

Vapor Tight – VTLS4

4' Slim Vapor Tight Luminaires



MECHANICAL

- Gasketed polycarbonate housing
- Stainless steel latches
- Stainless steel mounting brackets

OPTICAL

- 82 CRI (nom) 3500K, 4000K, 5000K
- Three CCT options with CRI of 82
- Excellent lumen maintenance

CONTROLS

- 0-10V LED Driver standard, dimming to 5%
- Optional installed Bluetooth wireless fixture controller
- Wireless occupancy and daylight sensor accessory available

ELECTRICAL

- 120-277 VAC, 50/60 HZ
- Housing includes a 1/2" conduit entry point at one end and a knockout on the other end.
- Cable gland included for optional use.

CERTIFICATIONS

- CSA Listed for US & Canada, UL1598C
- Suitable for wet locations
- IP65 rated for covered outdoor use
- RoHS Compliant

WARRANTY

- Five (5) year limited warranty

ORDERING GUIDE

EXAMPLE: VTLS4-ML840-U-44L-00I

ORDERING INFORMATION

Series	Size	-	Light Engine	CRI	Color Temp.	-	Input Voltage	-	Nominal Lumens	-	Control Option	Pack Code
VTLS = LED Vapor Tight Luminaire Slim	4 = 4ft	-	LL	8 = 82 (nom)	35 = 3500K	-	U = 120-277V	-	33L = 3,300	-	LRT = (BT-LRT Installed)	00I
			ML		40 = 4000K 50 = 5000K				44L = 4,400 55L = 5,500 70L = 7,000			

DESIGNLIGHTS CONSORTIUM® QPL LISTED PRODUCTS

Model Numbers			
VTLS4-LL835-U-33L	VTLS4-ML835-U-44L	VTLS4-ML835-U-55L	VTLS4-ML835-U-70L
VTLS4-LL840-U-33L	VTLS4-ML840-U-44L	VTLS4-ML840-U-55L	VTLS4-ML840-U-70L
VTLS4-LL850-U-33L	VTLS4-ML850-U-44L	VTLS4-ML850-U-55L	VTLS4-ML850-U-70L

Accessories (Order Separately)

BT-FMS-A = Bluetooth Controller & Sensor, 120/277/347VAC

PERFORMANCE DATA

Model	Flux (Lumens)	Power (W)	LPW	Current 120V / 277V
VTLS4-LL850-U-33L	3105	23.6	131.7	0.20/0.09
VTLS4-ML850-U-44L	4347	32.5	133.8	0.27/0.13
VTLS4-ML850-U-55L	5444	41.8	130.0	0.35/0.16
VTLS4-ML850-U-70L	6837	54.4	125.6	0.45/0.20

- Reference Luminaire testing conducted by NVLAP accredited lab in accordance with IESNA LM-79.
- Consult factory for photometry.
- Application and performance information is subject to change without notification.



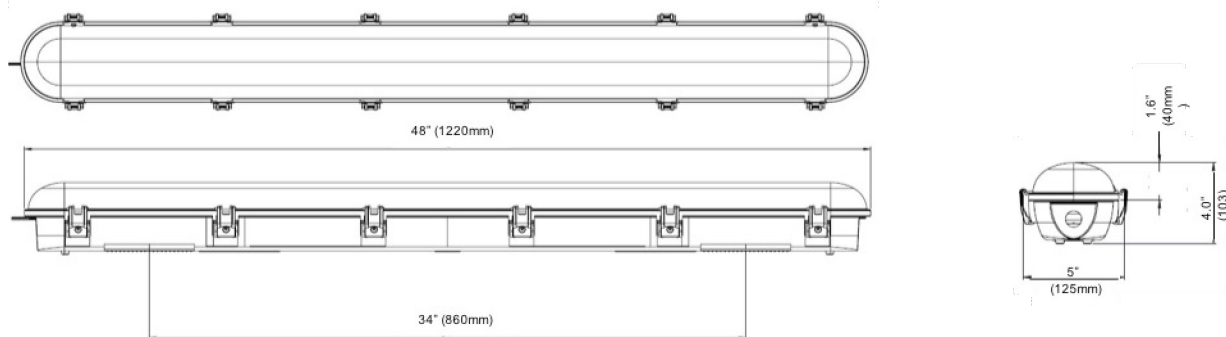
Select models are DesignLights Consortium® Premium qualified. Consult www.designlights.org/QPL for details

OPERATING DATA

L85 Lumen Maintenance:	>54,000 hrs at 40°C
Min. Starting Temp.:	-30°C (-22°F) 0°C (32°F) with BT-LRT Installed
EMI/RFI:	FCC Title 47 CFR, Part 15, Class A

Power Factor:	>.98 at max driver current
THD:	<20%
Input Power Frequency:	50/60Hz

DIMENSIONS: in (mm)



REPLACEMENT COMPONENTS CHART

Model	Driver*	Driver Current
VTLS4-LL850-U-33L	D10CC30UNVPW-C	440 mA
VTLS4-ML850-U-44L	D15CC55UNVPW-C	620mA
VTLS4-ML850-U-55L	D15CC55UNVPW-C	800mA
VTLS4-ML850-U-70L	D15CC55UNVPW-C	1040mA

* Models with the BT-LRT option require the PWX12 equivalent driver

BT-LRT Fixture Controller

DESCRIPTION

The LRT option is a factory installed, Intelligent Bluetooth Controller (a node) providing wireless connectivity with neighboring luminaires and other devices.

ELECTRICAL

Four-wire: Internal connections, factory harnessed to LED driver

Dimming: 0-10V control signal

Load Rating: Not Applicable

SETTINGS

Room & zone assignments: None

Start up Sequence for non-commissioned devices:

- 3 seconds OFF
- 6 seconds Full Bright
- 3 seconds Off
- 3 seconds Dim
- Full Bright

BT-LRT CONTROLLER DEFAULT

Sustained operation at 100%. All control settings disabled for non-commissioned devices.

MANUFACTURER/PRODUCT

Douglas Lighting Controls/BT-LRT-B

BT-FMS-A ACCESSORY

DESCRIPTION

PIR motion detector controls lights with on/off or Bi-level control based on occupancy conditions. Internal photocell dims luminaire and reduces power consumption when adequate natural light is present. Bluetooth wireless mesh network permits touchless, deck level configuration and creation of wireless, zone control of neighboring luminaires.

The BT-FMS-A accessory is sold separately and is intended for field installation.

ELECTRICAL

Five-wire: Line, Switched-Line, Neutral, Dim(+) & Dim(-)

Voltage: 120-347 VAC, 50/60 Hz

Load Rating: 3300 watt electronic ballast at 277VAC

Dimming: 0-10V control signal

SETTINGS

Room & zone assignments: (user defined; up to eight zones per room)

Timeout delay: 15 sec to 90 minutes

Occupancy control: On/Off or Bi-Level

Dimmer Min & Max levels: 0% through 100%

Daylighting control: Enable/Disable

Daylighting setpoint: Nominal lux at the work surface. Use on-site measurements where accuracy is important. Actual performance depends heavily on local geometry and surface treatments.

Occupancy sensing coverage: ~80 ft (dia.) at 40 ft mounting height

FACTORY DEFAULTS

Room & zone assignments: None

Timeout delay: 20 minutes

Occupancy control: Bi-Level

Dimmer Min & Max levels: 0% & 100% respectively

Daylighting Control: Disable

Daylighting setpoint: 300 lux (not relevant, as daylight control is disabled)

MANUFACTURER/PRODUCT

Manufacturer/Product: Douglas Lighting Controls/BT-FMS-A