

## CELL-13

### LED Module and Driver Set



#### Description

The CELL series are a plug and play LED lamp module and LED driver set. They are the perfect solution for residential homes to commercial projects such as hotels, clubs, pubs and bars. Designed not only as a replacement for traditional halogen lamps in most applications, but also as a replaceable LED lamp and driver set for a range of click in frames, as a complete downlight solution. For retrofit, it's as easy as removing the standard MR16 halogen lamp and transformer and replacing it with the CELL lamp and LED driver. It suits most MR16 downlight frames, depending on height.

As a complete lamp and frame solution, simply choose from a range of click in frames on offer to suit the style and décor. Featuring a reflector style lens with a choice of 15°, 24°, 36° or 60° beam angle effects to suit ceiling heights or lighting effects. Available in 9W and 13W options depending on the light intensity required. With the choice of Extra Warm White (2700K), Warm White (3000K), Neutral White (4000K), White (5000K) and Extra White (5700K) colour temperature options to suit the desired light appearance. Complete with dimmable LED driver and plug. Backed by our Three Year Replacement Warranty.

#### Specification Features

|                 |   |
|-----------------|---|
| Input Voltage:  | 200-240V 50-60HZ                                    |
| Power (W):      | 13  |
| IP rating (IP): | IP44*   |
| LED type:       | COB   |
| CCT:            | 2700K - 3000K - 4000K<br>5000K - 5700K (Switchable) |
| CRI:            | ≥80   |
| Beam angle (°): | 15°/24°/36°/60°                                     |
| Dimmable:       | Yes   |
| Lifespan (hrs): | 50,000hrs   |

\* IP44 rating is from the underside of the down light once installed into the ceiling.



#### Diagrams / Additional



| Item No.     | Variant | CCT - Lumen Output |       |        |        |        |
|--------------|---------|--------------------|-------|--------|--------|--------|
|              |         | 60°                |       |        |        |        |
|              |         | 2700K              | 3000K | 4000K  | 5000K  | 5700K  |
| CELL-13-5CCT | 26984   | 1002lm             | 995lm | 1098lm | 1163lm | 1145lm |

| Item No.     | Variant | CCT - Lumen Output |        |        |        |        |
|--------------|---------|--------------------|--------|--------|--------|--------|
|              |         | 36°                |        |        |        |        |
|              |         | 2700K              | 3000K  | 4000K  | 5000K  | 5700K  |
| CELL-13-5CCT | 26985   | 990lm              | 1000lm | 1077lm | 1120lm | 1137lm |

| Item No.     | Variant | CCT - Lumen Output |        |        |        |        |
|--------------|---------|--------------------|--------|--------|--------|--------|
|              |         | 24°                |        |        |        |        |
|              |         | 2700K              | 3000K  | 4000K  | 5000K  | 5700K  |
| CELL-13-5CCT | 26986   | 1037lm             | 1030lm | 1108lm | 1154lm | 1175lm |

| Item No.     | Variant | CCT - Lumen Output |       |        |        |        |
|--------------|---------|--------------------|-------|--------|--------|--------|
|              |         | 15°                |       |        |        |        |
|              |         | 2700K              | 3000K | 4000K  | 5000K  | 5700K  |
| CELL-13-5CCT | 26987   | 965lm              | 975lm | 1050lm | 1092lm | 1160lm |

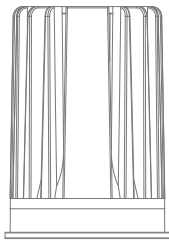
## CELL 13 Series Multi Frame Solution



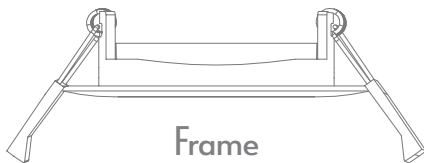
Combine the power of one module with multiple frames

### Assembly

Module



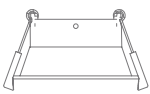
Press down firmly until module clicks into frame.



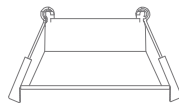
Frame

### Available Frames

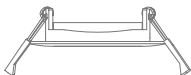
CELL-D75



CELL-D90 & DT90



CELL-T75



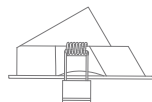
CELL-T90



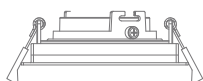
CELL-K75 & P75



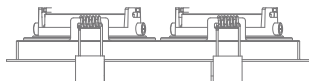
CELL-W90



CELL-S1



CELL-S2



CELL-D75-13W



CELL-D90-13W



CELL-T75-13W



CELL-T90-13W



CELL-K75-13W



CELL-P75-13W



CELL-W90-13W



CELL-S1-13W



CELL-S2-13W



## CELL 13 Series Multi Frame Solution

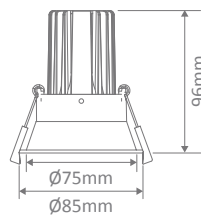


Combine the power of one module with multiple frames

| CELL-13-5CCT |                |                      |
|--------------|----------------|----------------------|
| Variant      | Beam Angle (°) | CCT (Switchable)     |
| 26984        | 60°            | 27K, 3K, 4K, 5K, 57K |
| 26985        | 36°            |                      |
| 26986        | 24°            |                      |
| 26987        | 15°            |                      |

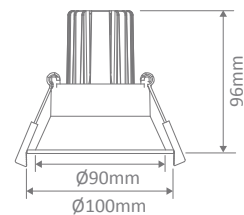
## Assembled

**DEEPCELL-75-13W**



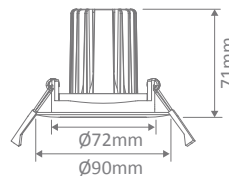
Cutout: Ø75-77mm

**DEEPCELL-90-13W**



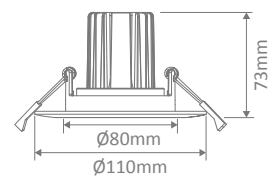
Cutout: Ø90-92mm

**TILTCELL-75-13W**



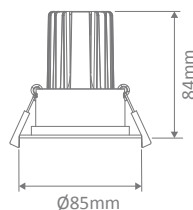
Cutout: Ø72-75mm

**TILTCELL-90-13W**



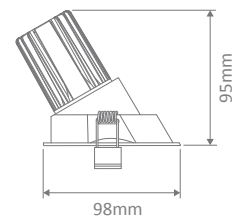
Cutout: Ø80-85mm

**KEYCELL-75-13W**  
**PINCELL-75-13W**



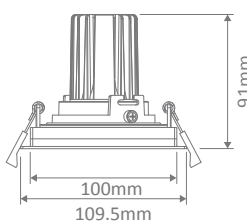
Cutout: Ø70-75mm

**WALLCELL-90-13W**



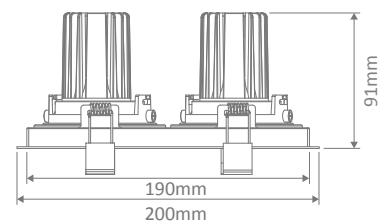
Cutout: Ø88-90mm

**SLOTCELL-1-13W**



Cutout: L100mm x W100mm

**SLOTCELL-2-13W**



Cutout: L190mm x W100mm

| Frames    |         |              |
|-----------|---------|--------------|
| Item No.  | Variant | Frame Colour |
| CELL-D75  | 27048   | White        |
|           | 27049   | Black        |
| CELL-D90  | 27050   | White        |
|           | 27051   | Black        |
| CELL-DT90 | 27078   | White        |
|           | 27079   | Black        |
| CELL-T75  | 27052   | White        |
|           | 27053   | Black        |
| CELL-T90  | 27054   | White        |
|           | 27055   | Black        |
| CELL-K75  | 27064   | White        |
|           | 27065   | Black        |
| CELL-P75  | 27062   | White        |
|           | 27063   | Black        |
| CELL-W90  | 27056   | White        |
|           | 27057   | Black        |
| CELL-S1   | 27058   | White        |
|           | 27059   | Black        |
| CELL-S2   | 27060   | White        |
|           | 27061   | Black        |