

Surface Mount Vandal Resistant

Features

Lamp

- Designed for two 4-pin triple tube amalgam or quad compact fluorescent lamps: 42/32/26W triple or 26W quad.

Ballast: Multi-Wattage/Voltage

- Installed electronic ballast for 120/277 multi-volt; 50/60 Hz. THD < 10%.
- ClickQuick connectors for easy service.
- Single circuit wiring or see Option -84.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit.
- Internally fused. Also see Options -F and -D.

Reflector

- Specular Alzak® aluminum.

Trim / Lens Assembly

- Vandal resistant tapered aluminum one piece black OptiGroove with white flange for secure mounting.
- Flush tamper proof hex screws with center pin secure trim to captive nuts in housing.
- Continuous lighting and four screws secure lens.

- Lens combines 1/4" clear polycarbonate below with prismatic .187" high-strength acrylic.

Aluminum Housing

- Seamless white acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- No visible cylinder hardware.
- Lightweight: Minimizes ceiling load.

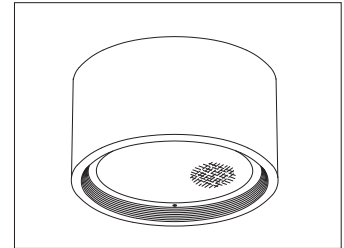
Installation

- Center point mounting for snug fit to ceiling. Mounting hardware included.
- QuickConnect mounting available (Option -QM).
- 2 clear or 3 clear mounting. (Option -3C).
- Indoor or outdoor for covered ceiling use. (See Option -89).

- Tamperproof tools included.
- UL (Canada) Listing.
- Weatherproof for outdoor use on covered ceilings. (See Option -89).

Three Year Limited Warranty

- Complete standard fixture and ballast.



Surface Round
Vandal Resistant
Regressed Lens

Selected Optional Trim:

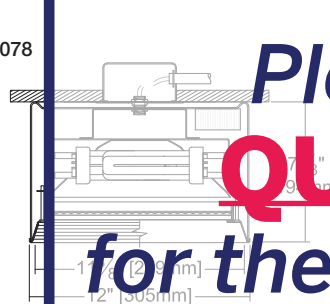
- White Grooveless Flare Option -40

Selected Optional Mounts:

- Pendant Option -PM
- Wall Bracket Option -WB

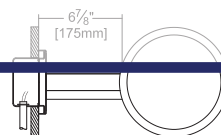
Performance at a Glance

FSV-12078

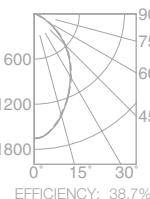


Cone of Light Key

- Ft. Distance from fixture
- FC Footcandles (average)
- Dia. Circle of light at 50% of FC
- * Dia. (in ft.) shown is where FC value is half the FC at nadir.



FSV-12078 (2 Triple 42W)

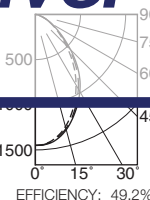


Cone of Light*

Dist.	FC	Dia.
6	46.0	5.3
8	25.9	7.0
10	16.6	8.8
12	11.5	10.5
14	8.5	12.3
16	6.5	14.1

--- 0° SC 0.9
--- 45° SC 0.9
--- 90° SC 0.9

FSV-12078 (2 Triple 32W)



Cone of Light*

Dist.	FC	Dia.
6	40.3	5.8
8	22.7	7.7
10	14.5	9.6
12	10.1	11.5
14	7.4	13.5
16	5.7	15.4

--- 0° SC 1.0
--- 45° SC 1.0
--- 90° SC 1.0

THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

2 Triple 42

CATALOG NUMBER

FSV-12078

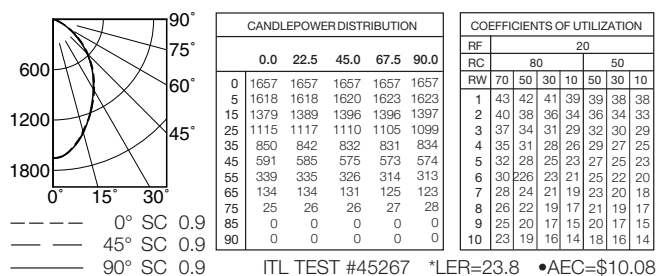
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

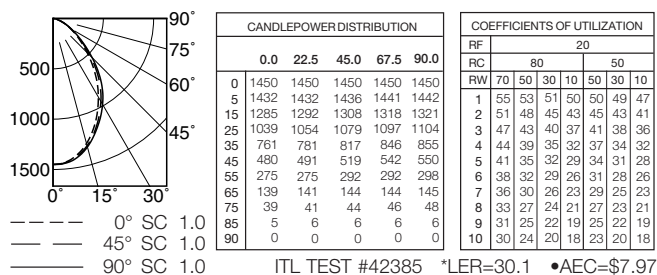
Photometry from I.T.L., Boulder, CO

FSV-12078 (2 Triple 42)



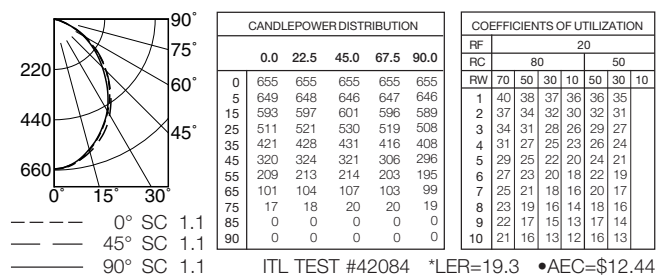
EFFICIENCY : 38.7%

FSV-12078 (2 Triple 32)



EFFICIENCY : 49.2%

FSV-12078 (2 Quad 26)



EFFICIENCY : 35.8%

* LER = Luminaire Efficiency Rating

LER = Luminaire Effic. x Total Lamp Lumens x Ballast Factor
Input Watts• AEC = Annual Energy Cost per 1000 lumens
(based on 3000 hours use @ \$0.08 KWH).

Options

Ballast, Wattage and Voltage

- 39 Installed electronic dimming ballast. Indoor use. 10°C (50°F) minimum start. Specify wattage, voltage and brand.
- 43 Lower wattage: for either 4-pin electronic 2x18W triple/quad or 2x13W quad (only). Specify wattage.
- 84 Wired for two circuits. Also see -FD.
- 97 Specify other voltage. Consult factory.
- 98 347 volt, 50/60 Hz. input. Consult factory.

Emergency Ballast - Specify Voltage¹

- Internal (factory installed) ballast, test switch and indicator light. Suitable for damp locations from 0° to 50°C (32° to 122°F) or with Cold Weather version (see -CE) -20° to 55°C (-4° to 131°F).
- 73 Internal 1-lamp EM ballast. Specify voltage.
- CE Internal cold weather (-20° to 55°C) 1-lamp EM ballast. Specify voltage.

- HE¹ Internal higher lumen (up to 1250) 1-lamp EM ballast. 13-42W only. Specify voltage.

Lenses and Trims

- 40 White tamperproof flare trim. (CP x 1.10)
- 46 Gasket between trim and lens.
- 94 Custom color/finish. Specify. Consult factory.

Luminaire (Housing) Finishes

- 35 Natural aluminum acrylic enamel.
- 37 Dark Bronze acrylic enamel.
- 38 Black acrylic enamel.
- 94 Custom color/finish. Specify. Consult factory.

Mounting

- 54 Safety cable from fixture through pendant stem and 12" beyond. Use with -PM.
- 80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's. Must add Option -89 for wet label listing.
- 87 Custom pendant length. Specify length. Use with Option -PM.

- 88 Swivel canopy for sloped ceilings up to 40°. Use with Option -PM.
- 89 Sealed top WeatherCap. Must add to Options -80, -PM and -WB for wet label listing.
- PM Pendant mount. 8" stem or see Option -87. Must add Option -89 for wet label listing.
- QM QuickConnect mount for indoor (damp or dry) use only.
- WB Wall bracket mount. Must add Option -89 for wet label listing.

Other

- 99 Special modification. Consult factory.
- FD Two additional in-line fuses. One per ballast. Use with Option -84. Not available with Option -98 (347V).
- FS Additional in-line fuse. Not available with Option -98 (347V).
- LE With 4-pin electronic lamp. 3500°K standard. 82 CRI and 12,000 hour life. Specify wattage, style and color temperature.

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

¹ Visit www.kirlinlighting.com for most current performance / specifications.