

ATOM



Description

Square recessed downlight with high visual comfort with 7W and 12W power in a combination of fixture plus LED module.

Body made of injected aluminum equipped with a passive dissipation LED module, with high dissipation performance that provides excellent heat dissipation.

IP54 protection degree.

High performance, low luminance specular optic, with 15°, 38° and 60° opening with low glare level UGR<9 and symmetrical light distribution, which provides homogeneous or accent lighting depending on the needs.

Led chip COB brand CREE with Color Rendering Index 95 (CRI) that is supplied in color temperatures of 2200K, 2700K, 3000K and 4000K.

Lifud driver included in the LED module, with protection factor 0.95 (PF)

Supply voltage 220-240V / 50-60Hz.

False ceiling mounting adaptable to all types of modular and plaster ceilings. Ceiling cut 70x70 mm.

Applications

Designed for general lighting applications for both domestic and commercial use due to its efficient consumption and visual comfort.

Finishes

○ White ● Black

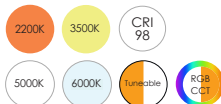
* On demand it is supplied in any paint finish.

Version

*Optional dimmable DALI, TRIAC and CASAMBI, BLUETOOTH AND ZIGBEE.

*Emergency Kit LHKIT2460

Special temperatures



ATOM 12 SQUARE

Reference	Consumption	Voltage	Temperature	Finish	Lumens	△	CRI	IP
ON-OFF								
LHDT233012B22	12W	AC220-240V	2200K	White	930	60°	95	54
LHDT233012B27	12W	AC220-240V	2700K	White	930	60°	95	54
LHDT233012B30	12W	AC220-240V	3000K	White	930	60°	95	54
LHDT233012B40	12W	AC220-240V	4000K	White	930	60°	95	54
LHDT233012N22	12W	AC220-240V	2200K	Black	930	60°	95	54
LHDT233012N27	12W	AC220-240V	2700K	Black	930	60°	95	54
LHDT233012N30	12W	AC220-240V	3000K	Black	930	60°	95	54
LHDT233012N40	12W	AC220-240V	4000K	Black	930	60°	95	54

*Optional chip in CRI92 in 3500K - 5000K - 6000K

*Optional chip COB CRI98 in 2700K - 3000K - 4000K

REGULATIONS

Reference	Temperature	Finish	Reference	Temperature	Finish
TRIAC					
LHDT233012B22T	2200K	White	LHDT233012B22O	2200K	White
LHDT233012B27T - 30T - 40T	2700K - 3000K - 4000K	White	LHDT233012B27O - 30O - 40O	2700K - 3000K - 4000K	White
LHDT233012N22T	2200K	Black	LHDT233012N22O	2200K	Black
LHDT233012N27T - 30T - 40T	2700K - 3000K - 4000K	Black	LHDT233012N27O - 30O - 40O	2700K - 3000K - 4000K	Black

*Optional TRIAC in temperatures 3500K - 5000K - 6000K

*Optional chip COB CRI98 in 2700K - 3000K - 4000K

*DALI

LHDT233012B22D	2200K	White	LHDT233012B22B	2200K	White
LHDT233012B27D - 30D - 40D	2700K - 3000K - 4000K	White	LHDT233012B27B - 30B - 40B	2700K - 3000K - 4000K	White
LHDT233012N22D	2200K	Black	LHDT233012N22B	2200K	Black
LHDT233012N27D - 30D - 40D	2700K - 3000K - 4000K	Black	LHDT233012N27B - 30B - 40B	2700K - 3000K - 4000K	Black

*Optional DALI in temperatures 3500K - 5000K - 6000K

*Optional DALI+CCT. E.J.REF. LHDT233012NTND.

*Optional chip COB CRI98 in 2700K - 3000K - 4000K

*CASAMBI

LHDT233012B22C	2200K	White	LHDT233012B22Z	2200K	White
LHDT233012B27C - 30C - 40C	2700K - 3000K - 4000K	White	LHDT233012B27Z - 30Z - 40Z	2700K - 3000K - 4000K	White
LHDT233012N22C	2200K	Black	LHDT233012N22Z	2200K	Black
LHDT233012N27C - 30C - 40C	2700K - 3000K - 4000K	Black	LHDT233012N27Z - 30Z - 40Z	2700K - 3000K - 4000K	Black

*Optional DALI in temperatures 3500K - 5000K - 6000K

*Optional chip COB CRI98 in 2700K - 3000K - 4000K

0-10V

LHDT233012B22O	2200K	White	LHDT233012B22O	2200K	White
LHDT233012B27O - 30O - 40O	2700K - 3000K - 4000K	White	LHDT233012N22O	2200K	Black
LHDT233012N27O - 30O - 40O	2700K - 3000K - 4000K	Black	LHDT233012N27O - 30O - 40O	2700K - 3000K - 4000K	Black

*Optional 0-10V in temperatures 3500K - 5000K - 6000K

*Optional chip COB CRI98 in 2700K - 3000K - 4000K

*BLUETOOTH

LHDT233012B22B	2200K	White	LHDT233012B22B	2200K	White
LHDT233012B27B - 30B - 40B	2700K - 3000K - 4000K	White	LHDT233012N22B	2200K	Black
LHDT233012N27B - 30B - 40B	2700K - 3000K - 4000K	Black	LHDT233012N27B - 30B - 40B	2700K - 3000K - 4000K	Black

*Optional DALI in temperatures 3500K - 5000K - 6000K

*Optional DALI+CCT. E.J.REF. LHDT233012NTNB.

*Optional chip COB CRI98 in 2700K - 3000K - 4000K

*ZIGBEE

LHDT233012B22Z	2200K	White	LHDT233012B22Z	2200K	White
LHDT233012B27Z - 30Z - 40Z	2700K - 3000K - 4000K	White	LHDT233012N22Z	2200K	Black
LHDT233012N27Z - 30Z - 40Z	2700K - 3000K - 4000K	Black	LHDT233012N27Z - 30Z - 40Z	2700K - 3000K - 4000K	Black

*Optional DALI in temperatures 3500K - 5000K - 6000K

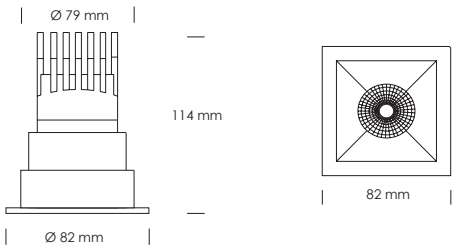
*Optional ZIGBEE+CCT. E.J.REF. LHDT233012N22TNTZ.

*Optional chip COB CRI98 in 2700K - 3000K - 4000K

ACCESSORIES

LHMO1512OP15	15° ANGLE OPTIC FOR INTERCHANGEABLE 12W MODULE
LHMO1512OP38	38° ANGLE OPTIC FOR INTERCHANGEABLE 12W MODULE
LHPTC181224	PICKUP SIGNAL CONVERTER TRIAC TO CASAMBI MAXIMUM 150W
LHMBGATZBBL	GATEWAY MULTICONTROLLER ZIGBEE 3.0 + BLUETOOTH 5.0 MAX. 128 LUMINARIES
LHMBGATZGET	GATEWAY MULTICONTROLLER ZIGBEE 3.0 + ETHERNET MAX. 128 LUMINARIES.
LHMBPTTRIACZG	PICKUP CONVERTER TRIAC - ZIGBEE 3.0 + PUSH MAX 150W.

Dimensions



Luminous Flux

