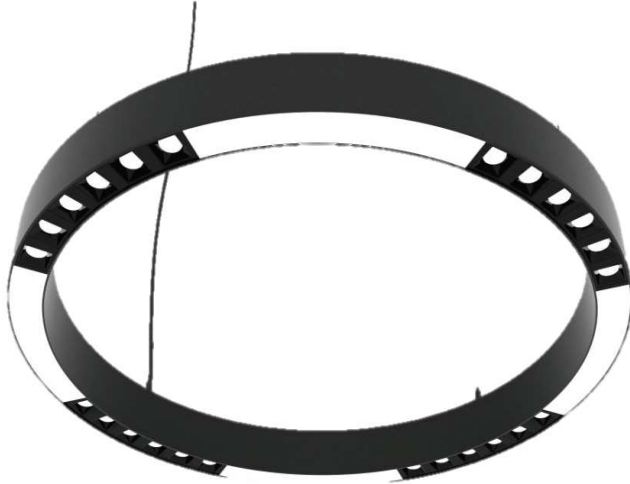


# LED Ring Light



INDOOR SERIES



## PRODUCT OVERVIEW

The Ring light series offers a brilliance design finish with multiple mounting options. its appearance and shape is suitable for all commercial spaces. with multiple beam angles & Lens series the ring light distributes excellent light output.

constructed using seamless aluminium alloy ensuring excellent heat dissipation and unrivaled protection against surface rust. The Ring light is available in a standard option aswell as a Magnetic Option.

Quality comes standard...



Hours  
LIFESPAN



IP42  
Indoor



Low  
MAINTENANCE



Year  
WARRANTY



Product  
CERTIFICATION

### APPLICATIONS

|                       |               |
|-----------------------|---------------|
| Hotels                | Universities  |
| Conference Facilities | Hospitals     |
| Factories             | Offices       |
| Schools / Colleges    | Art Galleries |
| Commercial Space      | Deco Stores   |

### FEATURES

|                        |                                |
|------------------------|--------------------------------|
| Aluminium Frame        | High Brightness Cree chip sets |
| Glare Rating: UGR >22  |                                |
| Uniform Light Spread   |                                |
| Flicker Free           |                                |
| Laser PMMA Guide Panel |                                |

### CONSTRUCTION DETAILS

|                                        |                   |
|----------------------------------------|-------------------|
| Silver/White/Black/Gold Housing Finish | Aluminium Housing |
| IP42 Ingress Protection                | PMMA Lens         |

## Ring Light

### TECHNICAL DATA

#### SPECIFICATIONS

|                                   |                               |                           |                  |
|-----------------------------------|-------------------------------|---------------------------|------------------|
| Input Voltage (V):                | AC200-240V   100-277VAC       | Luminaire Efficacy(lm/W): | 75(lm/W)         |
| Frequency (Hz):                   | 50/60Hz                       |                           | 150(lm/W)        |
| Power Consumption (W):            | 10-120W                       |                           |                  |
| Correlated color Temp (CCT):      | 3000K   4000K   6000K   RGB   | Unified Glare Index(UGR): | UGR22 (Standard) |
| Colour Rendering (CRI):           | 80/90/95                      |                           | UGR19 (Optional) |
| Total Harmonic Distortions (THD): | <15%                          | L&B Rating:               | L80 B10          |
| Power Factor (PF):                | >0.95                         | Impact Protection (IK):   | IK02             |
| Electrical Class:                 | Class I                       | Ingress Protection(IP):   | IP42             |
| Operating Temp:                   | -20 ~ +40°C                   | Beam Angle:               | 110°             |
| Efficiency:                       | 92%                           | Lifespan:                 | 50 000hrs        |
| Driver Type:                      | Standard                      | Mounting Options:         | Surface          |
| LED Type:                         | Uniform Lighting / No Flicker |                           | Pendant          |
|                                   |                               |                           | Suspended        |

#### MATERIAL STRUCTURE

Polycarbonate(PC) is used which is superior to even Poly methyl methacrylate (PMMA) and can carry a life time guarantee itself

|                |                         |                 |                         |
|----------------|-------------------------|-----------------|-------------------------|
| Housing Body:  | Cold rolled, Mild steel | Housing Colour: | White/Black/Silver/Gold |
| Frame:         | Aluminium               | Lens:           | Opal                    |
| Lens Diffuser: | Polycarbonate(PC)       | Anti Corrosion: | Optional                |

#### OPTIONAL FEATURES

|                    |                     |          |                |
|--------------------|---------------------|----------|----------------|
| Dimmable Options:  | DALI-Dimmable       | 0-10V    | Triac Dimmable |
|                    | Tunable             |          |                |
| Emergency Options: | 20% Back-up Power   | External |                |
| Certifications     | RoHs/IEC/SANS/CE/CB |          |                |



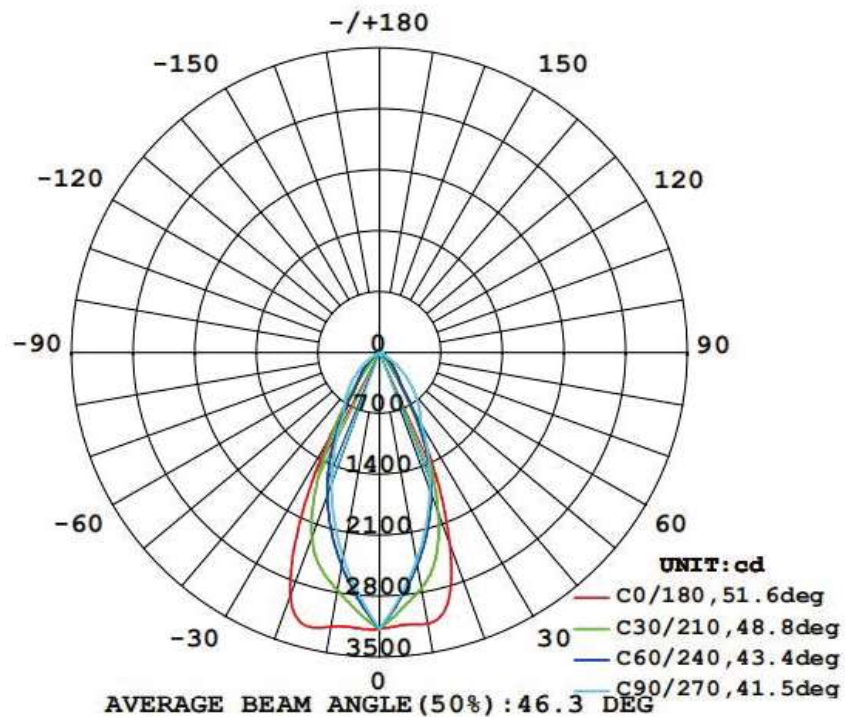
|        |                  |               |        |       |                                                                              |        |                 |               |      |      |                                                                          |
|--------|------------------|---------------|--------|-------|------------------------------------------------------------------------------|--------|-----------------|---------------|------|------|--------------------------------------------------------------------------|
| LC5075 | LC5075-C-450F    | D450xW50xH75  | 12     | 1200  | 12°<br>24°<br>38°<br><br>50°<br>105°<br>50x50°<br>70x70°<br>35x70°<br>90x90° | LC5075 | LC5075-H-300-A  | L520xW193xH75 | 10   | 1000 | 12°<br>24°<br>38°<br>50°<br>105°<br>50x50°<br>70x70°<br>35x70°<br>90x90° |
|        | LC5075-C-600F    | D600xW50xH75  | 15     | 1500  |                                                                              |        | LC5075-H-300-E  | L314xW529xH75 | 16   | 1600 |                                                                          |
|        | LC5075-C-700F    | D700xW50xH75  | 20     | 2000  |                                                                              |        | LC5075-H-300-B  | L285xW571xH75 | 16   | 1600 |                                                                          |
|        | LC5075-C-800F    | D800xW50xH75  | 24     | 2400  |                                                                              |        | LC5075-H-300-Y  | L520xW450xH75 | 16   | 1600 |                                                                          |
|        | LC5075-C-900F    | D900xW50xH75  | 27     | 2700  |                                                                              |        | LC5075-H-300-K  | L285xW571xH75 | 20   | 2000 |                                                                          |
|        | LC5075-C-1000F   | D1000xW50xH75 | 30     | 3000  |                                                                              |        | LC5075-H-300-C  | L520xW450xH75 | 20   | 2000 |                                                                          |
|        | LC5075-C-1200F   | D1200xW50xH75 | 35     | 3500  |                                                                              |        | LC5075-H-300-X  | L520xW329xH75 | 20   | 2000 |                                                                          |
|        | LC5075-C-1500F   | D1500xW50xH75 | 45     | 4500  |                                                                              |        | LC5075-H-300-F  | L520xW450xH75 | 25   | 2500 |                                                                          |
|        | LC5075-C-1800F   | D1800xW50xH75 | 50     | 5000  |                                                                              |        | LC5075-H-300-S  | L520xW571xH75 | 30   | 3000 |                                                                          |
|        | LC5075-C-2000F   | D2000xW50xH75 | 60     | 6000  |                                                                              |        | LC5075-H-300F-A | L520xW193xH75 | 6    | 600  |                                                                          |
|        | LC5075-C-450F-U  | D450xW50xH75  | 12+20  | 3200  | LC5075-H-300F-E                                                              |        | L314xW529xH75   | 9             | 900  |      |                                                                          |
|        | LC5075-C-600F-U  | D600xW50xH75  | 15+30  | 4500  | LC5075-H-300F-B                                                              |        | L285xW571xH75   | 9             | 900  |      |                                                                          |
|        | LC5075-C-700F-U  | D700xW50xH75  | 20+35  | 5500  | LC5075-H-300F-Y                                                              |        | L520xW450xH75   | 9             | 900  |      |                                                                          |
|        | LC5075-C-800F-U  | D800xW50xH75  | 24+40  | 6400  | LC5075-H-300F-K                                                              |        | L285xW571xH75   | 12            | 1200 |      |                                                                          |
|        | LC5075-C-900F-U  | D900xW50xH75  | 27+50  | 7700  | LC5075-H-300F-C                                                              |        | L520xW450xH75   | 15            | 1500 |      |                                                                          |
|        | LC5075-C-1000F-U | D1000xW50xH75 | 30+55  | 8500  | LC5075-H-300F-X                                                              |        | L520xW329xH75   | 12            | 1200 |      |                                                                          |
|        | LC5075-C-1200F-U | D1200xW50xH75 | 35+60  | 9500  | LC5075-H-300F-F                                                              |        | L520xW450xH75   | 15            | 1500 |      |                                                                          |
|        | LC5075-C-1500F-U | D1500xW50xH75 | 45+80  | 12500 | LC5075-H-300F-S                                                              |        | L520xW571xH75   | 18            | 1800 |      |                                                                          |
|        | LC5075-C-1800F-U | D1800xW50xH75 | 50+110 | 16000 |                                                                              |        |                 |               |      |      |                                                                          |
|        | LC5075-C-2000F-U | D2000xW50xH75 | 60+120 | 18000 |                                                                              |        |                 |               |      |      |                                                                          |



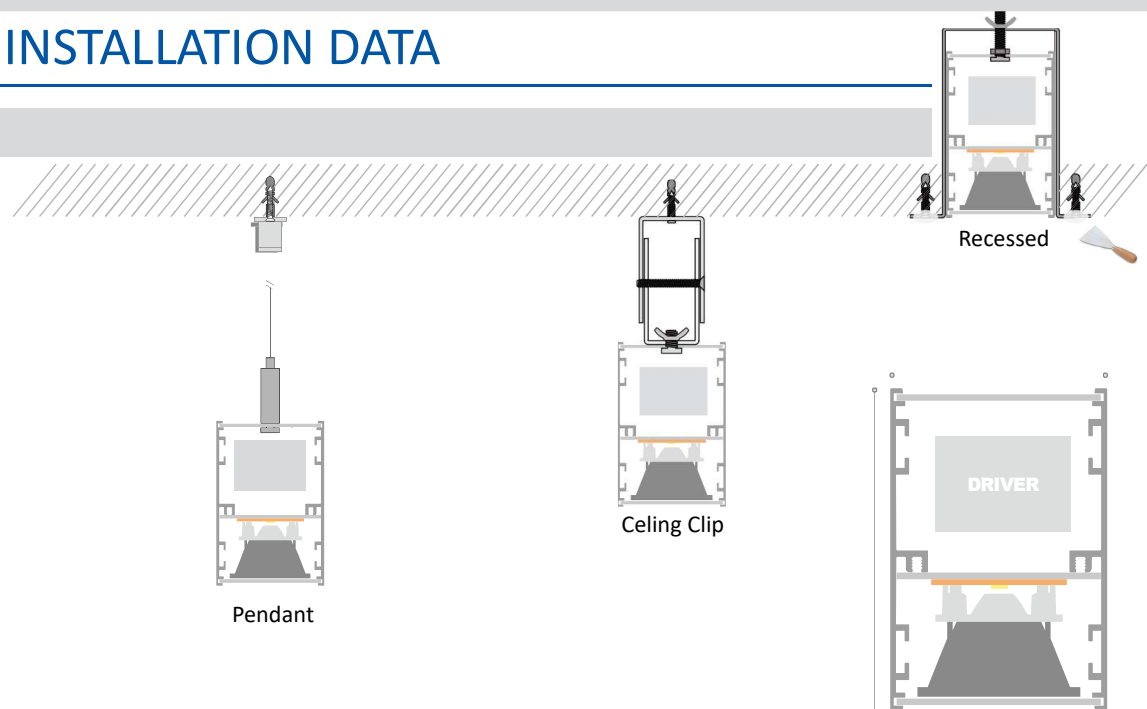
|                  |                  |               |        |       | BEAM<br>ANGLE                                                            | CONTROL                           | TEMP                    | CRI               | INPUT<br>VOLATAGE  | HOUSING COLOUR                               |
|------------------|------------------|---------------|--------|-------|--------------------------------------------------------------------------|-----------------------------------|-------------------------|-------------------|--------------------|----------------------------------------------|
| LC5075           | LC5075-C-450M    | D450xW50xH75  | 10     | 1000  | 12°<br>24°<br>38°<br>50°<br>105°<br>50x50°<br>70x70°<br>35x70°<br>90x90° | Non<br>Dali<br>Triac<br><br>0-10V | 3000K<br>4000K<br>6000K | >80<br>>90<br>>95 | 200-240<br>100-277 | WHITE<br><br>BLACK<br><br>SILVER<br><br>GOLD |
|                  | LC5075-C-600M    | D600xW50xH75  | 15     | 1500  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-700M    | D700xW50xH75  | 20     | 2000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-800M    | D800xW50xH75  | 25     | 2500  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-900M    | D900xW50xH75  | 30     | 3000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1000M   | D1000xW50xH75 | 35     | 3500  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1200M   | D1200xW50xH75 | 40     | 4000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1500M   | D1500xW50xH75 | 60     | 6000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1800M   | D1800xW50xH75 | 70     | 7000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-2000M   | D2000xW50xH75 | 80     | 8000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-450M-U  | D450xW50xH75  | 10+20  | 3000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-600M-U  | D600xW50xH75  | 15+30  | 4500  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-700M-U  | D700xW50xH75  | 20+35  | 5500  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-800M-U  | D800xW50xH75  | 25+40  | 6500  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-900M-U  | D900xW50xH75  | 30+50  | 8000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1000M-U | D1000xW50xH75 | 35+55  | 9000  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1200M-U | D1200xW50xH75 | 40+60  | 10000 |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1500M-U | D1500xW50xH75 | 60+80  | 14000 |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1800M-U | D1800xW50xH75 | 70+110 | 18000 |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-2000M-U | D2000xW50xH75 | 80+120 | 20000 |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-450B    | D450xW50xH75  | 6      | 600   |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-600B    | D600xW50xH75  | 6      | 600   |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-700B    | D700xW50xH75  | 6      | 600   |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-800B    | D800xW50xH75  | 12     | 1200  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-900B    | D900xW50xH75  | 12     | 1200  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1000B   | D1000xW50xH75 | 12     | 1200  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1200B   | D1200xW50xH75 | 12     | 1200  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1500B   | D1500xW50xH75 | 24     | 2400  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1800B   | D1800xW50xH75 | 24     | 2400  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-2000B   | D2000xW50xH75 | 24     | 2400  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-450B-U  | D450xW50xH75  | 6+20   | 2600  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-600B-U  | D600xW50xH75  | 6+30   | 3600  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-700B-U  | D700xW50xH75  | 6+35   | 4100  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-800B-U  | D800xW50xH75  | 12+40  | 5200  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-900B-U  | D900xW50xH75  | 12+50  | 6200  |                                                                          |                                   |                         |                   |                    |                                              |
|                  | LC5075-C-1000B-U | D1000xW50xH75 | 12+55  | 6700  |                                                                          |                                   |                         |                   |                    |                                              |
| LC5075-C-1200B-U | D1200xW50xH75    | 12+60         | 7200   |       |                                                                          |                                   |                         |                   |                    |                                              |
| LC5075-C-1500B-U | D1500xW50xH75    | 24+80         | 10400  |       |                                                                          |                                   |                         |                   |                    |                                              |
| LC5075-C-1800B-U | D1800xW50xH75    | 24+110        | 13400  |       |                                                                          |                                   |                         |                   |                    |                                              |
| LC5075-C-2000B-U | D2000xW50xH75    | 24+120        | 14400  |       |                                                                          |                                   |                         |                   |                    |                                              |

## Ring Light

### PHOTOMETRIC DATA



### INSTALLATION DATA



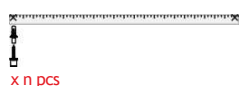
## Ring Light

### INSTALLATION DATA

#### Pendant

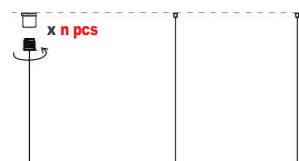


- 1 First, make marks on the ceiling, then dig holes.  
Make holes according to the holes in the back of the light.

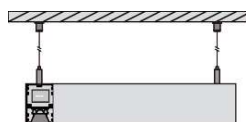


Second, fixed the terminals of the pendant suit and box holder with screws

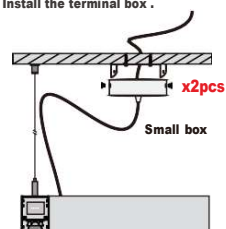
Install the terminals of the pendant suit.



- 3 Fixed the light with the pendant wire .



- 4 Install the terminal box .



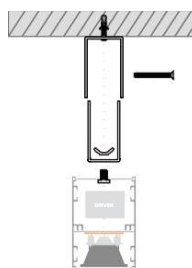
#### - Screw ceiling



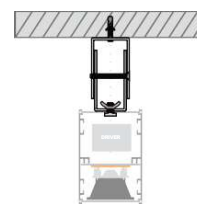
- 1 First, make marks on the ceiling, then dig holes.  
Make holes according to the holes in the back of the light.



- 2 Fixed the C-Clip A part on ceiling, and Fix the light to C-Clip B part using nuts



- 3 Use screws to fix the two parts of C-Clip A & B to fix the light fixture on the ceiling.



#### - Recessed



- 1 First, make marks on the ceiling, then dig holes.  
Make holes according to the holes in the back of the light.

Fix the light in the U-clip using nuts and screws and adjust the required height.

Use screws to fix the U-clip to the ceiling, and finally apply plaster.

## Ring Light

### LENS DATA & ACCESSORIES

