INDOOR LUMINAIRES — RECTANGULAR BULKHEAD

AQUA-R Rectangular Bulkhead

LC-BH03-12W-R | 12W | 1500 LM | 130 LM/W | IP65 | SMD2835

220–240V · W323*W100*H97 MM · PF >0.9 · WHITE · 5-YEAR WARRANTY



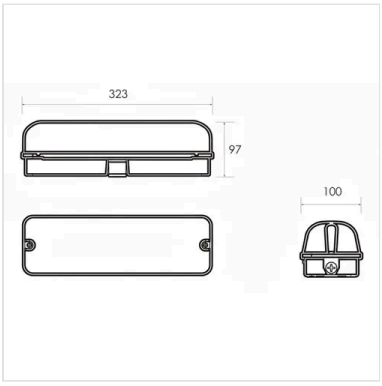
KEY FACTS

AQUA-R is a rectangular IP65 bulkhead for bathrooms and corridors — one **12W LC-BH03-12W-R delivers 1500lm ±5% at up to 130 lm/W** from SMD2835 inside a sealed **W323*W100*H97 mm** housing for wall or ceiling mount. Microwave, PIR or emergency versions share the same white shell; the series reaches 24W max for longer runs.

POWER	12W ±5% (series max 24W)
OUTPUT	1500lm ±5% · 130 lm/W
LIGHT	SMD2835 · PF >0.9
CCT	4000K (3000/5000K on request)
SUPPLY	220–240V AC 50/60Hz
PROTECTION	IP65 · W323*W100*H97 mm · White

Bathrooms · Corridors · Balconies · Utility rooms

ORDERING — AQUA-R · 12W · W323*W100*H97



ORDER CODE	POWER	SIZE (W×D×H)	LUMEN @4000K	FUNCTION
5711012	12W	W323*W100*H97 mm	1500lm	Standard on/off
5711012M	12W	W323*W100*H97 mm	1500lm	Microwave sensor
5711012P	12W	W323*W100*H97 mm	1500lm	PIR sensor
5711012E	12W	W323*W100*H97 mm	1500lm	Emergency 3h

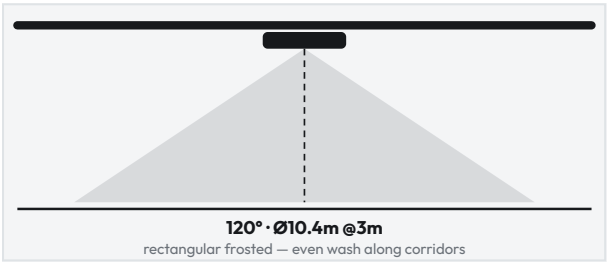
※ Full code = table code + CCT(K30/K40/K50), e.g. 5711012M-K40 (Microwave 4000K)
M=Microwave · P=PIR · E=Emergency 3h; 4000K rated, 3000/5000K on request
Wall or ceiling mount — keep IP65 gasket seated — contact sales for combined sensor+emergency.



APPLICATION

- **Corridors:** microwave through diffuser and around corners — lights answer footsteps before they arrive.
- **Bathrooms & balconies:** IP65 sealed W323 shell resists splashes and dust; single 12W point per small room.
- **Night logic:** standard for always-on, microwave for intermittent traffic, PIR for defined entries, emergency for escape routes.
- **Layout rule:** repeat one 12W point along longer walkways so pools overlap; series to 24W for larger areas.

LIGHT DISTRIBUTION — 120° FROSTED DIFFUSE



120° · Ø10.4m @3m
rectangular frosted — even wash along corridors

BEAM	Ø AT 3 M	BEST FOR
120°	Ø10.4m	Corridor and bathroom even wash

Frosted rectangular diffuser — wall or ceiling mount, no cutoff

Ø = 2 × 3 m × tan(θ/2) · schematic geometry, not measured photometry.

CCT LUMEN MULTIPLIER — RATED @4000K

CCT	MULTIPLIER	EXAMPLE (12W)
3000K	×0.95	1425lm
4000K	×1.00 (rated)	1500lm
5000K	×1.03	1545lm

Ordering-table lumens rated @4000K. Multipliers are the factory standard for this series; re-validate by LM-79 per CCT when available.

NOTES

- **Ordering:** Same W323*W100*H97 mm white housing — choose function at order (standard / M microwave / P PIR / E emergency 3h); CCT suffix per ※; combined M+E on request.
- **Supply & control:** 220–240V AC 50/60Hz · PF >0.9 · SMD2835 · non-dimmable; emergency version with integrated 3h battery; keep IP65 gasket seated at rear entry.
- **Layout:** Wall or ceiling on flat load-bearing surface; 12W single point per bathroom/balcony, repeat every few metres in corridors; diffuse 120° frosted for even coverage.
- **Warranty & family:** 5-year warranty with spare drivers/modules; broader 10–50W range see AQUA-D bulkhead, harsh washdown sites see DURA-P SF01 tubular — ask sales for layout.

Scan for live datasheet