

MADO SURFACE LED DOWNLIGHT



KEY FEATURES

- Professional LED SURFACE downlight
- External LED driver
- Long lifetime 120.000 (L80B10) 57.000(L90B50)
- 5 year Pragmalux Warranty

DETAILS



Reflector

IP40 IK02    CRI ≥ 80

5 PRAGMALUX
YEAR
WARRANTY

OPTIONS



GST
1813/5

CASAMBI

RAL
COLOR



2700K 3000K 5000K CRI>90

COLORS



SPECIFICATIONS

| ITEM CODE | DESCRIPTION | W | LM | LM/W | KELVIN | LIFETIME L80B10 | BEAM ANGLE |
|-----------|---|----|------|------|--------|--------------------|---------------|
| 3501451 | LED Downlight MADO Surface 5W 3000K 635lm Ø130 ↓140 Matt | 5 | 635 | 127 | 3000 | 120000 | 73° |
| 3501452 | LED Downlight MADO Surface 5W 4000K 665lm Ø130 ↓140 Matt | 5 | 665 | 133 | 4000 | 120000 | 73° |
| 3501238 | LED Downlight MADO Surface 9W 3000K 1025lm Ø130 ↓140 Matt | 9 | 1025 | 114 | 3000 | 120000 | 73° |
| 3501252 | LED Downlight MADO Surface 9W 4000K 1075lm Ø130 ↓140 Matt | 9 | 1075 | 119 | 4000 | 120000 | 73° |
| 3501253 | LED Downlight MADO Surface 13W 3000K 1390lm Ø130 ↓140 Matt | 13 | 1390 | 107 | 3000 | 120000 | 73° |
| 3501239 | LED Downlight MADO Surface 13W 4000K 1460lm Ø130 ↓140 Matt | 13 | 1460 | 112 | 4000 | 120000 | 73° |
| 3501453 | LED Downlight MADO Surface 19W 3000K 1900lm Ø130 ↓140 Matt | 19 | 1900 | 100 | 3000 | 120000 | 73° |
| 3501454 | LED Downlight MADO Surface 19W 4000K 1985lm Ø130 ↓140 Matt | 19 | 1985 | 104 | 4000 | 120000 | 73° |
| 3501455 | LED Downlight MADO Surface 9W 3000K 1125lm Ø160 ↓150 Matt | 9 | 1125 | 125 | 3000 | 120000 | 77° |
| 3501456 | LED Downlight MADO Surface 9W 4000K 1185lm Ø160 ↓150 Matt | 9 | 1185 | 132 | 4000 | 120000 | 77° |
| 3501246 | LED Downlight MADO Surface 12W 3000K 1565lm Ø160 ↓150 Matt | 12 | 1565 | 130 | 3000 | 120000 | 77° |
| 3501247 | LED Downlight MADO Surface 12W 4000K 1645lm Ø160 ↓150 Matt | 12 | 1645 | 137 | 4000 | 120000 | 77° |
| 3501248 | LED Downlight MADO Surface 18W 3000K 2190lm Ø160 ↓150 Matt | 18 | 2190 | 122 | 3000 | 120000 | 77° |
| 3501249 | LED Downlight MADO Surface 18W 4000K 2300lm Ø160 ↓150 Matt | 18 | 2300 | 128 | 4000 | 120000 | 77° |
| 3501457 | LED Downlight MADO Surface 25W 3000K 2990lm Ø160 ↓150 Matt | 25 | 2990 | 120 | 3000 | 120000 | 77° |
| 3501458 | LED Downlight MADO Surface 25W 4000K 3140lm Ø160 ↓150 Matt | 25 | 3140 | 126 | 4000 | 120000 | 77° |
| 3501459 | LED Downlight MADO Surface 9W 3000K 1110lm Ø205 ↓190 Matt | 9 | 1110 | 123 | 3000 | 120000 | 74° |
| 3501460 | LED Downlight MADO Surface 9W 4000K 1170lm Ø205 ↓190 Matt | 9 | 1170 | 130 | 4000 | 120000 | 74° |
| 3501330 | LED Downlight MADO Surface 12W 3000K 1545lm Ø205 ↓190 Matt | 12 | 1545 | 129 | 3000 | 120000 | 74° |
| 3501337 | LED Downlight MADO Surface 12W 4000K 1625lm Ø205 ↓190 Matt | 12 | 1625 | 135 | 4000 | 120000 | 74° |
| 3501461 | LED Downlight MADO Surface 18W 3000K 2160lm Ø205 ↓190 Matt | 18 | 2160 | 120 | 3000 | 120000 | 74° |
| 3501462 | LED Downlight MADO Surface 18W 4000K 2270lm Ø205 ↓190 Matt | 18 | 2270 | 126 | 4000 | 120000 | 74° |
| 3501348 | LED Downlight MADO Surface 25W 3000K 2950lm Ø205 ↓190 Matt | 25 | 2950 | 118 | 3000 | 120000 | 74° |
| 3501360 | LED Downlight MADO Surface 25W 4000K 3100lm Ø205 ↓190 Matt | 25 | 3100 | 124 | 4000 | 120000 | 74° |
| 3501463 | LED Downlight MADO Surface 33W 3000K 3690lm Ø205 ↓190 Matt | 33 | 3690 | 112 | 3000 | 120000 | 74° |
| 3501464 | LED Downlight MADO Surface 33W 4000K 3875lm Ø205 ↓190 Matt | 33 | 3875 | 117 | 4000 | 120000 | 74° |
| 3501335 | LED Downlight MADO Surface 12W 4000K 1625lm Ø205 ↓190 Cross | 39 | 4385 | 112 | 4000 | 120000 | 93° |
| 3501374 | LED Downlight MADO Surface 18W 3000K 2160lm Ø205 ↓190 Cross | 12 | 1545 | 129 | 3000 | 120000 | 93° |

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|-----------|---|----|------|------|--------|-----------------|------------|
| 3501346 | LED Downlight MADO Surface 25W 3000K 2950lm Ø205 ↓190 Cross | 18 | 2160 | 120 | 3000 | 120000 | 93° |
| 3501358 | LED Downlight MADO Surface 25W 4000K 3100lm Ø205 ↓190 Cross | 18 | 2270 | 126 | 4000 | 120000 | 93° |

TECHNICAL DATA

| ELECTRICAL DATA | |
|------------------|---------------------|
| Voltage (V) | 220-240 |
| Frequency (Hz) | 50/60 |
| Power factor (λ) | ≥0.95 |
| Operating mode | External LED Driver |

TEMPERATURES & OPERATING CONDITIONS

| | |
|---------------------|------|
| Ambient temperature | 25°C |
|---------------------|------|

COLORS & MATERIALS

| | |
|-----------------------|----------|
| Color (Housing) | White |
| Material (Housing) | Aluminum |
| Material (Reflector) | Aluminum |

CERTIFICATES & STANDARDS

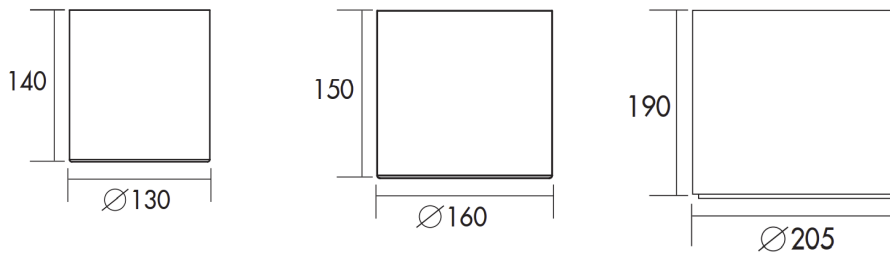
| | |
|----------------------------|------------------|
| Driver certificates | CE |
| Fixture certificates | CE |
| Ingress protection | IP20 |
| Protection class | II |
| Protection class IK | 02 |
| IEC | EN IEC 62722-2-1 |
| LM80 (TM21) L90B50 (hours) | >50,000 |

CAPABILITIES

| | |
|-----------------------|----------|
| Dimmable | No / Yes |
| LED Module replacable | No |

| CIRCUIT BREAKER SPECIFICATIONS | DRIVER FAILURE RATE AT 5.000H | INRUSH CURRENT IPEAK (A) | INRUSH CURRENT TWIDTH (μs) | MAX. NO. OF DRIVERS ON MCB TYPE B 16A |
|--------------------------------|-------------------------------|--------------------------|----------------------------|---------------------------------------|
| | ≤1% | 5 | 50 | 50 |

DIMENSIONS



EXTRA INFORMATION



PHOTOMETRIC SPECIFICATIONS

LED DOWNLIGHT MADO SURFACE 25W 3000K MATT

