SIMPLESEAL™ ENVIRONMENTAL
ESEFI SERIES – LF FLANGE MOUNT – INSET DOOR

PRODUCT FEATURES:

» Recessed flange; ceiling mount – 1'×4', 2'×2', 2'×4'

» One-piece inset doorframe, secured to housing with continuous hinge and fasteners

» 20-gauge hole-free, one-piece cold rolled steel housing

» Closed cell extruded silicone gasket seals doorframe to housing

» UL certified IP65 per IEC 60598

SPECIFICATIONS:

HOUSING: 20-gauge CRS. Hole-free seam welded construction. White TGIC polyester powder coat finish – 5-step pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%.

HOUSING FLANGE: 18-gauge CRS. Mitered and welded corners then spot-welded to housing.

DOORFRAME: 18-gauge CRS. One-piece inset construction welded corners. White TGIC polyester powder coat finish – 5-step pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Doorframe secured to housing with continuous hinge and (2) for 2×2, (3) for 1×4, 2×4 captive mounted Phillips head stainless steel fasteners. Closed cell extruded silicone gasket seals doorframe to housing.

LENS: .125" P12 acrylic lens sealed to doorframe with silicone sealant and secured with continuous lens retention system. Lens orientation – smooth side out.

ELECTRICAL: Fluorescent electronic ballasts (<10% THD). Lamps by others. See Electrical Options for additional options.

INSTALLATION: Adjustable swing-out mounting brackets standard.

WARRANTY: Limited one (1) year Kenall flourescent warranty.

LISTINGS: UL and CUL Listed for Wet Location. UL certified IP65 per IEC 60598. CCEA approved.

ORDERING INFORMATION (Ex: ESESI4-1-32-RS-1-120-2F-2H-1)

Model	Lamp Qty/Type	Ballast Type	Ballast Qty	Voltage	Doorframe Option	Housing	Lens Type	Options

Model
ESEFI14T5	1'×4'
ESEFI22T5	2'×2'
ESEFI24T5	2'×4'
ESEFI14T8	1'×4'
ESEFI22T8	2'×2'
ESEFI24T8	2'×4'

Lamp Quantity/Type

1×4 – T5
1-28	One F28T5
2-28	Two F28T5
3-28	Three F28T5
1-54	One F54T5HO
2-54	Two F54T5HO
3-54	Three F54T5HO

1×4 – T8
1-32	One F32T8
2-32	Two F32T8
3-32	Three F32T8

2×2 – T5
2-24	Two F24T5HO
3-24	Three F24T5HO
4-24	Four F24T5HO

2×2 – T8
2-17	Two F17T8
3-17	Three F17T8
4-17	Four F17T8
6-17	Six F17T8
2-31U	Two F17T8
3-31U	Three F17T8

2×4 – T5
2-28	Two F28T5
3-28	Three F28T5
4-28	Four F28T5
6-28	Six F28T5
2-54	Two F54T5HO
3-54	Three F54T5HO
4-54	Four F54T5HO
6-54	Six F54T5HO

2×4 – T8
2-32	Two F32T8
3-32	Three F32T8
4-32	Four F32T8
6-32	Six F32T8

Ballast Type
IS	Instant Start Electronic <10% THD
RS	Rapid Start Electronic <10% THD
SB	Specified Ballast

Ballast Quantity
1	One
2	Two

Voltage
120	120 Volts
277	277 Volts
347	347 Volts

Doorframe Options
2F	18-Ga CRS Painted (STD)
AF	Anodized Aluminum
PAF	Painted Fabricated Aluminum
5F	20-Ga Type 304 SS Brushed

Housing/Flange Options
2H	20-Ga CRS/18-Ga CRS (STD)
5H5	20-Ga Type 304 SS/18-Ga Type 304 SS
2H5	20-Ga CRS/18-Ga Type 304 SS
PAH	.050" Painted Aluminum

Lens Type
Acrylic
1	.125" #12 Prismatic (STD)
T	.125" Clear
U	.125" #12 Prismatic Impact Blend

Polycarbonate
2	.125" #12 Prismatic
G	.125" Clear
6	.187" #12 Prismatic

Tempered Glass
TG	.250" Textured Tempered Glass

Specified Lens
SL	Specified Lens

Options
EL*	Standard Lumen EL Pack
PEL*	High Lumen EL Pack
SEL*	Specified EL Pack
DLN	LED Night Light w/Light Level Control (100%-20%)
FS*	Fuse & Holder
HJ	Sealed Wireway
IF	Install Frame
PF	Plaster Frame
RM	Continuous Row Mounting
TH	1/2" Trade Size Threaded Hub
TN	PL Night Light – 5/7/9 Watt (Lamp supplied by other) (120/277V only)

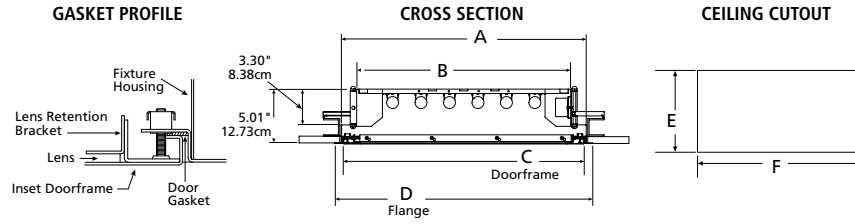*n/a with four (4) F50TT or F55TT (2×2) , three (3) F54T5HO lamps (1×4) or six (6) F54T5HO lamps (2×4)

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DIMENSIONAL DATA

GASKET PROFILE	CROSS SECTION	CEILING CUTOUT

DIMENSIONAL DATA (IN INCHES & CENTIMETERS)

	A	B	C	D	E	F
1×4 (T5)	12.20×46.60	9.35×46.60	11.75×46.20	13.35×47.75	12.50	46.88
30.48cm×121.92cm	30.99×118.36	23.75×118.36	29.85×117.35	33.91×121.29	31.75	119.08
1×4 (T8)	12.20×48.13	9.35×48.13	11.80×47.70	13.35×49.27	12.50	48.38
30.48cm×121.92cm	30.99×122.25	23.75×122.25	29.97×121.16	33.91×125.15	31.75	122.89
2×2 (T5)	22.60×22.60	19.75×22.60	22.12×22.60	23.75×23.75	22.88	22.88
60.96cm×60.96cm	57.40×57.40	50.17×57.40	56.18×57.40	60.33×60.33	58.12	58.12
2×2 (T8)	22.60×24.13	19.75×24.13	22.20×23 .70	23.75×25.27	22.88	24.38
60.96cm×60.96cm	57.40×61.29	50.17×61.29	56.39×60.20	60.33×64.19	58.12	61.93
2×4 (T5)	22.60×46.60	19.75×46.60	22.12×46.20	23.75×47.75	22.88	46.88
60.96cm×121.92cm	57.40×118.36	50.17×118.36	56.18×117.35	60.33×121.29	58.12	119.08
2×4 (T8)	22.60×48.13	19.75×48.13	22.20×47.70	23.75×49.27	22.88	48.38
60.96cm×121.92cm	57.40×122.25	50.17×122.25	56.39×121.16	60.33×125.15	58.12	122.89

NOTE: Add .25" (.64cm) to each cut-out dimension when Install Frame (IF) or
Plaster Frame (PF) Accessory is specified.

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