



PROJECT

TYPE

DATE

SURFACE MOUNT · LED CHANNEL

# DLTC-S-SHALLOW

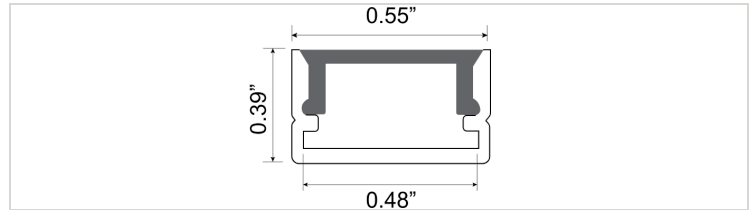
## Shallow Surface Channel

Minimum-depth surface profile for under-cabinet and tight reveals. Half-inch wide footprint disappears against the substrate.

FIG. 01 · PRODUCT



FIG. 02 · CROSS-SECTION



### PROFILE DESCRIPTION

#### ■ PROFILE DESCRIPTION

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When space is at a premium, our Shallow Surface Channel delivers a professional-grade lighting solution without the bulk. Measuring an ultra-compact 0.48 inches wide by 0.3 inches tall, it is an excellent choice for under-cabinet applications, shelving, or tight accent coves.

### SPECIFICATIONS

| MATERIAL       | DIMENSIONS      | MAX TAPE | MOUNTING | LENGTH |
|----------------|-----------------|----------|----------|--------|
| Aluminum / PVC | 0.48"W × 0.30"H | 0.47"    | Surface  | 8 ft   |

### 01 ORDERING MATRIX

| 01     | 02      | 03      | 04                                                       | 05                                  | 06                                    |
|--------|---------|---------|----------------------------------------------------------|-------------------------------------|---------------------------------------|
| DLTC   | S       | SHALLOW | ---                                                      | ---                                 | ---                                   |
| SERIES | MOUNT   | SIZE    | LENGTH                                                   | FINISH                              | LENS                                  |
|        | Surface | SHALLOW | 8FT Standard 8 ft<br>— Custom length (specify in inches) | AL Aluminum<br>BK Black<br>WT White | DL Diffused<br>CL Clear<br>FL Frosted |

EXAMPLE **DLTC-S-SHALLOW-8FT-AL-DL** → Shallow Surface Channel, 8 ft, aluminum, diffused lens

### 02 FEATURES

- 0.30" tall — fits tight returns and reveals
- Three finishes, three lens options
- Ideal for under-cabinet and shelf lighting
- Field-cutable aluminum body



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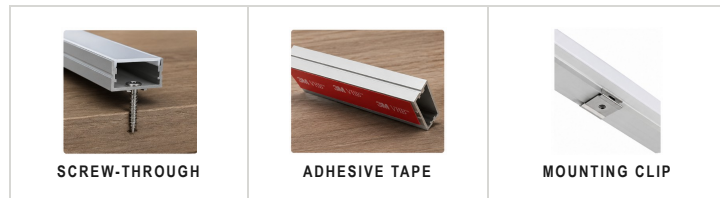
DATE

DLTC-S-SHALLOW — CONTINUED

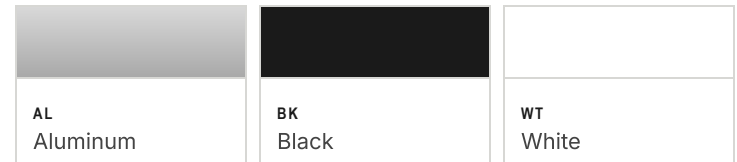
SHALLOW SURFACE CHANNEL

# Installation and Performance

## 03 MOUNTING OPTIONS



## 04 FINISH OPTIONS



## 05 INCLUDED ACCESSORIES

|    |                    |                            |
|----|--------------------|----------------------------|
| 1× | Channel + lens     | Pre-assembled, 8 ft length |
| 2× | Mounting clips     | Standard surface clips     |
| 2× | End caps           | 1 open · 1 closed          |
| 1× | Installation guide | Quick-start instructions   |

## 06 ACCESSORY KIT · DLTC-S-SHALLOW-ACCKIT

| DLTC-S-SHALLOW-ACCKIT                                                                 |    | ORDER SEPARATELY · ADD -AL · -BK · -WT FOR FINISH                                     |    |
|---------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|----|
|    | 2× |  | 2× |
| Open end caps<br>Wire pass-through                                                    |    | Closed end caps<br>Sealed termination                                                 |    |
|  | 4× |  | 2× |
| Mounting clips<br>Standard surface                                                    |    | Strain relief<br>Wire anchor                                                          |    |

## 07 LENS PERFORMANCE

| LENS     | LIGHT LOSS | CCT SHIFT |
|----------|------------|-----------|
| Clear    | 10%        | ~20K      |
| Opal     | 20%        | ~35K      |
| Diffused | 20%        | ~40K      |
| Frosted  | 30%        | ~45K      |

## 08 COMPLIANCE & WARRANTY

### CERTIFICATIONS · 5-YEAR LIMITED WARRANTY

- ▶ UL Listed 2108
- ▶ UL 1598 / CSA 250.0-08
- ▶ UL 8750
- ▶ UL 879 / CAN/CSA-C22.2 no. 207-M89
- ▶ File E469769 (UL Listed) · E469770

Full warranty terms at [directled.co/warranty](https://directled.co/warranty).



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DLTC-S-SHALLOW — COMPATIBILITY

DLTC SERIES — 10 CHANNELS

# Tape Light Compatibility & Series

## 09 RECOMMENDED TAPE LIGHTS

ALL 24VDC · CRI 90 · UL LISTED · 16 FT STANDARD ROLL · CCT 2200–6000K AVAILABLE

| SERIES               | W/FT | LM/FT     | IP      |
|----------------------|------|-----------|---------|
| <b>Accord</b>        | 2.9  | 390–602   | 20 / 67 |
| <b>Accord HE</b>     | 2.9  | 534–687   | 20 / 67 |
| <b>Caliber</b>       | 6.0  | 630–838   | 20 / 67 |
| <b>Caliber Max</b>   | 8.7  | 1004–1316 | 20 / 67 |
| <b>COB High</b>      | 4.0  | 262–364   | 20 / 67 |
| <b>COB Low</b>       | 3.0  | 150–212   | 20 / 67 |
| <b>Double Bright</b> | 11.0 | 1276–1600 | 20 / 67 |

| SERIES           | W/FT | LM/FT   | IP      |
|------------------|------|---------|---------|
| <b>Exclaim</b>   | 2.9  | 459–575 | 20 / 67 |
| <b>Flex-Side</b> | 2.9  | 123–170 | 20 / 67 |
| <b>Flex-Top</b>  | 2.9  | 356–458 | 20 / 67 |
| <b>RGBW</b>      | 6.0  | 93–103  | 20 / 67 |
| <b>Side</b>      | 4.0  | 223–260 | 20 / 67 |
| <b>Soft</b>      | 1.5  | 175–219 | 20 / 67 |

## 10 ADDITIONAL AVAILABLE PROFILES



**DLTC-R-FULL**  
Full Recessed Channel

■ RECESSED · 2.90"×0.73"



**DLTC-R-SHALLOW**  
Shallow Recessed Channel

■ RECESSED · 2.73"×0.52"



**DLTC-R-TALL**  
Tall Recessed Channel

■ RECESSED · 0.67"×0.60"



**DLTC-R-BEND**  
Recessed Bendable Channel

■ RECESSED · 1.00"×0.50"



**DLTC-S-FULL**  
Full Surface Channel

■ SURFACE · 0.48"×0.48"



**DLTC-S-TALL**  
Tall Surface Channel

■ SURFACE · 0.67"×0.60"



**DLTC-S-CORNER45**  
45° Corner Channel

■ SURFACE · 0.72"×0.72"



**DLTC-S-CURVE45**  
45° Curved Channel

■ SURFACE · 0.67"×0.60"



**DLTC-S-BEND**  
Surface Bendable Channel

■ SURFACE · 0.80"×0.45"