

# MADO 150 LED DOWNLIGHT

**PRAGMALUX**  
PROFESSIONAL LIGHTING

## KEY FEATURES

- Professional LED downlight
- UGR <19 in accordance with EN-12464: 1 (workplace lighting requirements)
- External LED driver
- Long lifetime 120.000 (L80B10) 57.000(L90B50)
- 5 year Pragmalux Warranty



IP20 IP44 IK02      CRI ≥80

**5** PRAGMALUX  
YEAR  
WARRANTY

## DETAILS



Reflector



Installation detail

## OPTIONS



2700K 3000K 5000K CRI>90

IP65

## COLORS



## SPECIFICATIONS

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	LIFETIME L80B10	BEAM ANGLE	IP
3501419	LED Downlight MADO 150 9W 3000K 1410lm Ø150 Z:135 †91 Darklight	9	1410	156	3000	120000	70°	20
3501421	LED Downlight MADO 150 9W 4000K 1480lm Ø150 Z:135 †91 Darklight	9	1480	164	4000	120000	70°	20
3501420	LED Downlight MADO 150 12W 3000K 1900lm Ø150 Z:135 †91 Darklight	12	1900	158	3000	120000	70°	20
3501434	LED Downlight MADO 150 12W 4000K 2005lm Ø150 Z:135 †91 Darklight	12	2005	167	4000	120000	70°	20
3501215	LED Downlight MADO 150 18W 3000K 2630lm Ø150 Z:135 †91 Darklight	18	2630	146	3000	120000	70°	20
3501216	LED Downlight MADO 150 18W 4000K 2760lm Ø150 Z:135 †91 Darklight	18	2760	153	4000	120000	70°	20
3501217	LED Downlight MADO 150 25W 3000K 3540lm Ø150 Z:135 †91 Darklight	25	3540	141	3000	120000	70°	20
3501218	LED Downlight MADO 150 25W 4000K 3720lm Ø150 Z:135 †91 Darklight	25	3720	148	4000	120000	70°	20
3501219	LED Downlight MADO 150 33W 3000K 4380lm Ø150 Z:135 †91 Darklight	33	4380	132	3000	120000	70°	20
3501220	LED Downlight MADO 150 33W 4000K 4600lm Ø150 Z:135 †91 Darklight	33	4600	139	4000	120000	70°	20
3501433	LED Downlight MADO 150 9W 3000K 1125lm Ø150 Z:135 †91 Matt	9	1125	125	3000	120000	74°	44
3501435	LED Downlight MADO 150 9W 4000K 1185lm Ø150 Z:135 †91 Matt	9	1185	131	4000	120000	74°	44
3501434	LED Downlight MADO 150 12W 3000K 1565lm Ø150 Z:135 †91 Matt	12	1565	130	3000	120000	74°	44
3501436	LED Downlight MADO 150 12W 4000K 1645lm Ø150 Z:135 †91 Matt	12	1645	137	4000	120000	74°	44
2501240	LED Downlight MADO 150 18W 3000K 2190lm Ø150 Z:135 †91 Matt	18	2190	121	3000	120000	74°	44
3501241	LED Downlight MADO 150 18W 4000K 2300lm Ø150 Z:135 †91 Matt	18	2300	127	4000	120000	74°	44
3501242	LED Downlight MADO 150 25W 3000K 2990lm Ø150 Z:135 †91 Matt	25	2990	119	3000	120000	74°	44
3501243	LED Downlight MADO 150 25W 4000K 3140lm Ø150 Z:135 †91 Matt	25	3140	125	4000	120000	74°	44
3501244	LED Downlight MADO 150 33W 3000K 3740lm Ø150 Z:135 †91 Matt	33	3740	113	3000	120000	74°	44
3501245	LED Downlight MADO 150 33W 4000K 3930lm Ø150 Z:135 †91 Matt	33	3930	119	4000	120000	74°	44
3501431	LED Downlight MADO 150 9W 3000K 1125lm Ø150 Z:135 †91 Gloss	9	1125	125	3000	120000	83°	44
3501432	LED Downlight MADO 150 9W 4000K 1185lm Ø150 Z:135 †91 Gloss	9	1185	131	4000	120000	83°	44
3501423	LED Downlight MADO 150 12W 3000K 1565lm Ø150 Z:135 †91 Gloss	12	1565	130	3000	120000	83°	44
3501424	LED Downlight MADO 150 12W 4000K 1645lm Ø150 Z:135 †91 Gloss	12	1645	137	4000	120000	83°	44
3501425	LED Downlight MADO 150 18W 3000K 2190lm Ø150 Z:135 †91 Gloss	18	2190	121	3000	120000	83°	44
3501426	LED Downlight MADO 150 18W 4000K 2300lm Ø150 Z:135 †91 Gloss	18	2300	127	4000	120000	83°	44
3501427	LED Downlight MADO 150 25W 3000K 2990lm Ø150 Z:135 †91 Gloss	25	2990	119	3000	120000	83°	44
3501428	LED Downlight MADO 150 25W 4000K 3140lm Ø150 Z:135 †91 Gloss	25	3140	125	4000	120000	83°	44

## PRAGMALUX

All rights reserved. Pragmalux - PDL Lighting Group B.V. retains the right to modify product specifications without any prior notice or obligation and does not assume any liability for any consequences of using this document. Subject to errors and printing errors. Luminous flux tolerance: +/- 10%. Power consumption tolerance: +/- 10%.

Version: June 2021

Page 1/2

# MADO 150 LED DOWNLIGHT

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	LIFETIME L80B10	BEAM ANGLE	IP
3501429	LED Downlight MADO 150 33W 3000K 3740lm Ø150 Z:135 †91 Gloss	33	3740	113	3000	120000	83°	44
3501430	LED Downlight MADO 150 33W 4000K 3930lm Ø150 Z:135 †91 Gloss	33	3930	119	4000	120000	83°	44

## TECHNICAL DATA

### ELECTRICAL DATA

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

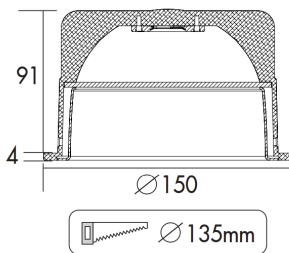
### TEMPERATURES & OPERATING CONDITIONS

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

### COLORS & MATERIALS

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

## DIMENSIONS



### CERTIFICATES & STANDARDS

Driver certificates	CE
Fixture certificates	CE
Ingress protection	IP20 / IP44
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

## EXTRA INFORMATION



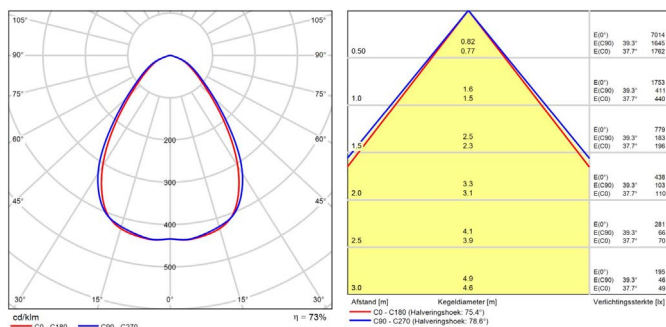
Darklight version



Gloss version

## PHOTOMETRIC SPECIFICATIONS

### LED DOWNLIGHT MADO 150 25W 3000K MATT



## PRAGMALUX

All rights reserved. Pragmalux - PDL Lighting Group B.V. retains the right to modify product specifications without any prior notice or obligation and does not assume any liability for any consequences of using this document. Subject to errors and printing errors. Luminous flux tolerance: +/- 10%. Power consumption tolerance: +/- 10%.

Version: June 2021

