

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



DETAILS



Reflector



Installation detail

IP20 IP44 IK02      CRI ≥80

5 PRAGMALUX
YEAR
WARRANTY

OPTIONS



GST
1813/5

CASAMBI

RAL
COLOR



2700K 3000K 5000K CRI>90

IP65

COLORS



SPECIFICATIONS

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	LIFETIME L80B10	BEAM ANGLE	IP
3501575	LED Downlight MADO 240 12W 3000K 1777lm Ø240 Z:200 †100 Darklight	12	1777	148	3000	120000	79°	20
3501581	LED Downlight MADO 240 12W 4000K 1869lm Ø240 Z:200 †100 Darklight	12	1869	156	4000	120000	79°	20
3501576	LED Downlight MADO 240 18W 3000K 2486lm Ø240 Z:200 †100 Darklight	18	2486	138	3000	120000	79°	20
3501582	LED Downlight MADO 240 18W 4000K 2612lm Ø240 Z:200 †100 Darklight	18	2612	145	4000	120000	79°	20
3501577	LED Downlight MADO 240 25W 3000K 3395lm Ø240 Z:200 †100 Darklight	25	3395	136	3000	120000	79°	20
3501583	LED Downlight MADO 240 25W 4000K 3566lm Ø240 Z:200 †100 Darklight	25	3566	143	4000	120000	79°	20
3501578	LED Downlight MADO 240 33W 3000K 4248lm Ø240 Z:200 †100 Darklight	33	4248	129	3000	120000	79°	20
3501584	LED Downlight MADO 240 33W 4000K 4460lm Ø240 Z:200 †100 Darklight	33	4460	135	4000	120000	79°	20
3501579	LED Downlight MADO 240 39W 3000K 4890lm Ø240 Z:200 †100 Darklight	39	4890	125	3000	120000	79°	20
3501585	LED Downlight MADO 240 39W 4000K 5048lm Ø240 Z:200 †100 Darklight	39	5048	129	4000	120000	79°	20
3501563	LED Downlight MADO 240 12W 3000K 1545lm Ø240 Z:200 †100 Matt	12	1454	121	3000	120000	74°	44
3501569	LED Downlight MADO 240 12W 4000K 1625lm Ø240 Z:200 †100 Matt	12	1625	135	4000	120000	74°	44
3501564	LED Downlight MADO 240 18W 3000K 2160lm Ø240 Z:200 †100 Matt	18	2160	120	3000	120000	74°	44
3501570	LED Downlight MADO 240 18W 4000K 2270lm Ø240 Z:200 †100 Matt	18	2270	126	4000	120000	74°	44
3501565	LED Downlight MADO 240 25W 3000K 2950lm Ø240 Z:200 †100 Matt	25	2950	118	3000	120000	74°	44
3501571	LED Downlight MADO 240 25W 4000K 3100lm Ø240 Z:200 †100 Matt	25	3100	124	4000	120000	74°	44
3501566	LED Downlight MADO 240 33W 3000K 3960lm Ø240 Z:200 †100 Mat	33	3960	120	3000	120000	74°	44
3501572	LED Downlight MADO 240 33W 4000K 3875lm Ø240 Z:200 †100 Matt	33	3875	117	4000	120000	74°	44
3501567	LED Downlight MADO 240 39W 3000K 4250lm Ø240 Z:200 †100 Matt	39	4250	109	3000	120000	74°	44
3501573	LED Downlight MADO 240 39W 4000K 4385lm Ø240 Z:200 †100 Matt	39	4385	112	4000	120000	74°	44
3501551	LED Downlight MADO 240 12W 3000K 1695lm Ø240 Z:200 †100 Gloss	12	1454	121	3000	120000	83°	44
3501557	LED Downlight MADO 240 12W 4000K 1780lm Ø240 Z:200 †100 Gloss	12	1625	135	4000	120000	83°	44
3501552	LED Downlight MADO 240 18W 3000K 2370lm Ø240 Z:200 †100 Gloss	18	2160	120	3000	120000	83°	44
3501558	LED Downlight MADO 240 18W 4000K 2490lm Ø240 Z:200 †100 Gloss	18	2270	126	4000	120000	83°	44
3501553	LED Downlight MADO 240 25W 3000K 3235lm Ø240 Z:200 †100 Gloss	25	2950	118	3000	120000	83°	44
3501559	LED Downlight MADO 240 25W 4000K 3395lm Ø240 Z:200 †100 Gloss	25	3100	124	4000	120000	83°	44
3501554	LED Downlight MADO 240 33W 3000K 4045lm Ø240 Z:200 †100 Gloss	33	3960	120	3000	120000	83°	44
3501560	LED Downlight MADO 240 33W 4000K 4250lm Ø240 Z:200 †100 Gloss	33	3875	117	4000	120000	83°	44

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Version: June 2021

MADO 240 LED DOWNLIGHT

ITEM CODE	DESCRIPTION	W	LM	LM/W	KELVIN	LIFETIME L80B10	BEAM ANGLE	IP
3501555	LED Downlight MAD0 240 39W 3000K 4655lm Ø240 Z:200 †100 Gloss	39	4250	109	3000	120000	83°	44
3501561	LED Downlight MAD0 240 39W 4000K 4810lm Ø240 Z:200 †100 Gloss	39	4385	112	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

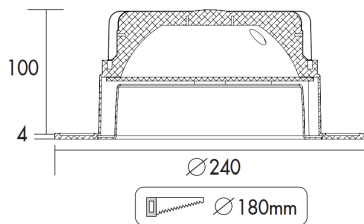
TEMPERATURES & OPERATING CONDITIONS

Ambient temperature	25°C
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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



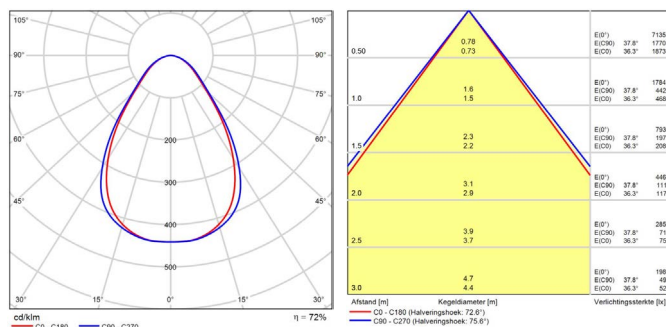
Darklight reflector version



Gloss version

PHOTOMETRIC SPECIFICATIONS

LED DOWNLIGHT MAD0 240 25W 3000K MATT



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