FUELIGHT™ 4520 SERIES PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Color Capability:
One color (**red, amber, green or white***)

Digit Design:
Sealed digits with only the LEDs protruding through the black metal face

Viewing Angle:
140 degrees horizontal x 70 degrees vertical

Contrast Enhancement:
LEDs protrude through a punched black metal face

Cabinet Configuration:
Flange mounted single cabinet

Service Access:
Front access

Power:
120 VAC single phase

Display Dimming:
16 levels (automatic or manual control)

Digit Font:
Programmable font allows adding tails to the 6 and 9 digits

Communication Options:
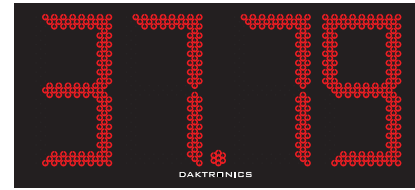Wired, wireless, Point of Sale (POS) interface, wireless handheld key fob

Operating Temperature:
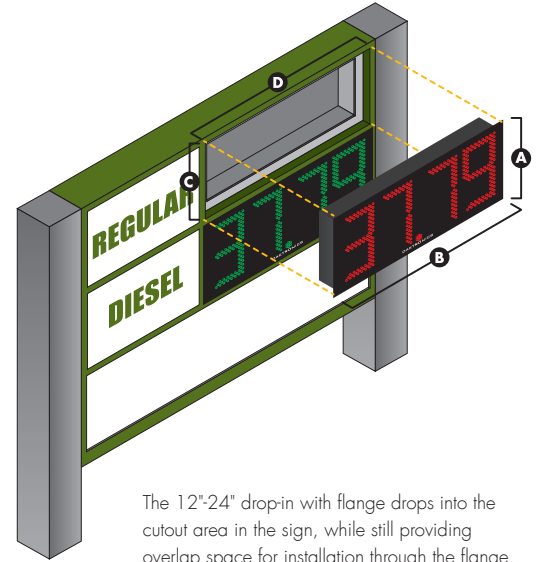-40°F to 48°F (-40°F to 120°F) with 99% RH non-condensing

Fully Sealed:
360 degree water-tight electronics

*The lifespan of white LEDs, defined by their ability to maintain brightness, is shorter than that of red, green and amber LEDs.

4520 Series Drop-in digit

The 12"-24" drop-in with flange drops into the cutout area in the sign, while still providing overlap space for installation through the flange.

FL-4520 DROP-IN MODEL SPECIFICATIONS

Model Number	Character Height (cm)	Drop-in Dimensions Meters (H x W)		Cut-out Dimensions Meters (H x W)		Drop-in Dimensions Ft-In (H x W)		Cut-out Dimensions Ft-In (H x W)		Drop-in Weight kg (lbs)	Max.Watts Per Face
		A	B	C	D	A	B	C	D		
FL-4520-12-DI	12" (30)	0.41	0.91	0.34	0.85	1'4"	3'0"	1'2"	2'10"	9 (20)	50
FL-4520-16-DI	16" (40)	0.51	1.14	0.44	1.08	1'8"	3'9"	1'6"	3'7"	11 (25)	65
FL-4520-18-DI	18" (45)	0.56	1.32	0.50	1.26	1'10"	4'4"	1'8"	4'2"	14 (30)	70
FL-4520-24-DI	24" (60)	0.71	1.60	0.65	1.54	2'4"	5'3"	2'2"	5'1"	20 (45)	110

■ Single-section, Front flange mounted

Additional display sizes available upon request. Several communication options are available. See the communications options on DD3040488 or ask your sales representative for details. Cabinet depth is 7.6 cm (3"). Specifications are approximate. Request a Daktronics shop drawing for precise specifications.

DISPLAY CONFIGURATIONS

DI with Flange
available in 12"–24"

MODEL NUMBER GUIDE

FL - 4520 - 16 - R - DI

Fuelight
Series Number

Character Height

Red, Amber, Green, or White LEDs

Drop-In

DAKTRONICS