

## IP65 Lay-in Light Fixture

Welded Steel LED lay in light fixture for cleanroom environment

LED Class Leading Efficiency

Saves over 80% energy on T5 Fluorescent



### Certification :

Meets AS/NZS 61347 Contained in ENEC and SAA

LM-79, LM-80, TM-21, CE, ROHs, TUV



### Fixture Characteristics

- One Piece laser cut 1.0mm Steel Face, no welds on front faces
- Front or rear access options
- Stainless steel hardware
- Neoprene seals
- 4mm V0 (Tpa) LED optimised diffused PC Lens
- Minimum 80micron Powder coat finish avg. 125micron
- Modular design for easy LED maintenance
- **Fully integrated Independent >700 lumen LED emergency circuit**
- **Lithium batteries with 10 year warranty used in emergency versions**
- Fully compatible with CEAG central battery systems, can be supplied with CEAG addressable driver
- Customisable Cable entry, specify when ordering
- IP65 Ingress Protection
- Zero UV, Speak to us about Extreme no UV and low BLUE light version safe for use without filters in No UV

### Model Codes:

- LEUE-038 22W
- LEUE-031 31W
- LEUE-042 42W
- LEUE-055 54W

### Meanwell Driver as standard

Add:

- "-EM" for 3hr Emergency battery backup
- "-PLC" for plaster ceiling recess model
- "-5929" for 595x295mm
- "-5959" for 595x595mm
- "-1129" for 1195x595mm
- "-1159" for 1195x595mm
- "-FRA" for front access
- "-TFA" for top access
- "-DALI" for Dali dimming
- "-110V" for 1-10v dimming
- "-Black" or "-White" for body colour

### Electrical Characteristics

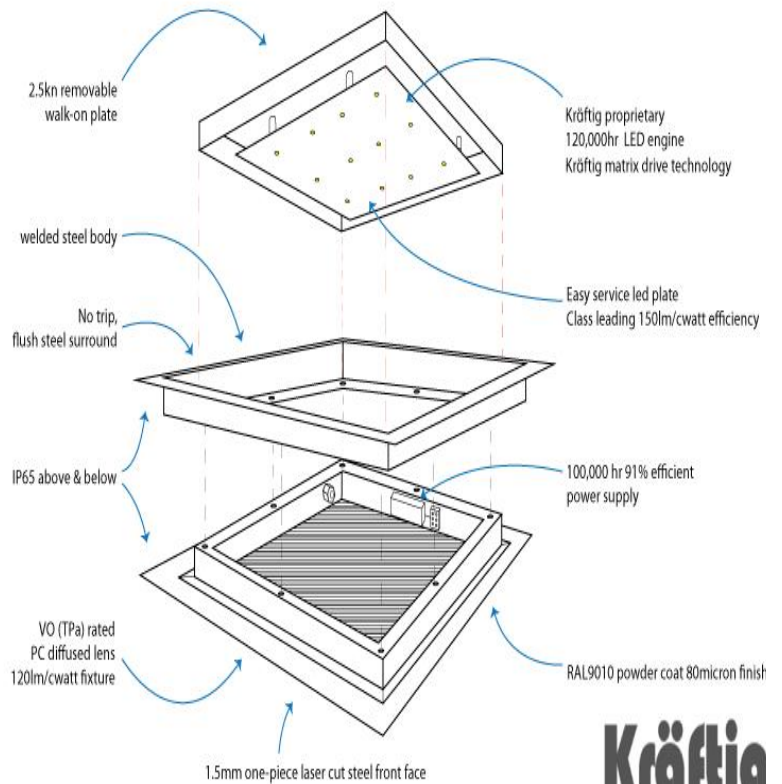
- Light Source: Taiwanese LEDs
- Input Voltage: 85-285V AC
- Power Factor: > 0.95
- Driver Efficiency: > 0.91
- THD < 10%
- Very Low Ripple, No Flicker power supplies
- Lumen Deprecation: < 1 % at 6000hrs @55C
- CCT: 2700K, 3000K, 3500K, 4000K (3-Step MacAdam)
- CRI: > 85ra (CRI Available > 95ra)
- UGR < 19







LM-79  
LM-80



# Kräftig

## LED Specifications

- THD <10%
- Fixture Efficiency: >145 lumen/circuit watt
- Minimum CRI >85ra standard & CYANOSIS COMPLIANT option available
- Working temp. -20C to +60C
- LED Lifetime >150,000hrs to L70
- Lumen Deprecation: <2% at 6000hrs @55C
- Kräftig under drive matrix PCB technology
- High LED density for uniform light distribution
- Warranty 5 years

## Standard wattages

- 31w 3,600 lumens with opal diffuser
  - 42w 4,800 lumens with opal diffuser
  - 54w 6,200 lumens with opal diffuser
- (Allow 12% extra light output for Prismatic versions)



