

# LUMA

## LED Recessed Step Light

A wall-recessed LED step light offered in five face profiles on one plate — a louvred face for tight glare control, or four open-scoop shapes that graze the wall. Five sizes from a 2.17" square marker to a 20.7" five-gang bar, so one detail can run from a single tread to a whole corridor.

- Five face profiles on one plate — A louvred, B–E open scoops
- Five sizes — 2.17" square up to a 20.7" five-gang bar
- Output follows the size — 2W · 3W · 6W · 12W · 30W (up to 1,500 lm)
- Optional PIR motion sensor, with or without a lux sensor
- Full 2700K–6500K white range · RA90 standard (RA80 / RA97 optional)
- IP65 · IK08 · Class I · CE / RoHS / ETL / FCC / SAA



|                     |                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------|
| LUMEN OUTPUT        | 90 – 1,500 lm (by size)                                                                       |
| COLOR TEMP / CCT    | 2700K / 3000K / 3500K / 4000K / 5000K / 5700K / 6500K                                         |
| COLOR QUALITY / CRI | RA90 (RA80 / RA97 optional)                                                                   |
| DISTRIBUTION        | T2M 65° × 135°                                                                                |
| LED SOURCE          | GUBO                                                                                          |
| WATTAGE             | 2W / 3W / 6W / 12W / 30W (by size)                                                            |
| VOLTAGE             | AC 100–277V 50/60Hz · AC 220–240V · AC 110–130V · DC 12V / 24V / 36V / 48V                    |
| POWER FACTOR        | >0.5 (>0.4 colour)                                                                            |
| DIMMING / CONTROLS  | Non-dimmable std · TRIAC / 0–10V / 1–10V / DALI / DMX512 / PWM · Zigbee / Bluetooth / 2.4G RF |

|             |                                                                 |
|-------------|-----------------------------------------------------------------|
| DRIVER      | GUBO                                                            |
| FINISH      | White, Black, Grey, Dark Grey, Brass                            |
| IP / IMPACT | IP65 · IK08                                                     |
| MATERIAL    | Die-cast aluminium housing · corrosion-resistant plastic sleeve |
| LENS        | High-efficiency PC lens                                         |
| MOUNTING    | Wall recessed — sleeve must be pre-embedded                     |
| DIMENSIONS  | 2.17" sq to 20.7 × 4.14" · 1.97–2.13" deep                      |
| LIFETIME    | >50,000 hrs                                                     |

# Ordering

LUMA

CONFIGURE YOUR PART NUMBER USING THE OPTIONS BELOW.

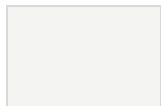
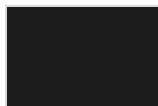
| MODEL | CCT              | CRI     | VOLTAGE           | PROFILE        | SIZE                       | CONTROLS       | OPTIONS                  | FINISH        |
|-------|------------------|---------|-------------------|----------------|----------------------------|----------------|--------------------------|---------------|
| LUMA  | 27 2700K         | 80 RA80 | U AC 100–277V     | A Louvred      | SQ22 2.17" sq · 2W         | N Non-dimmable | N None                   | WH White      |
|       | 30 3000K         |         |                   | B Open scoop   |                            |                | PIR Motion sensor        | BK Black      |
|       | 35 3500K         | 90 RA90 | AC220 AC 220–240V | C Arched scoop | SQ34 3.35" sq · 3W         | DT TRIAC       |                          | GY Grey       |
|       | 40 4000K         |         |                   | D Angled scoop | HZ45 4.53 × 3.35" · 6W     | DV 0/1–10V     | PIRL Motion + lux sensor | AGY Dark Grey |
|       | 50 5000K         | 97 RA97 | AC110 AC 110–130V | E Curved scoop | HZ84 8.43 × 3.35" · 12W    | DA DALI        |                          | BR Brass      |
|       | 57 5700K         |         | DC12 DC 12V       |                | HZ207 20.7 × 4.14" · 30W** | DX DMX512      |                          | CC Custom RAL |
|       | 65 6500K         |         | DC24 DC 24V       |                |                            | DP PWM         |                          |               |
|       | TW Tunable White |         | DC36 DC 36V       |                |                            | ZB Zigbee      |                          |               |
|       | RGBW*            |         | DC48 DC 48V       |                |                            | BT Bluetooth   |                          |               |
|       |                  |         |                   |                |                            | RF 2.4G RF     |                          |               |

\* RGBW is not offered on size SQ22 (2W). \*\* Size HZ207 is available in profile A only.

## Build Your Order Code — example values shown in grey

| MODEL                             | CCT                             | CRI                             | VOLTAGE                        | PROFILE                        | SIZE                              | CONTROLS                       | OPTIONS                        | FINISH                          |
|-----------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|-----------------------------------|--------------------------------|--------------------------------|---------------------------------|
| <input type="text" value="LUMA"/> | <input type="text" value="30"/> | <input type="text" value="90"/> | <input type="text" value="U"/> | <input type="text" value="A"/> | <input type="text" value="HZ45"/> | <input type="text" value="N"/> | <input type="text" value="N"/> | <input type="text" value="BK"/> |

## FINISHES

WH  
White (RAL9010)BK  
Black (RAL9005)GY  
Grey (RAL7042)AGY  
Dark Grey (RAL7016)BR  
Brass (RAL1024)

## FACE PROFILES — LOUVRED OR OPEN SCOOP

Profiles C, D and E are further scoop shapes — see the order matrix.


**A**  
**Louvred**  
 Fine blades — tightest glare control

**B**  
**Open scoop**  
 Wide aperture — softest wall graze

## Dimensions

| SIZE  | FACE (W × H)                 | DEPTH         | OUTPUT       |
|-------|------------------------------|---------------|--------------|
| SQ22  | 2.17" × 2.17" (55 × 55 mm)   | 1.97" (50 mm) | 2W           |
| SQ34  | 3.35" × 3.35" (85 × 85 mm)   | 1.97" (50 mm) | 3W           |
| HZ45  | 4.53" × 3.35" (115 × 85 mm)  | 1.97" (50 mm) | 6W           |
| HZ84  | 8.43" × 3.35" (214 × 85 mm)  | 1.97" (50 mm) | 12W (2 × 6W) |
| HZ207 | 20.7" × 4.14" (525 × 105 mm) | 2.13" (54 mm) | 30W (5 × 6W) |



## Photometry

## DELIVERED LUMENS – WHITE, RA90

| Optic        | CCT   | 2W  | 3W  | 6W  | 12W | 30W   |
|--------------|-------|-----|-----|-----|-----|-------|
| White (RA90) | 2700K | 90  | 130 | 260 | 520 | 1,300 |
|              | 3000K | 95  | 140 | 280 | 560 | 1,400 |
|              | 3500K | 95  | 140 | 280 | 560 | 1,400 |
|              | 4000K | 100 | 150 | 300 | 600 | 1,500 |
|              | 5000K | 100 | 150 | 300 | 600 | 1,500 |
|              | 5700K | 100 | 150 | 300 | 600 | 1,500 |
|              | 6500K | 100 | 150 | 300 | 600 | 1,500 |

Nominal delivered lumens at RA90; tolerance  $\pm 10\%$  at 25°C. HZ84 is two 6W engines and HZ207 five, so their totals are 2× and 5× the 6W figure. A 3W build of HZ45 and a 5W-per-engine build of HZ84 / HZ207 are available – consult the factory.

## DELIVERED LUMENS – TUNABLE WHITE &amp; COLOUR

| Mode             | Output    | 2W | 3W  | 6W  | 12W | 30W   |
|------------------|-----------|----|-----|-----|-----|-------|
| TW Tunable White | Delivered | 90 | 130 | 260 | 520 | 1,300 |
| RGBW             | Delivered | –  | 130 | 260 | 520 | 1,300 |

Tunable White spans 2700K–6500K from one fixture. RGBW is multi-chip (620 nm red · 520 nm green · 455 nm blue, plus 2700K white) and is not offered on the 2W size SQ22.

**DISTRIBUTION** T2M 65° × 135°    **EFFICACY** –    **IES FILE** On request