

TORK[®] nsi INDUSTRIES

SPECIFICATION SHEET

Project Info:	Type: PC
Job Ref:	Catalog Number: 2129A
Approvals:	Date:

2129A

Specification Grade 1/2" Conduit Mount Die Cast Zinc.



Applications

- Parking lots.
- Building perimeter lighting.
- Outdoor signage.

FEATURES

- **Sensor:** Filtered IR non-drifting silicon sensor designed for human eye response.
- **Operation:** On and Off 1.5fc instant/ 2.2fc 2-5 second delay.
- **Standards:** Meets ANSI/UL773A.
- **Housing:** Heavy Duty die cast zinc housing and base. Gasketed for maximum weather protection
- **Energy Savings:** Works with CFL, LED.
- **Surge Protection:** 190 joules MOV

SPECIFICATIONS

- **Voltage:** 120/208-277.
- **Tungsten:** 2000W/3470-4620W.
- **Ballast:** 1800VA/2080-2770VA.
- **LED:** 600VA/1040-1385VA.
- **Turn ON/OFF Light Level:** Turn on is 1 to 5fc, Turn OFF is 3 to 15fc, without the slide in position. ON/OFF adjustment is easily made by moving slide cover no tool required.
- **Time Delay:** ON and Off.
- **Operating Temperature:** -40°F to 158°F (-40°C to 70°C).
- **Fail Mode:** ON.
- **Power Consumption:** 1 Watt.



2129A

1/2" Conduit Mount Specification Grade, Die Cast Zinc

REGULATORY LISTINGS

- ANSI
- UL773A

LIMITED WARRANTY

- 5-year manufacturer's warranty

<p>NOT ACCEPTABLE</p> <p>✓ REVIEWED</p> <p>REVIEW AS CORRECTED</p> <p>REVISE AND RESUBMIT</p>	<p>DOSTER</p> <p>2100 International Park Dr, Birmingham, AL 35243</p>
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Doster has reviewed this submittal only to confirm that it appears to include the submittal information required by the applicable Contract Documents. Doster's review does not modify or waive any requirements of the submitter's contract or the Contract Documents, and does not constitute acceptance of variances between the submittal and the requirements of the submitter's contract or the Contract Documents, including the applicable plans and specifications.

REVIEWED BY: Matt Alexander
SUBMITTAL NO.: 26 5000.1
DATE: 08/10/2022

Vision120™

90+ CRI Flexible LED Tape

Wet Location Super High Output

PRODUCT OVERVIEW

A super high output, wet location flexible 120V plug-in or hardwire LED linear tape for architectural coves, indoor steps, bannisters, exterior recesses and other constructs where even, energy saving LED illumination is specified. 5 year warranty. Do not submerge. **Factory cut only - cutting in field will void ETL label and warranty.**

NOTE: Each run requires power connector (see Connectors and Accessories next page).

FEATURES

- 120V operation (no power supply required)
- Wet location - IP65
- Cord and plug or hardwire power connector (replaceable fuse protected)
- Tape encased in UV inhibiting water resistant clear poly flexible sheath
- Dimmable (ELV/Triac - Lutron - Skylark - Selv-300P)
- 2700K, 3000K, 4000K
- 120° viewing angle
- Configured by factory in 4 inch increments
- Maximum run: 59 feet
- Mounting options: Clips or PVC / aluminum channel
- Frosted lens and channel covers available (see below)

SPECIFICATIONS

- | | |
|--|---|
| ELECTRICAL | LABEL |
| • 120V | • IP65 |
| • 6.0 watts per foot | • ETL |
| OPTICS | WARRANTY |
| • 90+ CRI | • 5 years |
| LUMENS | • Do not install in an application that is not easily accessed for service. |
| • 27K (500lm/ft), 30K (515lm/ft), 40K (530lm/ft) | |
| OPERATING TEMP | |
| • -4 to 122°F (-20 to +50°C) | |

HOW TO SPECIFY VISION120 AND CREATE A CATALOG NUMBER

Standard Output (59' Max.)
Specify by the foot / inches - **minimum cut is 4"**.

Example: To order an 4' length of 2700K tape, specify: V120-SHO-27-4-4

Example: To order a 32' length of 3000K tape, specify: V120-SHO-30-32

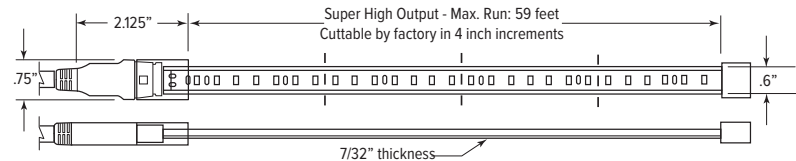
Example: To order a 48'-8" length of 4000K tape, specify: V120-SHO-40-48-8



CUTTABLE EVERY 4"



V120 state of the art connectors insuring a professional connection.



ORDERING INFORMATION

	-		-		
Model		Output		Color Temp.	Feet - Inches
V120		SHO		2700K (27)	XXX-X
				3000K (30)	2
				4000K (40)	



Product Video



Product Configurator

Customer: ROMMEL CONSTRUCTION

Project:

part number:

Type

LLRF

Vision120™

90+ CRI Flexible LED Tape

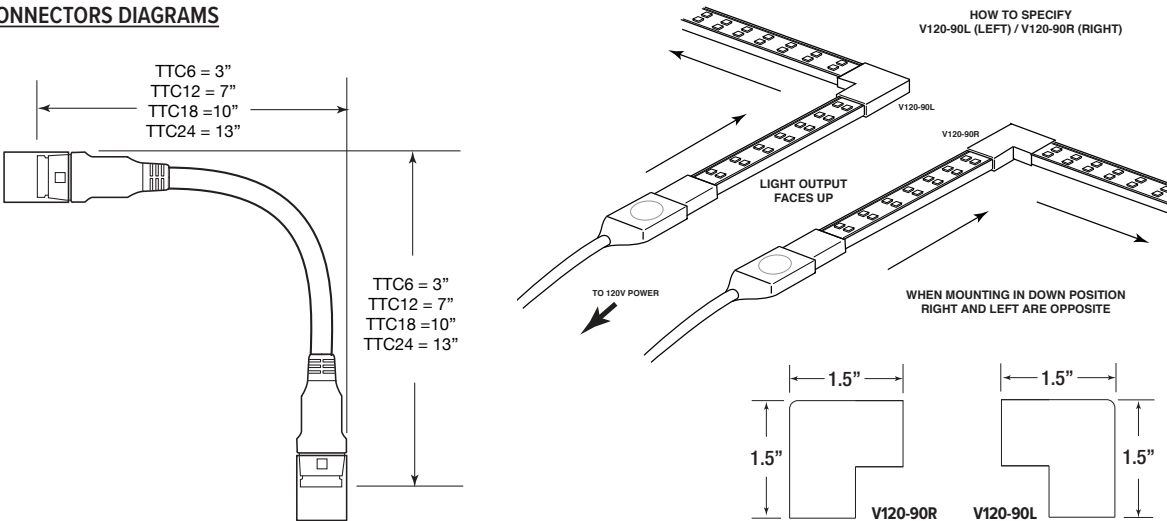
Wet Location Super High Output



CONNECTORS AND ACCESSORIES

Catalog No.	Description
V120-PC-4	4' POWER CONNECTOR - CORD AND PLUG
V120-PC-8	8' POWER CONNECTOR - CORD AND PLUG
V120-PCHW-4	4' POWER CONNECTOR - HARDWIRE (INCLUDES INLINE REPLACEABLE 8A FUSE)
V120-PCHW-8	8' POWER CONNECTOR - HARDWIRE (INCLUDES INLINE REPLACEABLE 8A FUSE)
V120-TTC-6	5-3/8" TAPE TO TAPE FLEXIBLE CONNECTOR
V120-TTC-12	12-1/2" TAPE TO TAPE FLEXIBLE CONNECTOR
V120-TTC-18	15-1/2" TAPE TO TAPE FLEXIBLE CONNECTOR
V120-TTC-24	23-1/4" TAPE TO TAPE FLEXIBLE CONNECTOR
V120-3M-VHB-15	15' LONG X 1/2" WIDTH DOUBLE-SIDED MTG. TAPE
V120-CHL-4	4' ALUMINUM MOUNTING CHANNEL - LENS SOLD SEPARATELY
V120-CHL-4-LENS	FROSTED LENS FOR 4' ALUMINUM CHANNEL
V120-CHL-8	8' ALUMINUM MOUNTING CHANNEL - LENS SOLD SEPARATELY
V120-CHL-8-LENS	FROSTED LENS FOR 8' ALUMINUM CHANNEL
V120-CHL-P-4	VISION120 4' PVC MOUNTING CHANNEL (LENS NOT AVAILABLE)
V120-CHL-P-8	VISION 120 8' PVC MOUNTING CHANNEL (LENS NOT AVAILABLE)
V120-MC	VISION 120 MOUNTING CLIPS - USE 1 PER FOOT MIN. (BAG OF 10)
V120-ECC	END CAP COVERS (2) FOR ALUMINUM CHANNEL WITH LENS. WHITE
V120-90L	VISION120 90° LEFT CONNECTOR (INDOOR ONLY)
V120-90R	VISION120 90° RIGHT CONNECTOR (INDOOR ONLY)
SHWC-V120	LUXCONTROL VISION 120 CONTROLLER

CONNECTORS DIAGRAMS



CUT SHEET #4B031



*Brick Light Uno/411
 Louvered
 Black Finish*



*Brick Light Uno/410
 Non-Louvered
 Black Finish*



BRICK LIGHT UNO

For steps, patios, pathways & plazas, Brick Light Uno offers two distinctive contemporary designs, with or without louvers. Cast aluminum in three beautiful finishes with opal lense, five color temperature options. IP54

CUT SHEET #4B031

VLTLED®
OUTDOOR

BRICK LIGHT UNO

IP54 | Contemporary rectangular recessed step lights for dry/damp exterior lighting applications. 24cm x 10.4cm [9.5" x 4.1"], with or without louvers. Nichia 757d LEDs, 6 watts (non-louvered 325 lumens, louvered 215 lumens). All LEDs include $\pm 60^\circ\text{K}$ Micro Binning, 85+ CRI. Standard CCTs of 2700°K, 3000°K, 3500°K, 4000°K and 4500°K. Black, Silver or White powdercoat finish, opal lens, back box of high density polyethylene. Integral or Constant Voltage Remote Driver 24V DC.



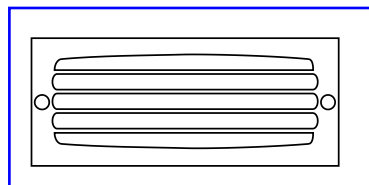
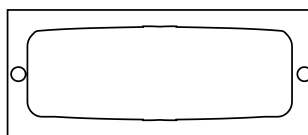
Finish Options



Black

Silver

White



CODE:

410

411

24cm x 10.4cm
[9.4" x 4.1"]

VX-BK1

LED		CCT		FINISH		LENS		POWER SUPPLY		STYLE	
7206	Non-Louver: 325 Lumens Louver: 215 Lumens 6 Watts	27	2700°K	BL	Black	OP	Opal Lens	RD	Remote Driver*	410	Non-Louver
		30	3000°K	AL	Silver			STD	Standard Non-Dim / Phase-Dim [120v-277v] (Integral)	411	Louver
		35	3500°K	WH	White						
		40	4000°K								
		45	4500°K								

*Multiple fixtures can be driven from a single remote driver. For remote driver information, see page 69

CUT SHEET #4B031

BRICK LIGHT UNO

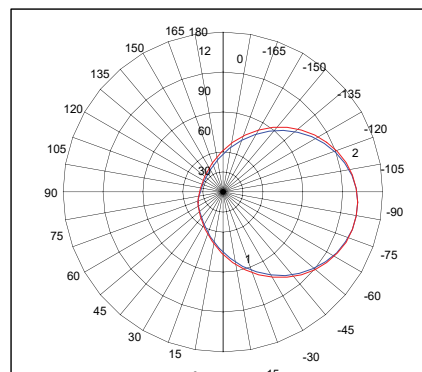
LED Fundamentals		
	NON LOUVER (410)	LOUVER (411)
LED Board	7206	7206
Lumen Output	325 lm	215 lm
Power Consumption	6 Watts	6 Watts
CRI	85+	85+
CCT Options	2700°K, 3000°K, 3500°K, 4000°K, 4500°K	2700°K, 3000°K, 3500°K, 4000°K, 4500°K
Applied LED	Nichia 757d	Nichia 757d
Binning	±60°K	±60°K
LED Efficacy	138 lm/w	138 lm/w
Fixture Efficacy	54	36
Electrical Data		
Driver Type	Constant Voltage	Constant Voltage
Voltage	120 -277 VAC	120 -277 VAC
Power Factor	>0.96	>0.90
Input Current	0.05 A	0.05 A
Frequency	50/60hz	50/60hz
Operating Ambient Temperature	-22° to 140° F [-30° to 60° C]	-22° to 140° F [-30° to 60° C]
Photometrics		
B.U.G. Rating	B0 - U3 - G1	B0 - U3 - G1

Data Based on 3500°K CCT

IES Files Available @ vltledoutdoor.com



Polar Graph



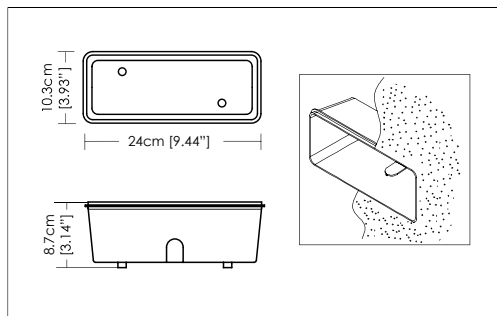
Maximum Candela = 120.31 Located at Horizontal Angle = 0, Vertical Angle = 90
 #1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)
 #2 - Horizontal Cone Through Vertical Angle (90) (Through Max. Cd.)
 Polar graph data based on 7206 LED Board, 410 Non-Louver Style

Approx. Fixture Shipping Weights

	lbs.	kg
410	3	1.4
411	3	1.4

Back Box

(included with fixture)



VLTLED®
OUTDOOR

CUT SHEET #4B031

VLTLED®
OUTDOOR

BRICK LIGHT UNO

Type _____

Job _____

Catalog Number:

VX - BK1 - _____

LED

CCT

FINISH

LENS

POWER SUPPLY

STYLE

SEE PAGE 50

Approvals:

Date:

Page _____ of _____

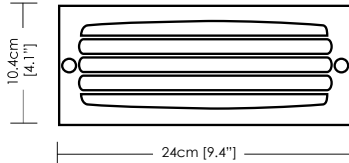
SPECIFICATIONS

Brick Light

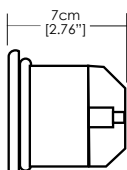
410



411



**Overall Depth
(W/ Back Box)**



LED BOARD/ ELECTRICAL:

6w proprietary LED module features Nichia 757d LEDs (+/-60° binning); two lumen packages (depending on fixture style). Rectangular LED board located in fixture behind opal lens. Constant Voltage 24V

CCT OPTIONS:

2700°K, 3000°K, 3500°K, 4000°K, 4500°K

FINISH:

Multi-step process including chemical passivation of aluminum for high resistance to oxidation; electrostatically applied, thermally cured, polyester powdercoat. Available in Black, Silver Or White:

LENS:

UV-stabilized opal Plexiglass lensing with silicon gaskets.

POWER SUPPLY:

STD: Standard Non-Dim/ 0-10v dimming (120-277v 50/60Hz input) - Hatch Constant Voltage (Class 2) Driver. Temperature range -22° - 140°F [-30° - 60°C]. Integral.

REMOTE DRIVER: Constant Voltage 24V DC (see page 69) ; Multiple fixtures can be driven from a single remote driver.

HOUSING:

Die-cast, stone washed aluminum EN47100 (Black, Silver or White finish). Sections fasten together with stainless steel screws.

MOUNTING:

Included back box

DELIVERED LUMENS/ BUG RATING:

(3500°K used for all photometric testing)

410 Style

325 Lumens

B0 - U3 - G1

411 Style

215 lumens

B0 - U3 - G1

LISTINGS & TESTS:

Wet Location ETL Listed to UL 1598 Standard for Luminaires - UL 8750 Standard for Safety for Light Emitting Diode (LED) Equipment for use in Lighting Products and CSA C22.2#250.0 Luminaires. RoHS compliant.



WARRANTY & LIFE:

5 year limited warranty (see pg. 79); 50,000 HR lifetime ($T_a = -25^{\circ}\text{C}$ to 40°C ; T_c max 75°C)

CAUTION:

Fixtures must be installed and grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

VLT RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.
VISIT WWW.VLTLEDOUTDOOR.COM FOR CURRENT CUT SHEETS, APPLICATION PHOTOS,
AND MOST RECENT IES FILES.