

## CARDAN

Leds HOME  
LIGHTING

## Description

Recessed cardan providing high performance and visual comfort, consisting of modules of one, two and three elements of 20W each.

Body and frame made of hot-dip galvanized sheet metal, modules with die-cast aluminum body and frame, independent aluminum heatsink with high dissipation performance providing excellent heat dissipation.

IP20 protection grade

Reflector manufactured in bright anodized aluminum and transparent glass diffuser.

45° aperture optics with UGR<19 low glare and symmetrical light distribution providing homogeneous illumination over the entire surface.

TYF brand COB Led Chip with Color Rendering Index 95 (CRI) available in color temperatures of 2200K, 2700K, 3000K, 3500K, 4000K, 5000K, and 6000K.

Special power supply and adjustable 2700K~ 6000K.

Driver included with power factor 0.95(PF).

Voltage supply 230V / 50-60Hz.

Mounting in false ceilings adaptable to all types of modular and plaster ceilings

## Special temperature



## Usage

Designed for general lighting applications that integrates into all types of modern, domestic, hotel, commercial, restaurant, office and residential spaces.

## Colors

○ White

Upon request it can be made available in any paint finish.

## Versions

\*Optional adjustment DALI, 0-10V, PWM, PUSH DIM, DIP SWITCH, TRIAC, CASAMBI, BLUETOOTH Y ZIGBEE.

\*Emergency Kit LHKIT2460 see information page 415.



UGR&lt;19

TYF

Lifud

CASAMBI

Bluetooth

zigbee



# CARDAN 20

| Reference     | Consumption | Voltage    | Temperature | Lumens | △   | CRI | IP |
|---------------|-------------|------------|-------------|--------|-----|-----|----|
| <b>ON-OFF</b> |             |            |             |        |     |     |    |
| LHGL162022    | 20W         | AC220-240V | 2200K       | 2540   | 45° | 90  | 20 |
| LHGL162027    | 20W         | AC220-240V | 2700K       | 2540   | 45° | 90  | 20 |
| LHGL162030    | 20W         | AC220-240V | 3000K       | 2540   | 45° | 90  | 20 |
| LHGL162035    | 20W         | AC220-240V | 3500K       | 2540   | 45° | 90  | 20 |
| LHGL162040    | 20W         | AC220-240V | 4000K       | 2540   | 45° | 90  | 20 |
| LHGL162050    | 20W         | AC220-240V | 5000K       | 2540   | 45° | 90  | 20 |
| LHGL162060    | 20W         | AC220-240V | 6000K       | 2540   | 45° | 90  | 20 |
| LHGL1620ME    | 20W         | AC220-240V | MEAT        | 1650   | 45° | 82  | 20 |
| LHGL1620VE    | 20W         | AC220-240V | VEGETABLE   | 1900   | 45° | 90  | 20 |
| LHGL1620WE    | 20W         | AC220-240V | FISH        | 1650   | 45° | 70  | 20 |
| LHGL1620BR    | 20W         | AC220-240V | BREAD       | 1800   | 45° | 90  | 20 |

\*Optional chip in CRI95 in 3200K P.V.P: 83,00€

## REGULATIONS

| Reference                     | Temperature          |
|-------------------------------|----------------------|
| <b>TRIAC</b>                  |                      |
| LHGL162022T - 27T             | 2200K - 2700K        |
| LHGL162035T - 50T - 60T       | 3200K - 5000K- 6000K |
| LHGL162030T - 40T             | 3000K - 4000K        |
| LHGL1620MET - VET - WET - BRT | FOOD                 |

## CASAMBI

|                               |                      |
|-------------------------------|----------------------|
| LHGL162022C - 27C             | 2200K - 2700K        |
| LHGL162035C - 50C - 60C       | 3200K - 5000K- 6000K |
| LHGL162030C - 40C             | 3000K - 4000K        |
| LHGL1620MEC - VEC - WEC - BRC | FOOD                 |

## BLUETOOTH

|                               |                      |
|-------------------------------|----------------------|
| LHGL162022B - 27B             | 2200K - 2700K        |
| LHGL162035B - 50B - 60B       | 3200K - 5000K- 6000K |
| LHGL162030B - 40B             | 3000K - 4000K        |
| LHGL1620MEB - VEB - WEB - BRB | FOOD                 |

\*Optional BLUETOOTH+CCT. EX. REF LHGL1620BTW.

| Reference                     | Temperature          |
|-------------------------------|----------------------|
| <b>0-10V</b>                  |                      |
| LHGL162022D - 27D             | 2200K - 2700K        |
| LHGL162035D - 50D - 60D       | 3200K - 5000K- 6000K |
| LHGL162030D - 40D             | 3000K - 4000K        |
| LHGL1620MED - VED - WED - BRD | FOOD                 |

## DALI

|                               |                      |
|-------------------------------|----------------------|
| LHGL162022D - 27D             | 2200K - 2700K        |
| LHGL162035D - 50D - 60D       | 3200K - 5000K- 6000K |
| LHGL162030D - 40D             | 3000K - 4000K        |
| LHGL1620MED - VED - WED - BRD | FOOD                 |

\*Optional DALI+CCT. EX. REF LHGL1620DTW.

## ZIGBEE

|                               |                      |
|-------------------------------|----------------------|
| LHGL162022Z - 27Z             | 2200K - 2700K        |
| LHGL162035Z - 50Z - 60Z       | 3200K - 5000K- 6000K |
| LHGL162030Z - 40Z             | 3000K - 4000K        |
| LHGL1620MEZ - VEZ - WEZ - BRZ | FOOD                 |

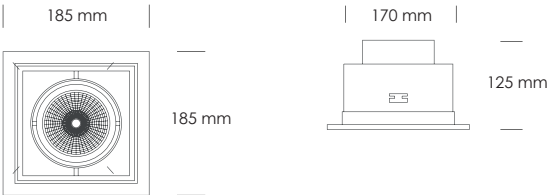
\*Optional ZIGBEE+CCT. EX. REF LHGL1620ZTW.

\*Optional EMERGENCY regulation by adding "E" to the end of the. LHGL162035E

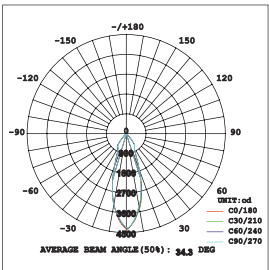
## ACCESSORIES

|              |                                                                         |
|--------------|-------------------------------------------------------------------------|
| LHMBGATZBBL  | GATEWAY UNIVERSAL REMOTE ZIGBEE 3.0 + BLUETOOTH 5.0 MAX. 128 LUMINAIRES |
| LHMBGATZGET  | GATEWAY UNIVERSAL REMOTE ZIGBEE 3.0 + ETHERNET MAX. 128 LUMINAIRES      |
| LHMBPTRIACZG | TRIAC CONVERTER DRIVER - ZIGBEE 3.0 + PUSH MAX 150W                     |

## Dimensions



## Luminous Flow



ledshomelightings.es