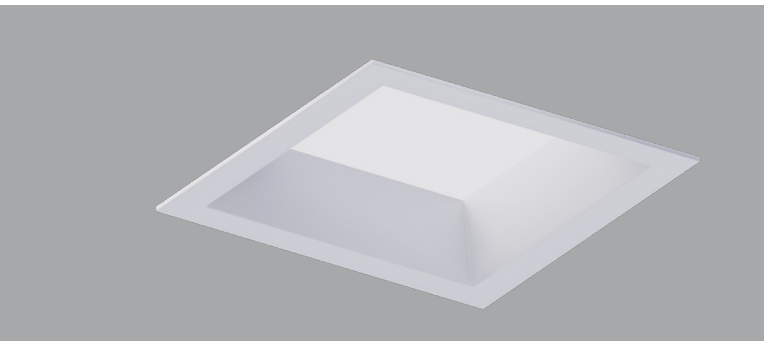
fusion LIGHTING
By Elite Lighting

Warm Dim

SS4-LED

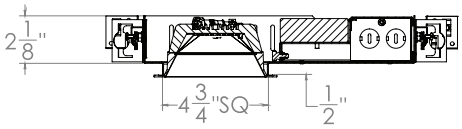
LED Shallow Trim and Trimless Downlighting

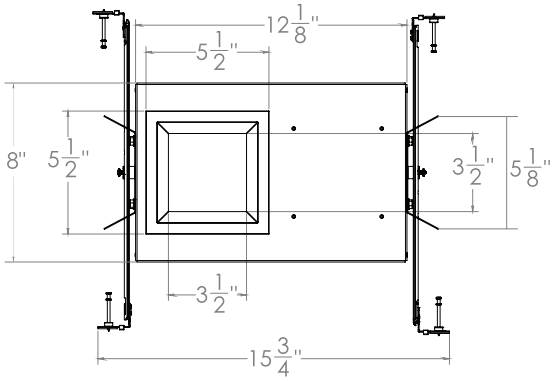
4"



REFLECTOR/ TRIM COLOR

WH-WH-White





NOMINAL LUMENS	WATTAGE
1500	22.8W
1200	13 .9W
900	10.2W

Based on 4000K, 90+ CRI. Actual wattage may vary +/- 5%

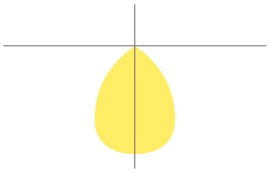
FEATURES

An innovative, high-performance shallow plenum architectural LED Squarre downlight for applications that demand a shallow housing, optimizing functionality. Available in a range of distributions and lumen packages, it is the perfect solution for commercial elevator lobbies, hospitality, high-end residential, and retail applications.

LUMENS	900, 1200, 1500
CCT & DYNAMIC PLATFORMS	100% lumen output at 3000K, down to a 1% lumen output at 1800K
CRI	90+ Standard
COLOR QUALITY	2 Step MacAdam Ellipses
DISTRIBUTION	WD (Wide Distribution) 50 degree visual cutoff Square and Round, Trim and Trimless with Open Downlight,
TRIM OPTIONS	Square and Round, Trim and Trimless Downlighting
REFLECTOR COLORS	WH (White), Custom RAL
FLANGE COLORS	WH (White), Custom RAL
DIMMING	0-10V Flicker Free 1% Dimming Standard (DIM10), LUTH, LUT2W, ELDO10.1, ELDODMX.1, DALI.1, DIMTR
EMERGENCY	10W - Bodine BSL310 20W - Bodine BSL20
LIFETIME	100,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21

WD: WIDE

Candle Power Distribution (Candelas)



PROUDLY ASSEMBLED in AMERICA

c UL us LISTED

5 YEARS LIMITED WARRANTY

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.

DYNAMIC PLATFORM

SMART DIM - Dims to Warm with Smart Dim technology simulates traditional incandescent halogen lighting through dimming, while providing the energy efficiency, high performance and longevity of LED luminaires. When the luminaire dims to warm, it makes a smooth transition across the black body radiator curve. Starting with a 100% lumen output at 3000K, down to a 1% lumen output at 1800K, and maintaining a constant CRI of 90+. It results in rich amber tones as the light dims, encouraging relaxation. An ideal source for hospitality, residential, and assisted living applications.

TRIM OPTION

Square Trim and Trimless

HOUSING

Thermally protected, specification grade recessed housing. For new construction non insulated or insulated ceilings where housing will be in direct contact with insulation. Die-formed all aluminum construction matt black painted for maximum heat dissipation, rust protection and glare free illumination.

MOUNTING

Preinstalled bar hangers allow housing to be positioned and locked at any point within a 24" joist span. Bar hangers can fit onto T-Bar spline with additional slots and holes for special mounting methods if necessary. Butterfly brackets are also provided and are constructed from 18-gauge steel and can be adjusted vertically. Butterfly brackets may be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or optional C-Channel mounting bars are available.

DRIVER ELECTRICAL INFORMATION

The LED driver is rated for 50 to 60Hz at 120V/277V also availble in 347V input, produces less than 20%THD, and has a power factor between 90% and 100%, and is thermally protected for additional safety. Junction box and Driver can be accessed from below the ceiling and above the ceiling. Junction Box is Listed for through branch circuit wiring.

DIMMING & DRIVER INFORMATION

DIM10 - 0-10V dimming on either MVOLT 120, 277 or 347V. Dimmable down to 1% of initial lumens, standard.
DIMTR - Triac & Electronic low voltage dimming. Available in 120V, and up to 3000 lumens only.
LUT2W - Lutron LTEA2W Hi-Lume 1%. 2-wire LED driver (120V forward phase only).
LUTH - Lutron LDE1 Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology.
ELDO10.1 - EldoLED SoloDrive 0-10V. Dimming down to 0.1%. Available on all fixtures up to 100 watts.
DALI - DALI DT6, DT8 dimming down to 1%. Available on all fixtures up to 100 watts.
ELDOMX - EldoLED PowerDrive dimming down to 0.1%. Available on all fixtures up to 100 watts.
Please see EldoLED website for wiring diagrams and a list of compatible **DMX** and Dali control systems.

WARRANTY

Five-year carefree warranty for parts and components. (Labor not included.)

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

HOUSING

	TYPE	LUMEN	DIMMING	VOLTAGE	EMERGENCY OPTIONS	MOUNTING OPTIONS
HIGH PERFORMANCE	SS4-LED	❑ 900L ❑ 1200L ❑ 1500L	❑ DIM10 ❑ DIMTR ❑ LUTTH ❑ LUT2W ❑ ELDO10.1 ❑ DALI.1 ❑ ELDODMX.1	❑ 120 ❑ 277 ❑ 347 (DIM10 only) ❑ MVOLT	❑ EMG-LED-10W ❑ EMG-LED-20W	❑ Blank-Standard bar hangers (included) ❑ BP31 - 27" C-channel bar hangers. ❑ RIF - RIF filter.

DIMTR, LUT2W - 120V only
LUTH, ELDO10, DALI, ELDODMX - 120-277V

TRIM OPTIONS

TRIM TYPE	LUMENS	OPTICS	CCT	FINISH
❑ SS4-F-1428 (Flanged trim)	❑ 900L ❑ 1200L ❑ 1500L	❑ WD (Wide)	❑ WDM (30K-18K) (3000K at 100% Light out put and 1800K at 1% Light Output)	❑ W-WH
❑ SS4-TL-1428 (Trim-less)	❑ 900L ❑ 1200L ❑ 1500L	❑ WD (Wide)	❑ WDM (30K-18K) (3000K at 100% Light out put and 1800K at 1% Light Output)	❑ WH

*** TRIM OPTION FOR IC HOUSING IS ONLY AVAILABLE ON 900L**

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.