

Libra2 Adjustable Sports Light



The Magnatech LED Optolite Libra is a versatile adjustable modular LED flood light suitable for both indoor and outdoor use.

The wide range of optics available means the Libra is suitable for use for area lighting, such as car parks and warehouses, sports areas and tunnel lighting. Each module is adjustable through $\pm 15^\circ$ for precise targeting.

The PC lens gives impact protection to IK10 and the fin type housing ensures good heat dissipation.

Magnatech LED offers a wide range of smart lighting controls for the Libra including adaptive lighting sensors, dimming microwave sensors and wireless cluster control.

The Libra can be supplied with dimmable drivers suitable for DALI, 0-10V and PWM systems.



| Series | Driver | Total Power | No of Rows | CCT | Beam Angle | Options |
|--------|------------------|-------------|------------|----------|-------------|-------------|
| FL16 | SA=Sosen G | 12=120W | A=1 | 30=3000K | L=20°*20° | 00=None |
| | SB=Sosen H | 24=240W | B=2 | 40=4000K | M=40°*40° | 10=10kV SPD |
| | SF=Sosen G 0-10V | 32=320W | | 50-5000K | D=60°*60° | |
| | SG=Sosen H 0-10V | 48=480W | | 60=6000K | E=90°*90° | |
| | | etc | | | K=140°*100° | |

| Model | FL16 | | | | | | | | | |
|---|--|---------|--------|--------|---------|------------|---------|---------|---------|---------|
| | Single row | | | | | Double row | | | | |
| Power | 120W | 240W | 320W | 480W | 720W | 480W | 720W | 960W | 1200W | 1440W |
| Lumens | 16,800 | 33,600 | 44,800 | 67,200 | 100,800 | 67,200 | 100,800 | 134,400 | 168,000 | 201,600 |
| LED Qty | 46 | 92 | 138 | 184 | 276 | 184 | 276 | 368 | 460 | 552 |
| LED type | Philips Lumiled Luxeon 5050. Other brands available on request | | | | | | | | | |
| CRI | >70 | | | | | | | | | |
| Colour Temp. | 3000K, 4000K, 5000K, 6000K or specified from 2000K to 7000K | | | | | | | | | |
| Driver | Sosen G 200-277V, Sosen H 100-277V. Other drivers by request | | | | | | | | | |
| Beam Angle | 20°*20°, 40°*40°, 60°*60°, 90°*90°, 140°*100° | | | | | | | | | |
| Dimensions | 116x132 | 362x132 | | | | 649x132 | | | | |
| Length | 309 | 268 | 398 | 530 | 794 | 266 | 398 | 530 | 662 | 794 |
| N.W. | 2.5kg | 5.2kg | 6.6kg | 9.1kg | 13.6kg | 9.0kg | 12.2kg | 18.1kg | 21.9kg | 27.1kg |
| Material | Case aluminium, Lens PC | | | | | | | | | |
| Protection | IP66, IK10 | | | | | | | | | |
| Packing | 268x172 | 417x172 | | | | 705x172 | | | | |
| Length | 365 | 380 | 512 | 640 | 908 | 380 | 512 | 640 | 776 | 908 |
| G.W. | 2.80kg | 5.60kg | 7.25kg | 9.85kg | 15.5kg | 9.9kg | 13.4kg | 19.3kg | 23.6kg | 28.5kg |
| All packing information is nominal and will be confirmed at time of shipping. | | | | | | | | | | |
| E&O E. Magnatech LED reserve the right to change details without notice. | | | | | | | | | | |

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