BASELINE
BY LUMECON

PROJECT NAME: _____

CATALOG #: _____

NOTES: _____

DATE: _____

BLS-VTLS
VAPOR TIGHT LINEAR SERIES

The BLS-VTLS Vapor Tight fixture is built to endure challenging environments and comes in both 4-foot and 8-foot sizes. Its housing is crafted from high-quality, pure PC material, ensuring outstanding stability and durability. Additionally, it features a stainless steel clip for effortless assembly and installation. This fixture offers the convenience of lumens adjustment and color temperature customization within a single unit, thereby significantly reducing the need for various product variants. Optional features like Emergency Battery Back Up and sensors are also available.

SPECIFICATIONS FEATURES

Construction:
- Closed housing is ealed against moisture and environmental contaminants.
- Stainless steel clamp design, convenient assembly and separation of lamp body.
- 4 feet and 8 feet are available.

Optics:
- Up to 90W output 12800 lumens
- Adjustable lumen output with three lumen gears
- Switchable color temperature 3500K/4000K/5000K

Electrical:
- Universal 120-277 VAC input voltage
- Auxiliary 12V output.
- 0-10V dimming standard for a dimming range of 100% to 10%.
- THD: ≤20%
- Power Factor: ≥90%
- Operating Temperature Range: -30°C to 50°C

Controls:
- Optional Motion sensor
- Optional Emergency Battery

Lifespan:
- Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

Warranty:
- 5 Year limited warranty

Certification:
- UL cUL wet location listed
- NEMA4X approved

Mount:
- Suspension and surface mount option

IP:
- IP65 & IK08

NOTE- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25˚C(±5˚C) specifications subject to change without notice.
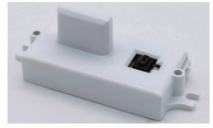
ORDERING GUIDE

SAMPLE: BLS-VTLS-50-1-DDK-WH-M-BB-F

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MODEL	WATTAGE	VOLTAGE	CCT	FINISH	SENSOR	EMERGENCY BATTERY	LENS	INTERNAL CODE
BLS-VTLS	**50** 50W **90** 90W	**1** 120-277V	**DDK** Adjustable Color Temperature	**WH** White	**M** Motion Sensor **BLANK** Without Motion Sensor	**BB** Battery Back-Up **BLANK** Without Battery Backup	**F** Frosted	**Blank** **Alphanumeric**

ACCESSORIES

|		
Mounting Bracket (Default)	Emergency Battery 8W 900lm 90min (Sold separately)	Microwave Sensor NO.: HD027VCR Description: 12VDC input (Sold separately)
Chain Description: 30cm long (Default)	Hardware bag (Default)	Aircraft Cable Description: 3m long (Sold separately)

DIMENSIONS

50W — 1200.5mm(47.3in) — 127.03mm(5.0in) — 93.8mm(3.7in)

Net Weight:
50W: 2.75kg(6.06lbs)
90W: 5.9kg(13lbs)

90W — 2400mm(94.5in) — 122.24mm (4.81in) — 93.8mm(3.7in)
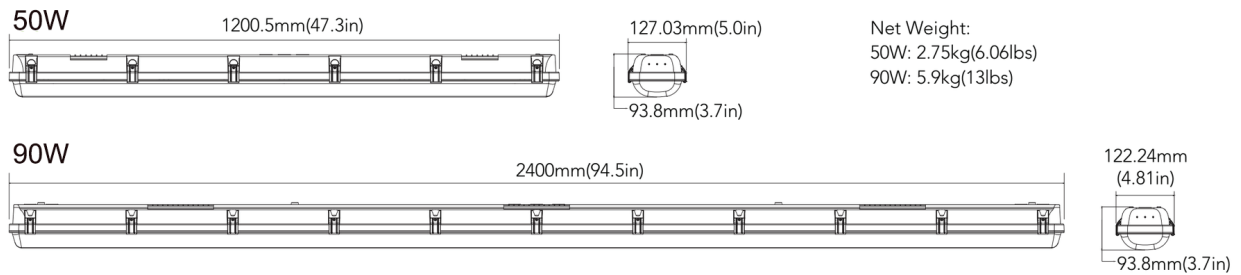
CCT AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output and color temperature on-site
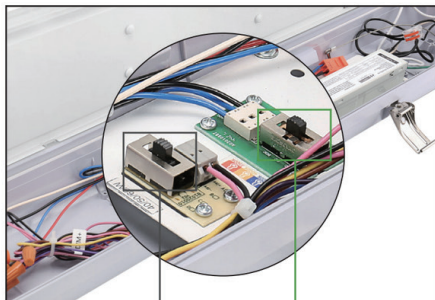
WATTAGE SELECT

LV1   LV2   LV3

Each model supports 3 positions wattage regulation：
LV1, LV2, LV3

CCT SELECT

3500K   4000K   5000K

Offer three CCT adjustable (3500K, 4000K, 5000K).

PERFORMANCE DATA

50W 4FT							
SETTING	SYSTEM WATTS	3500K		4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
LV1	50W	6700lm	134 lm/W	7100lm	142 lm/W	6900lm	138 lm/W
LV2	35W	4780lm	137 lm/W	5100lm	146 lm/W	4900lm	140 lm/W
LV3	25W	3500lm	140 lm/W	3800lm	152 lm/W	3560lm	142 lm/W

90W 8FT							
SETTING	SYSTEM WATTS	3500K		4000K		5000K	
		LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)	LUMENS (80CRI)	LPW (80CRI)
LV1	90W	12200lm	136 lm/W	12800lm	142 lm/W	12500lm	139 lm/W
LV2	75W	10300lm	137 lm/W	10800lm	144 lm/W	10500lm	140 lm/W
LV3	60W	8300lm	138 lm/W	8800lm	147 lm/W	8500lm	142 lm/W