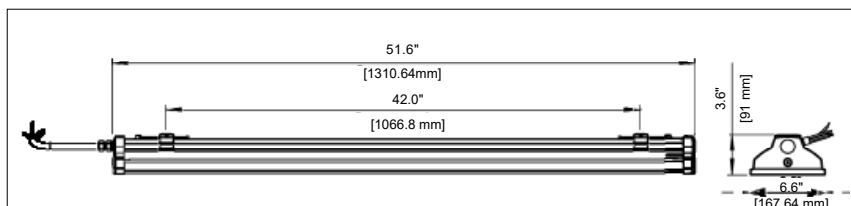
MODEL	LENGTH	OPERATION	POWER	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BX920LED	4 (4ft)	HT (AC only)	LO	WT30 (3000K)	120-277V	[BLANK] (surface mount - std.)	WHT (white housing - Standard)
		<sup>1</sup> SA(EM Backup)	HO	WT40 (4000K)	347-480V	<sup>2</sup> AC (aircraft cable)	FP (3A fuse protection)
				WT50 (5000K)		PM (aimable pivot mount)	SP (10kA surge protector)
						<sup>3</sup> CH (Chain Mount)	<sup>6</sup> OS (external occupancy sensor)
						<sup>4</sup> DPK (double pendant kit)	
						<sup>5</sup> CRM (continuous row mount)	
						<sup>5</sup> RM (row mount)	
						SB (seismic bracket)	
						TM (tunnion mount)	

**NOTE<sup>1</sup>:** SA is a field Installation Emergency Pack T20, available with 120-277V only, 10W, 1305 lm; **NOTE<sup>2</sup>:** Specify length for AC: 50", 72" fully adjustable; **NOTE<sup>3</sup>:** only available in 48", field adjustable; **NOTE<sup>4</sup>:** only available in 12", 24" and 48"; **NOTE<sup>5</sup>:** Maximum run distance 100 ft, only for chain and aircraft cable; **NOTE<sup>6</sup>:** OS is a standard sensor (Magnum OSM1, CRMB9, OSFSP221, SBOR & other sensors also available)

## Mounting



## Dimensions



## Acciaio® BX920 accessories

ORDER CODE	DESCRIPTION
50001053	Adjustable Aviation Cable 50"
AC72	Adjustable Aviation Cable 72"
CH	48" Chain hang kit, field adjustable
DPK12	12" double pendant Kit
DPK24	24" double pendant Kit
DPK48	48" double pendant Kit
50001032	pivot/tilting mount brackets
SB	seismic bracket
TM	22" trunnion mount

Acciaio® BX920LED

**HOUSING:**

24 ga steel housing in white powder coat finish. Impact resistant 4mm frosted polycarbonate diffuser with pressed silicone gasket is integrated into the housing for optimal ingress protection.

**DIMMING:**

0-10V dimming is standard (1-100%) (compatible with most dimming systems, contact factory for more information).

**ELECTRICAL:**

120V-277V, 347-480V; 50-60HZ. Colour Temperature: 3000K, 4000K & 5000K.

**MOUNTING:**

Surface mount standard. Additional mounting options: AC (aviation cable), PM (pivot mount), CRM (continuous row mount), RM (row mount), CH (chain hook kit), DPK (double pendant kit), SB (seismic bracket) and TM (trunnion mount).

**OPERATING TEMPERATURE:**

HT: -40°C to 40°C  
SA: 0°C to 35°C

**EMERGENCY BACKUP (SA):**

Emergency backup with LED driver provides 1463 lumens for 90 minutes

**SANITATION LISTED:**

Equivalent to the NSF standard 2. The ACCIAIO® LED is suitable for use in food equipment environments.

**AC POWER CONNECTION:**

72" black, 18AWG, 600V, 5-conductor cord. For non-dimming 3 conductor contact factory.

**WEIGHT:**

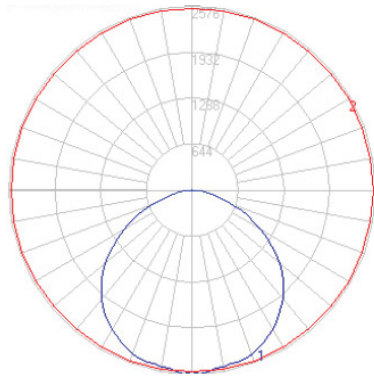
17lbs./7.7kg.

**WARRANTY:**

5 year warranty, see website for full warranty details.

**BX920LED-4HT-LO-WT40-120-277V**

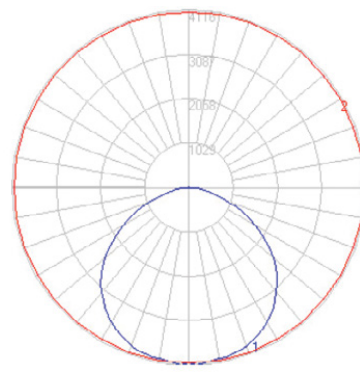
Luminous Intensity Distribution

**Zonal Lumen Summary**

ZONE	LUMENS	% LUMINAIRE
0-20	946	13%
0-30	2034	28%
0-40	3365	46%
0-60	5975	82%
0-80	7247	99%
0-90	7317	100%
10-90	7075	97%
20-40	2419	33%
20-50	3809	52%
40-70	3472	48%
60-80	1272	17%
70-80	410	6%
80-90	70	1%
90-110	0	0%
90-120	0	0%
90-130	0	0%
90-150	0	0%
90-180	0	0%
110-180	0	0%
0-180	7317	100%

**BX920LED-4HT-HO-WT40-120-277V**

Luminous Intensity Distribution

**Zonal Lumen Summary**

ZONE	LUMENS	% LUMINAIRE
0-20	1516	13%
0-30	3256	28%
0-40	5387	46%
0-60	9559	82%
0-80	11592	99%
0-90	11704	100%
10-90	11316	97%
20-40	3872	33%
20-50	6095	52%
40-70	5549	47%
60-80	2033	17%
70-80	656	6%
80-90	112	1%
90-110	0	0%
90-120	0	0%
90-130	0	0%
90-150	0	0%
90-180	0	0%
110-180	0	0%
0-180	11704	100%

**Energy Chart**

MODEL	LENGHT	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	REPORTED L <sub>70</sub> (HOURS)
BX920LED-4HT-LO-WT40-120-277V	4 ft	138 lm/W	50	6912-7317	>80	>100,000
BX920LED-4HT-HO-WT40-120-277V	4 ft	146 lm/W	80	11065-11704	>80	>100,000

**Emergency Mode**

MODEL	WATTAGE	LUMEN OUTPUT	CRI
BX920LED-4-SA-XX-WT**120-277V	10	1134	>80

Acciaio® BX920LED

PHOTOMETRIC DATA