

# ACCIAIO® BX965



## VAPOR TIGHT

- **ACCIAIO BX965** is an industrial grade vapor tight solution for high temperature applications up to 65°C. It features easily upgradeable technology, convenient installation with a robust, high abuse, architectural design.
- **HOUSING:** 4' Extruded aluminum housing (3.5mm) in a clear anodized finish, with die-cast aluminum end caps and 316 stainless steel external hardware; Tamper proof hardware option provides added layer of vandal resistance
- **DIFFUSER:** 4mm impact resistant frosted polycarbonate lens sealed with a silicone gasket optimizes ingress protection and achieves UGR <26.3
- **LUMENS:** LO: 3746 to 4027 lm @ 30W  
HO: 6244 to 6712 lm @ 50W
- **OPERATING TEMP:**
  - HT (AC Only) -40°C to 65°C (-40°F to 149°F)
  - SA (AC & EM) 0°C to 50°C (32°F to 122°F)



- **APPLICATION:** The **ACCIAIO BX965** is a heavy duty, high abuse, high temperature luminaire with an architectural look ideal for a wide range of applications including: foundries, steel mills, off-shore rigs, tunnels, mines, farms, bottling & food processing facilities, car washes and pool areas.
- **INPUT:** 0-10V dimming driver (10% - 100%), 120-277V, 50/ 60Hz; Optional 347-480V
- **LEDs:** Mid-power, 3000K/ 4000K/ 5000K, > 80 CRI, L70 > 72K
- **MAINTAINABILITY:** Removable gear tray allows for convenient servicing & ability to upgrade performance

## ORDERING INFORMATION

MODEL	LENGTH	OPERATION	OUTPUT	CCT	OPTIONS	
BX965	4 (ft)	HT (AC only)	LO	3K (3000K)	CR <sup>2</sup> (continuous row mount)	OS <sup>3,4</sup> (external occupancy sensor)
		SA <sup>1</sup> (AC & EM)	HO	4K (4000K)	FP (fuse protection - 3A)	RW <sup>2</sup> (row mount)
				5K (5000K)	HV (347-480V)	SP (surge protection - 10KA)
					NOD <sup>3</sup> (integrated node)	TP (tamper proof hardware)

## CONTROLS & ACCESSORIES

2ACx <sup>5</sup> (adjustable aircraft cable, x=50",72")	2SPKxW <sup>5</sup> (white swivel pendant kit, x=12",24",48")	MLM1 <sup>3</sup> (wireless motion and lux sensor)	SW1 <sup>3</sup> (single BT rocker wall switch)
2CH48EYE <sup>5</sup> (48" chain hang kit, field cuttable)	EMDCB <sup>3</sup> (BT wireless motion & lux sensor)	PM (aimable pivot mount)	TM22BS04 <sup>5</sup> (22" trunnion mount)
2PKxW <sup>5</sup> (white pendant kit, x=12",24",48")	HHRFSIR <sup>6</sup> (remote for OSFSP221)	RLY <sup>3</sup> (wireless relay)	

NOTE 1: Integrated emergency pack; T20, 120-277V; 10W, 1340 lm @ 4000K CCT

NOTE 2: Maximum run distance varies, only for chain & aircraft cable. Refer to Beghelli Row Mount Guide

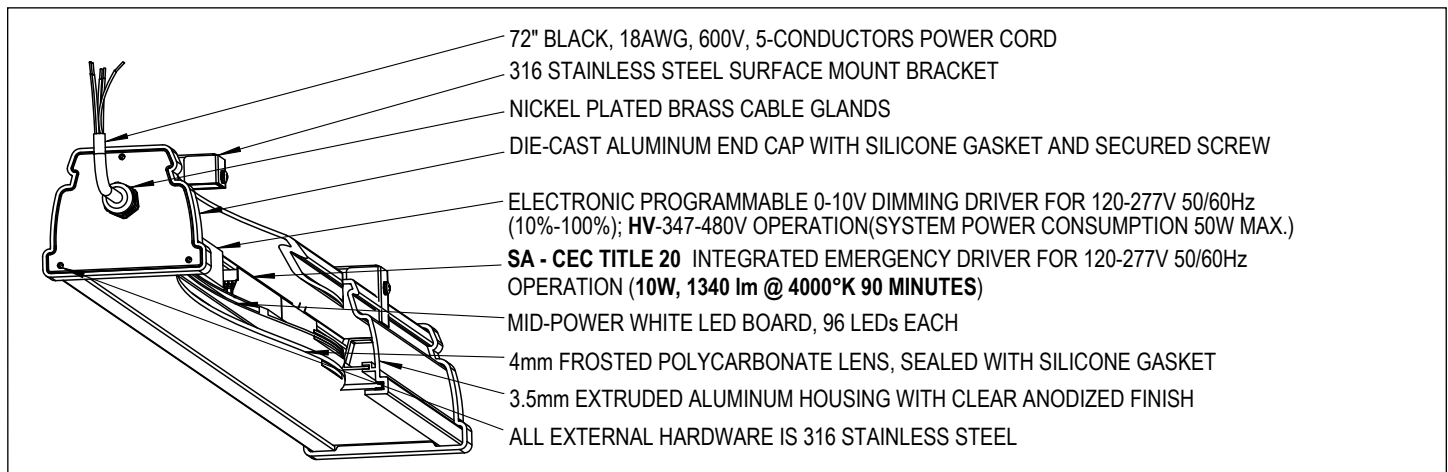
NOTE 3: Beghelli offers wireless & powerless control solutions, contact factory for more details

NOTE 4: OS is std Beghelli sensor (Magnum OSM1, CRMB9, OSFSP221, SBOR & other sensors also available)

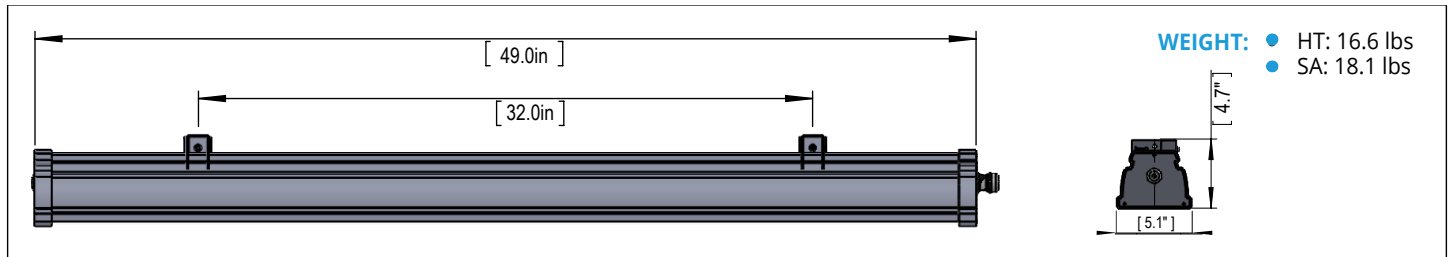
NOTE 5: Consult factory for non-standard lengths

NOTE 6: OSFSP221 requires HHRFSIR handheld remote accessory to change factory settings

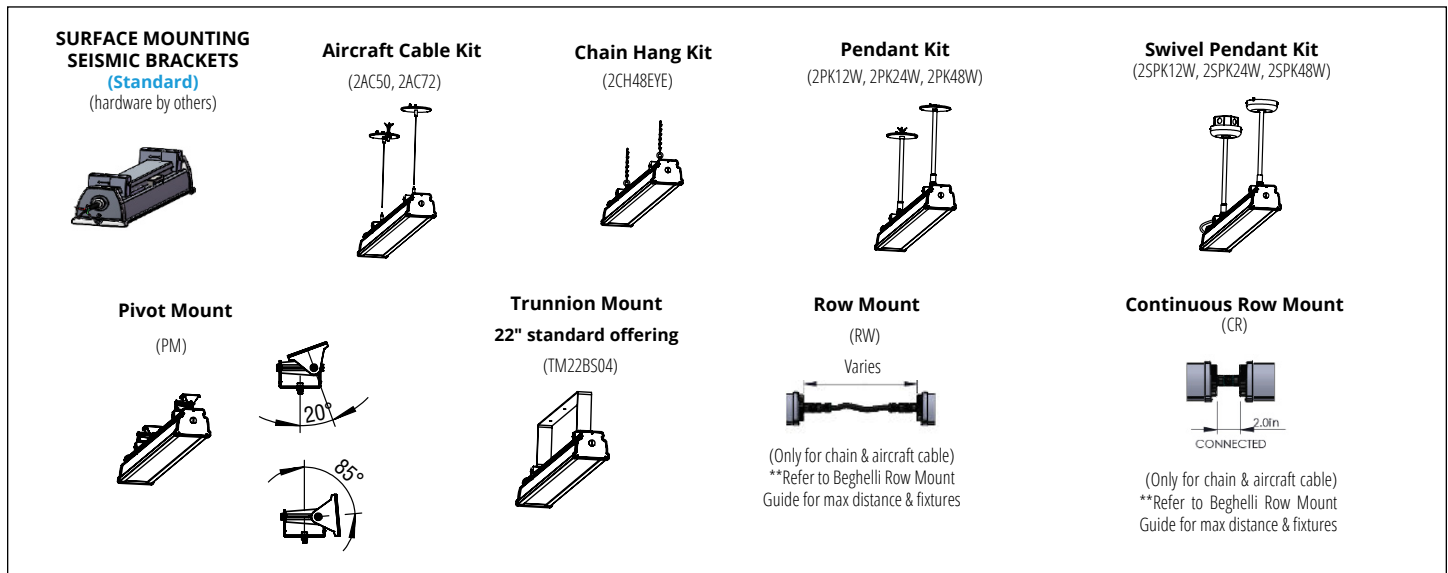
## TECHNICAL INFORMATION



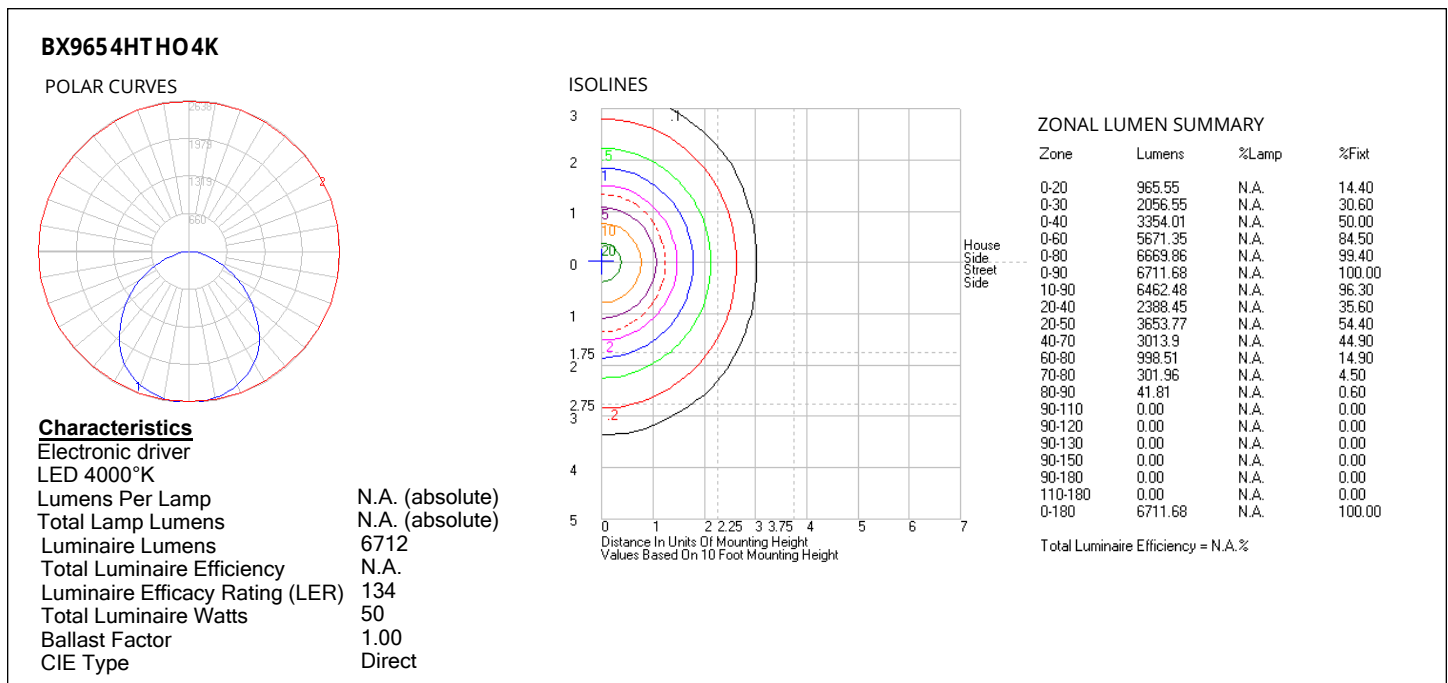
## DIMENSIONS



## MOUNTING OPTIONS



## PHOTOMETRICS



# ACCIAIO® BX965

## ENERGY CHART

MODEL	POWER	COLOR TEMP	LUMEN OUTPUT	EFFICACY	VERTICAL BEAM ANGLE	HORIZONTAL BEAM ANGLE	UGR
BX9654HTLO3K	30	3000	3746	125	106.2	101.8	24.3
BX9654HTLO4K	30	4000	4027	134	106.2	101.8	24.5
BX9654HTLO5K	30	5000	3934	131	106.2	101.8	24.5
BX9654HTHO3K	50	3000	6244	125	106.2	101.8	26.1
BX9654HTHO4K	50	4000	6712	134	106.2	101.8	26.3
BX9654HTHO5K	50	5000	6556	131	106.2	101.8	26.2

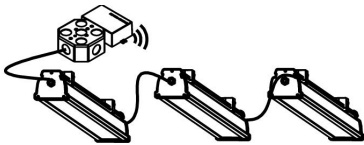







## ELECTRICAL RATING

PRODUCT	NOMINAL POWER (W)	AC CURRENT (A) AC VOLTAGE				FREQUENCY (HZ)	DC VOLTAGE (V)	DC CURRENT (MA)
		120V	277V	347V	480V			
BX965 4HT LO	30	0.26	0.11	0.09	0.06	50/60	45	600
BX965 4HT HO	50	0.43	0.18	0.15	0.11	50/60	45	1000

## 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)	
<b>RLY*</b> Wireless Relay (Damp Location) 	<b>EMDCB*</b> Remote Sensor (Damp Location) 	<b>SW1*</b> Single Switch (Damp Location) 	<b>OS (Beghelli Standard)</b> (Wet Location) 	<b>SW1*</b> Single Switch (Damp Location) 
External occ sensor options: OSB, OSBC, OSFSP221, OSM1*, etc.)				
INTEGRATED NODE (NOD)			<p>*Magnum control options are also available (NODM1 node, OSM1 sensor, MLM1, RLYM1 relay, SW1M1 switch)</p> <p>**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.</p>	
<b>NOD*</b> Node 	<b>EMDCB*</b> Remote Sensor (Damp Location) 	<b>SW1*</b> Single Switch (Damp Location) 		

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