

# TORK<sup>®</sup> nsi INDUSTRIES

## SPECIFICATION SHEET

|               |                              |
|---------------|------------------------------|
| Project Info: | Type: <b>PC</b>              |
| Job Ref:      | Catalog Number: <b>2129A</b> |
| 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><b>DOSTER</b></p> <p>2100 International Park Dr,<br/>Birmingham, AL 35243</p> |
|---|--|

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

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

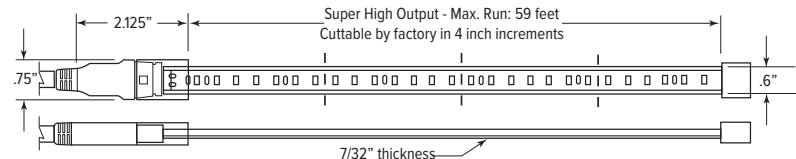
Example: To order a 48'-8" length of 4000K tape, specify: V120-SHO-40-48-8



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



SCAN ME

Product Configurator



SCAN ME

Customer:

ROMMEL CONSTRUCTION

Project:

part number:

Type

LLRF

Vision120™

90+ CRI Flexible LED Tape

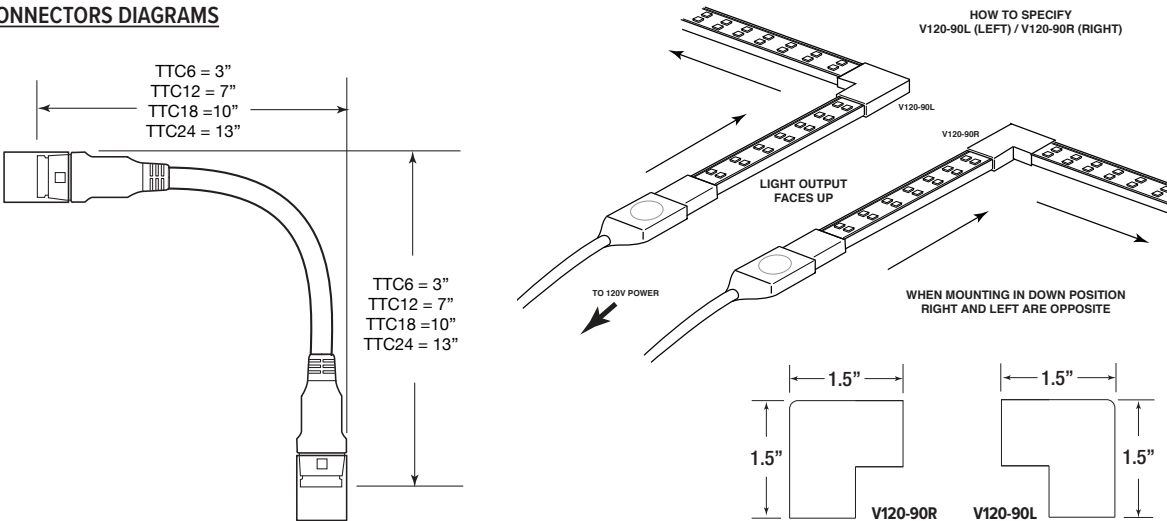
Wet Location Super High Output



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

designed in Italy by  
**LANDA**  
 illuminotecnica

*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.



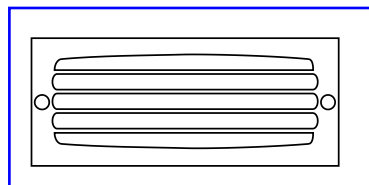
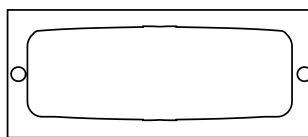
### Finish Options



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:<br>325 Lumens<br>Louver:<br>215 Lumens<br>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 /<br>Phase-Dim [120v-277v]<br>(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

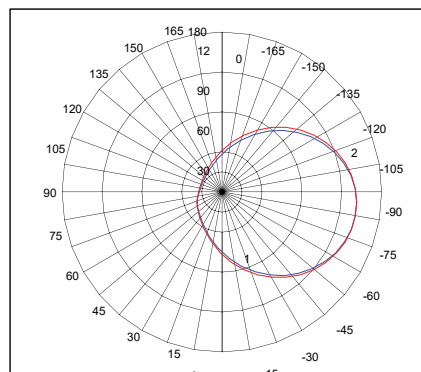
| LED Fundamentals              |  |  |
|-------------------------------|--|--|
|                               | NON LOUVER (410)                       | LOUVER (411)                           |
| LED Board                     | 7206                                   | 7206                                   |
| 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<br>[-30° to 60° C]      | -22° to 140° F<br>[-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](http://vltledoutdoor.com)



## Polar Graph



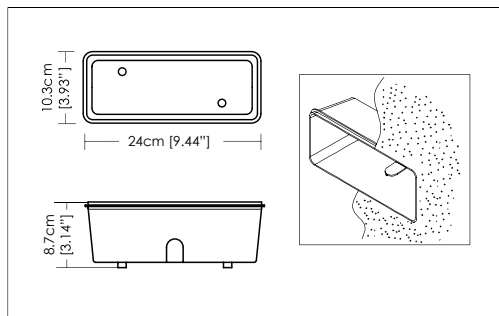
Maximum Candela = 120.31 Located at Horizontal Angle = 0, Vertical Angle = 90  
 #1 - Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.)  
 #2 - Horizontal Cone Through Vertical Angle (90) (Through Max. Cd.)  
 Polar graph data based on 7206 LED Board, 410 Non-Louver Style

## 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 \_\_\_\_\_

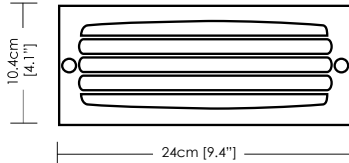
## SPECIFICATIONS

*Brick Light*

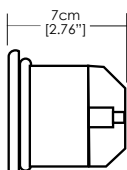
410



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  $40^{\circ}\text{C}$ ;  $T_c$  max  $75^{\circ}\text{C}$ )

### 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](http://WWW.VLTLEDOUTDOOR.COM) FOR CURRENT CUT SHEETS, APPLICATION PHOTOS,**  
**AND MOST RECENT IES FILES.**