

EVOFORCE

EVOLVE
LIGHTING

PROFESSIONAL SERIES LED RETROFIT



5000K
Colour
Temperature



7 Year
Warranty

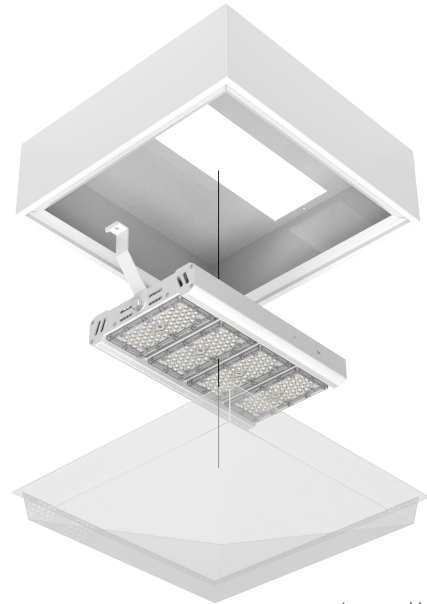


IK09
Rated



IP66
Rated

- ✓ Ultra efficient system efficacy of up to 135lm/W
- ✓ High quality Lumileds LED chips and Mean Well Driver
- ✓ Easy to install Retrofit Design
- ✓ Excellent heat management
- ✓ Wide beam distribution
- ✓ 70% Energy Savings
- ✓ >72,000hrs to L70



Lens and box not included.
For illustration purposes only

CODE	POWER	OUTPUT	EFFICACY
EVFR-120-750	120W	16,500lm*	137lm/W*
EVFR-165-750	165W	22,200lm*	135lm/W*

* Through new triumph lens

LIGHTING DATA

Light Source	Lumileds LED Chip
Lifetime @L70	>72,000hrs
CCT	5000K
CRI	>70 (>80, >90 available)
SDCM	<5 (<3 available)
Beam Angle	90°

DESIGN / CONSTRUCTION

Body Material	Aluminium
Optics Material	Polycarbonate
Finish	Powder-Coat
Colour	White

ELECTRICAL DATA

Power Supply	Mean Well HLG Driver
Input Voltage	220-240V/AC, 50-60Hz
Power Factor	>0.95
THD	<10%
Surge Protection	Line-Earth - 4kV Line-Line - 2kV
Protections	SCP, OTP, OVP, OCP
Driver Lifetime	>62,000hrs
Dimmable Options	1-10V, DALI

TECHNICAL DATA

IP Rating	IP66
IK Rating	IK09
Operating Temp	-30° to +45°C
Protection Class	Class 1
Certifications	SAA, CE
Test Reports	LM-79, TM-21
Warranty	7 Year product replacement

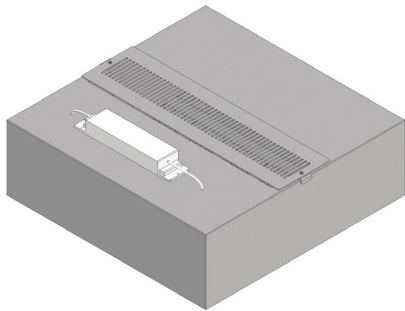
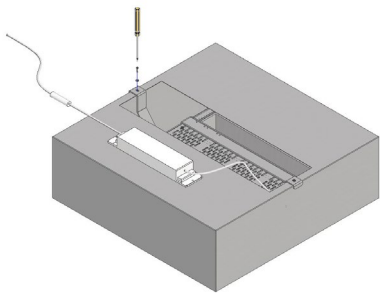
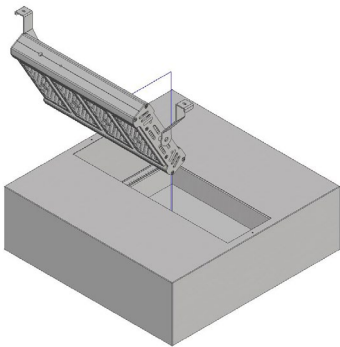


RECOMMENDED DRIVER INSTALLATION LOCATION + SURGE DATA



CIRCUIT BREAKER DATA	INRUSH CURRENT (TYP.)	MAX. No. OF PSUs ON 16A CIRCUIT BREAKER
120W (230VAC)	60A, $t_{width} = 375\mu s$ (Measured at 50% I_{peak})	5 units (circuit breaker type B) 9 units (circuit breaker type C)
165W (230VAC)	65A, $t_{width} = 445\mu s$ (Measured at 50% I_{peak})	4 units (circuit breaker type B) 7 units (circuit breaker type C)

IMAGES - INSTALLATION



PHOTOMETRIC DIAGRAM

