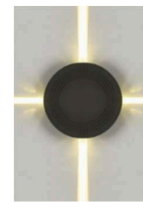


MORTEN

Narrow-Beam Wall Luminaire

A die-cast aluminum LED wall luminaire producing one to four narrow 3° beams across the wall surface. Available in round or square configurations, each 5.91" wide with a projection under 2". Each aperture features an individual 2W LED module. IP65 and IK08 rated for interior and exterior applications.

- One to four apertures — from a single blade to a four-way cross
- 3° beam per aperture — a tight blade of light, not a wash
- 2W per aperture — 2 to 8W total
- 2700K / 3000K / 4000K / 6500K, plus tunable white and RGBW
- 90 CRI · IP65 · IK08 · withstand 3.75kV, surge 6kV
- Surface mounts over an octagonal outlet box; a deep box is required for the remote driver
- Five RAL powder-coat finishes; custom RAL available

**Round****Square**

4-aperture shown · 1 to 4 apertures, 3° each

cETLus

CE

CB

RoHS

SAA

IP65

IK08

LUMEN OUTPUT	160 – 668 lm delivered (by aperture count & CCT)
COLOR TEMP / CCT	2700 / 3000 / 4000 / 6500K · Tunable White · RGBW
CRI	90 (Ra)
DISTRIBUTION	3° per aperture
LED SOURCE	GUBO LED · GUBO driver
WATTAGE	2W per aperture · 2 – 8W total
VOLTAGE	100–277V AC · 100–240V AC · 12 / 24 / 42V DC (remote driver)
POWER FACTOR	>0.4 – >0.6 (by aperture count)
DIMMING	PWM · DMX512 · TRIAC · 0–10V · DALI · Zigbee · Bluetooth · 2.4G RF (non-dimming standard)

SURGE PROTECTION	6kV · withstand voltage 3.75kV
DRIVER	GUBO integral driver · remote constant-voltage driver on DC versions
FINISH	White, Black, Grey, Anthracite Grey, Brass
IP / IMPACT	IP65 · IK08
MATERIAL	Die-cast aluminum · high-efficiency PC lens
MOUNTING	Surface mount over an octagonal outlet box · deep box required for the driver
DIMENSIONS	5.91" across × 1.97" projection (Ø 150 or 150 × 150 mm, 50 mm deep)
LIFETIME	>50,000 hours
WARRANTY	5-Year

ORDERING

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

MODEL	SHAPE	APERTURE	VOLTAGE	CCT	CONTROLS	FINISH
MORTEN	RD Round SQ Square	A1 1 aperture · 2W A2180 2 apertures · 180° apart · 4W A290 2 apertures · 90° apart · 4W A3 3 apertures · 90° apart · 6W A4 4 apertures · 90° apart · 8W	U 100-277V L 100-240V DC12 12V DC* DC24 24V DC* DC42 42V DC*	27 2700K 30 3000K 40 4000K 65 6500K TW Tunable White (2700-6500K) RGBW RGBW (2700K white)	N Non-dimming (standard) PWM PWM DMX DMX512 TR TRIAC** DV 0-10V** DA DALI** ZB Zigbee** BT Bluetooth** RF 2.4G RF**	WH White BK Black GY Grey AGY Anthracite Grey BRS Brass CC Custom RAL

* DC versions are supplied with a remote constant-voltage driver. ** Requires the remote-driver (DC) build.

Build Your Order Code — example values shown in grey

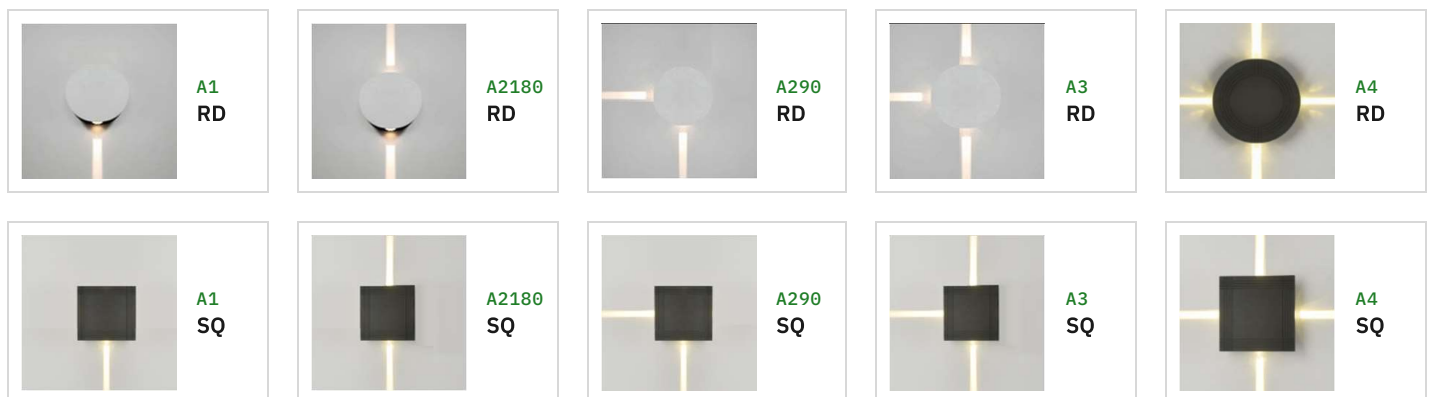
MODEL	SHAPE	APERTURE	VOLTAGE	CCT	CONTROLS	FINISH
MORTEN	RD	A4	U	30	N	BK
MORTEN	RD	A4	U	30	N	BK

STANDARD FINISHES



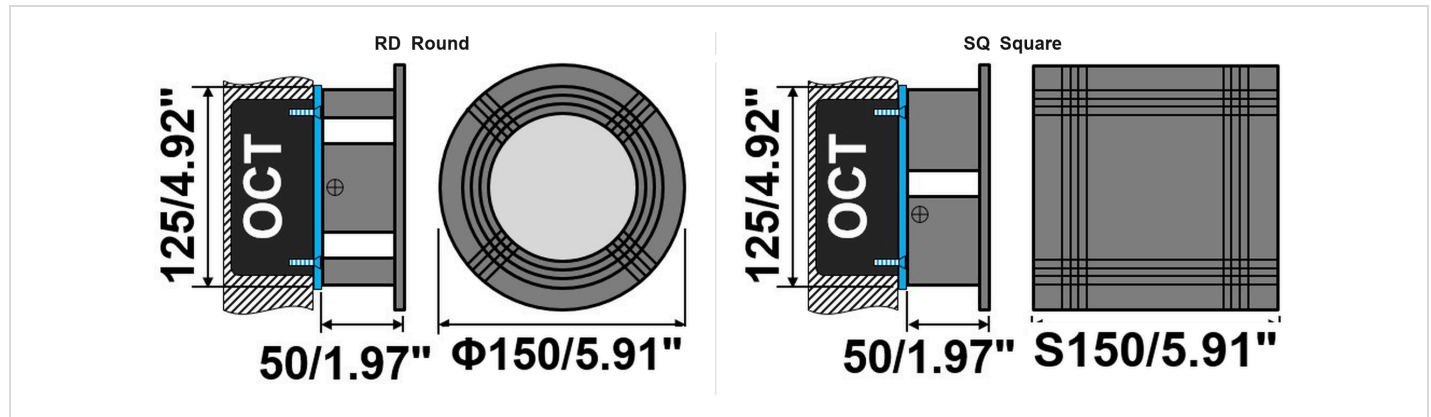
CONFIGURATIONS

Each configuration is offered in both shapes — RD round, SQ square



DIMENSIONS

SHAPE	ACROSS	PROJECTION	OUTLET BOX
RD Round	5.91" (Ø 150 mm)	1.97" (50 mm)	125 mm octagonal
SQ Square	5.91" (150 mm)	1.97" (50 mm)	125 mm octagonal



OPTIONS

MADE TO ORDER — CONSULT FACTORY

CM	Custom CCT — 1800K to 10000K, or red / green / blue / yellow	GL	Full-spectrum grow light, 380 – 840 nm
CR	Ra80, or Ra97 with RG0 eye-protection rating	FBB	JBOX mounting kit
		SFH	Custom housing finish to a RAL code

PHOTOMETRY

DELIVERED LUMENS BY APERTURE COUNT & CCT

APERTURES · TOTAL W	2700K	3000K	4000K	6500K	TUNABLE WHITE	RGBW
1 · 2W	160 lm	167 lm	165 lm	165 lm	120 lm	100 lm
2 · 4W	320 lm	334 lm	330 lm	330 lm	240 lm	200 lm
3 · 6W	480 lm	501 lm	495 lm	495 lm	360 lm	300 lm
4 · 8W	640 lm	668 lm	660 lm	660 lm	480 lm	400 lm

Each aperture carries its own 2W module; totals are the per-aperture figure times the aperture count, as published. Power factor >0.4 at one aperture, >0.5 at two or three, >0.6 at four. Measured at 25°C; power and flux tolerance ±10%, CRI ±5.

Distribution 3° per aperture **Efficacy** — **IES File** On request