



PROJECT

TYPE

DATE

SURFACE MOUNT · LED CHANNEL

DLTC-S-CORNER45

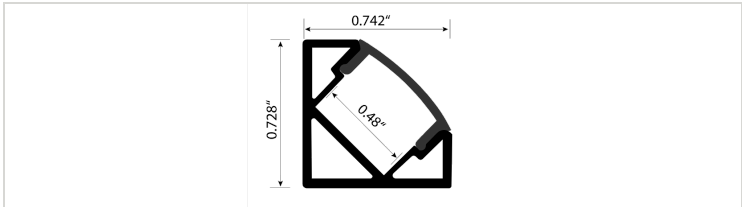
45° Corner Channel

Triangular extrusion designed for inside-corner applications. Throws light at 45° into the room.

FIG. 01 · PRODUCT



FIG. 02 · CROSS-SECTION



PROFILE DESCRIPTION

■ PROFILE DESCRIPTION

CLICK TO EDIT · AUTO-SAVES

Maximize corner placement and angled lighting layouts with our dynamic Corner45 Surface Channel. This industrial-grade aluminum extrusion profile looks exceptionally elegant anywhere it is installed. It safely houses LED tape light configurations up to 0.47 inches wide within its distinct 20mm

SPECIFICATIONS

MATERIAL Aluminum / PVC	DIMENSIONS 0.72"W × 0.72"H	MAX TAPE 0.47"	MOUNTING Surface	LENGTH 8 ft
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01 ORDERING MATRIX

01 DLTC FIXED	02 S FIXED	03 CR45 FIXED	04 _____ SELECT	05 _____ SELECT	06 _____ SELECT
SERIES	MOUNT	SIZE	LENGTH	FINISH	LENS
	Surface	CR45	8FT Standard 8 ft — Custom length (specify in inches)	AL Aluminum BK Black WT White	DL Diffused CL Clear FL Frosted

EXAMPLE **DLTC-S-CR45-8FT-AL-DL** → 45° Corner Channel, 8 ft, aluminum, diffused lens

02 FEATURES

- 45° throw for inside-corner installs

■ Three finishes, three lens options
- Ideal for crown, cove, and cabinet tops

■ Field-cutable aluminum body



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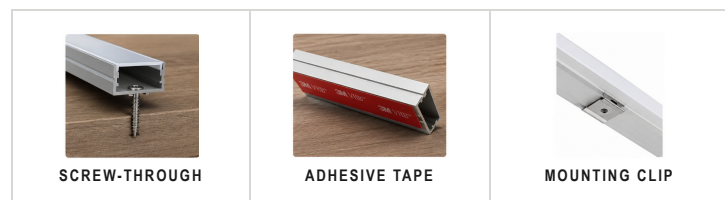
DATE

DLTC-S-CORNER45 — CONTINUED

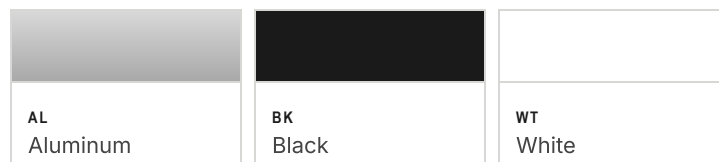
45° CORNER CHANNEL

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-CORNER45-ACCKIT

DLTC-S-CORNER45-ACCKIT		ORDER SEPARATELY · ADD -AL · -BK · -WT FOR FINISH	
	2×		2×
Open end caps Wire pass-through		Closed end caps Sealed termination	
	4×		2×
Mounting clips Standard surface		Strain relief 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.



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DLTC-S-CORNER45 — 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
Accord	2.9	390–602	20 / 67
Accord HE	2.9	534–687	20 / 67
Caliber	6.0	630–838	20 / 67
Caliber Max	8.7	1004–1316	20 / 67
COB High	4.0	262–364	20 / 67
COB Low	3.0	150–212	20 / 67
Double Bright	11.0	1276–1600	20 / 67

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

10 ADDITIONAL AVAILABLE PROFILES



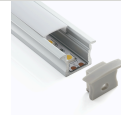
DLTC-R-FULL
Full Recessed Channel

■ 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-SHALLOW
Shallow Surface Channel

■ SURFACE · 0.48"×0.30"



DLTC-S-TALL
Tall Surface Channel

■ SURFACE · 0.67"×0.60"



DLTC-S-CURVE45
45° Curved Channel

■ SURFACE · 0.67"×0.60"



DLTC-S-BEND
Surface Bendable Channel

■ SURFACE · 0.80"×0.45"