

FLE Flood Light Datasheet



Key Features

Efficacy: Up to 140 lm/w

LED Chip: LUMILEDS

SDCM: <5

Beam Angle: 30°/60°/90°/Type3-M PC lens

IP Rating: IP66

Installation: Bracket

Certifications: CE, RoHS

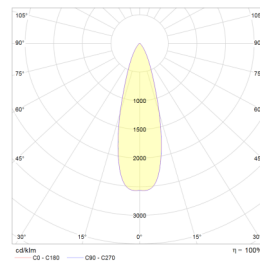
Warranty: 5 years

Applications

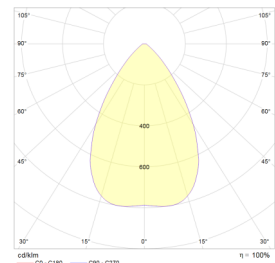
Parking Garages; Petrol and Convenience; Airports; Community centers; Indoor Sports complexes.

Photometry

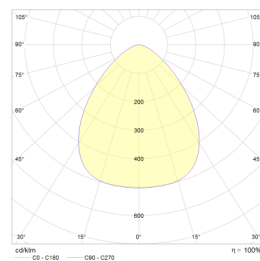
30° PC lens



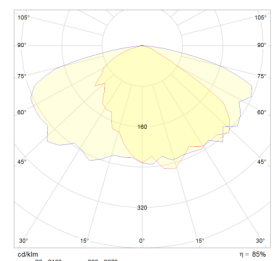
60° PC lens



90° PC lens



Type 3-M PC lens



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Product Data

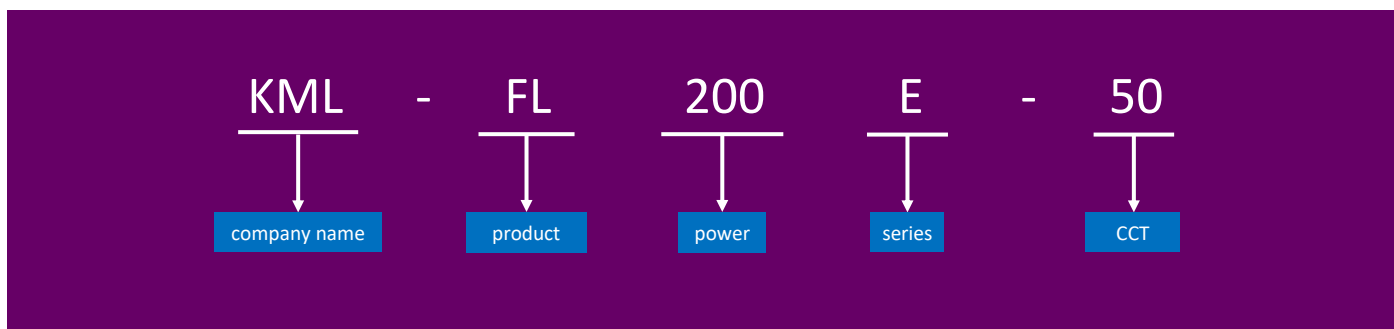
| SKU | KML-FL080E | KML-FL100E | KML-FL150E | KML-FL200E | KML-FL240E | KML-FL300E |
|---------------------|-------------------------------|------------|------------|------------|------------|------------|
| Wattage | 80W | 100W | 150W | 200W | 240W | 300W |
| Lumen Output | 11,200 lm | 14,000 lm | 21,000 lm | 28,000 lm | 33,600 lm | 42,000 lm |
| Luminous Efficacy | 140 lm/w | | | | | |
| CCT | 3000K/4000K/5000K/5700K/6500K | | | | | |
| CRI | Ra≥70 (Ra≥80 optional) | | | | | |
| Input Voltage | 100 to 277 VAC | | | | | |
| Housing Color | Black/Gray | | | | | |
| Housing Material | Aluminum die cast, Glass, PC | | | | | |
| Working Temperature | -30°C ~+55°C | | | | | |
| Working Humidity | 10% ~ 90% RH | | | | | |
| Lifespan | 100,000 hrs | | | | | |
| Warranty | 5 years | | | | | |

ErP Technical Specification

| Item | Specification/Data |
|--------------------------------------|----------------------|
| Efficiency In | >93% |
| Power Factor | PF>0.90 |
| Energy Efficiency Class | D |
| Standard Deviation of Color Matching | <5 |
| Starting Time | <0.2S |
| Warm-up Time to 60% | <0.5S |
| Lumen Maintenance at e.o.l. | >70% |
| Lifetime | L70/B10@100,000hours |

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Ordering Information

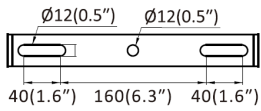
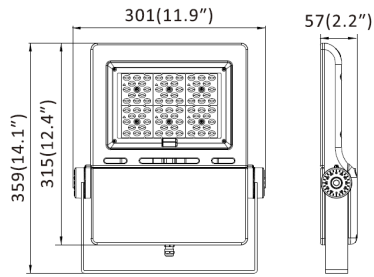


Packaging

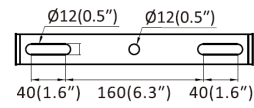
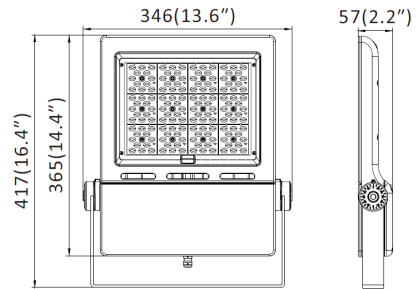
| SKU | PCS/CTN | N.W | G.W | Volumetric Weight | CBM | 20' GP | 40' GP |
|------------|---------|--------|---------|-------------------|--|-----------|-----------|
| KML-FL080E | 1 | 4.0 kg | 4.6 kg | 3.0 kg | L420xW345xH100 mm \approx 0.014 m ³ | 2000 CTNs | 4857 CTNs |
| KML-FL100E | 1 | 4.0 kg | 4.6 kg | 3.0 kg | L420xW345xH100 mm \approx 0.014 m ³ | 2000 CTNs | 4857 CTNs |
| KML-FL150E | 1 | 5.4 kg | 6.1 kg | 3.7 kg | L470xW390xH100 mm \approx 0.018 m ³ | 1555 CTNs | 3777 CTNs |
| KML-FL200E | 1 | 6.5 kg | 7.3 kg | 4.5 kg | L540xW415xH100 mm \approx 0.022 m ³ | 1272 CTNs | 3090 CTNs |
| KML-FL240E | 1 | 9.5 kg | 10.7 kg | 6.0 kg | L630xW480xH100 mm \approx 0.030 m ³ | 933 CTNs | 2266 CTNs |
| KML-FL300E | 1 | 9.8 kg | 11.0 kg | 6.0 kg | L630xW480xH100 mm \approx 0.030 m ³ | 933 CTNs | 2266 CTNs |

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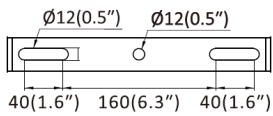
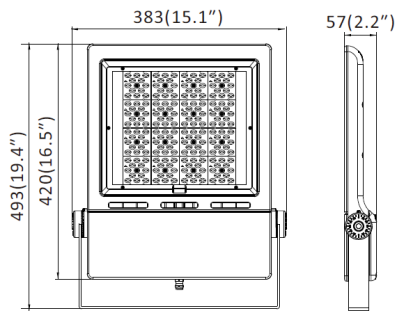
Dimension (unit: mm/inch)



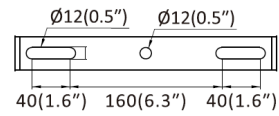
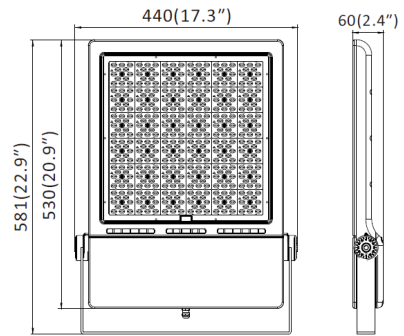
KML-FL080E/KML-FL100E



KML-FL150E



KML-FL200E



KML-FL240E/KML-FL300E