

## New Enterprise LED Downlight 3" / 4" / 6" / 8"



- Switch between 3 CCT through slide button (options)
- Optional Dimmable system: Triac / DALI / 0-10V
- Superb dimming effect
- SMD LED chips with high luminous flux
- Die-casting housing provides excellent heat dissipation
- PMMA diffuser to ensure even light output
- Deep recessed reflector
- IP54 Rated
- 5 Years Warranty
- Applications include office, shops, restaurants, schools, hotels. Public areas as stairway, lobby, corridor.



3-CCT in 1 Lamp

Slide switch for color selection



IES

LM80

RCM

SAA

IP54

Low  
UGR

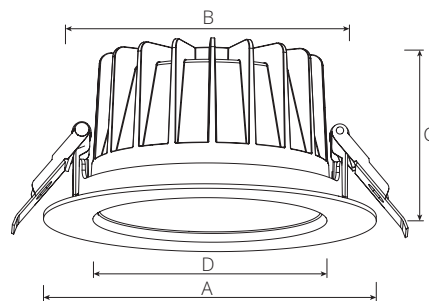
80°

5 Yrs  
Warranty

# New Enterprise LED Downlight 3" / 4" / 6" / 8"

## Dimensions

| Model | Dimension(mm) |     |    |     | Size(mm) | Product Weight (Kg) |        |
|-------|---------------|-----|----|-----|----------|---------------------|--------|
|       | A             | B   | C  | D   |          | N.W/PC              | G.W/PC |
| 3"-A  | 95            | 80  | 54 | 63  | Ø95*54   | 0.225               | 0.305  |
| 3"-B  | 110           | 86  | 54 | 69  | Ø110*54  | 0.265               | 0.345  |
| 4"    | 145           | 120 | 78 | 102 | Ø145*78  | 0.455               | 0.555  |
| 6"    | 172           | 145 | 90 | 127 | Ø172*90  | 0.665               | 0.8    |
| 8"    | 228           | 195 | 99 | 176 | Ø228*99  | 1.08                | 1.25   |



## Specifications

| Model No.              |       |         | GUNEN-10W-3                                                          | GUNEN-10W-3 | GUNEN-13W-3 | GUNEN-10W-4 | GUNEN-18W-4 | GUNEN-25W-4 |
|------------------------|-------|---------|----------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|
| Watt(W)                |       |         | 10W                                                                  |             | 13W         | 10W         | 18W         | 25W         |
| Dimension(mm)          |       |         | Ø95*54                                                               | Ø110*54     |             | Ø145*78     |             |             |
| Cutout(mm)             |       |         | Ø82-88                                                               | Ø90-95      |             | Ø125-135    |             |             |
| Rated Input Voltage(V) |       |         | AC230V                                                               |             |             |             |             |             |
| Input Voltage(V)       |       |         | AC200-240V                                                           |             |             |             |             |             |
| LED                    |       |         | SMD                                                                  |             |             |             |             |             |
| SDCM                   |       |         | <3/5/6                                                               |             |             |             |             |             |
| CCT(K)                 |       |         | 1-CCT: 3000K / 4000K / 5000K / 5700K    3-CCT: 3000K + 4000K + 5700K |             |             |             |             |             |
| Luminous Flux (lm) ±5% | 1-CCT | Non-DIM | 710-800                                                              | 720-800     | 930-1040    | 820-900     | 1650-1800   | 2100-2250   |
|                        |       | DIM     | 680-780                                                              | 700-780     | 900-1000    | 800-880     | 1600-1750   | 2000-2200   |
|                        | 3-CCT | Non-DIM | 710-830                                                              | 720-870     | 930-1140    | 820-900     | 1650-1950   | 2100-2250   |
|                        |       | DIM     | 700-800                                                              | 710-850     | 900-1100    | 800-880     | 1600-1900   | 2000-2200   |
| CRI                    |       |         | ≥80/90                                                               |             |             |             |             |             |
| Beam Angle (°)         |       |         | 80°                                                                  |             |             |             |             |             |
| LED Driver             |       |         | Built-out                                                            |             |             |             |             |             |
| DIM                    |       |         | Yes                                                                  |             |             |             |             |             |
| CCT Selection Switch   |       |         | Yes                                                                  |             |             |             |             |             |
| Protection Class       |       |         | Class II                                                             |             |             |             |             |             |
| IP Rating              |       |         | IP20                                                                 |             |             | IP54        |             |             |
| IK Rating              |       |         | IK06                                                                 |             |             |             |             |             |
| Finishing color        |       |         | Black RAL9005 / White RAL 9016                                       |             |             |             |             |             |
| Material               |       |         | PC / Aluminium                                                       |             |             |             |             |             |
| Lifetime (hr)          |       |         | 50,000                                                               |             |             |             |             |             |
| Glow wire test (°C)    |       |         | 850°C                                                                |             |             |             |             |             |
| Operating Temp.(°C)    |       |         | -20°C ~45 °C                                                         |             |             |             |             |             |
| Storage Temp.(°C)      |       |         | -20°C ~65 °C                                                         |             |             |             |             |             |
| Installation           |       |         | Recessed                                                             |             |             |             |             |             |
| Brand Driver option    |       |         | Philips, Tridonic, Meanwell                                          |             |             |             |             |             |

# New Enterprise LED Downlight 3" / 4" / 6" / 8"

## Specifications

| Model No.              |       |         | GUNEN-18W-6                                                          | GUNEN-25W-6 | GUNEN-6-35W | GUNEN-18W-8 | GUNEN-25W-8 | GUNEN-35W-8 | GUNEN-40W-8 | GUNEN-45W-8 |
|------------------------|-------|---------|----------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Watt(W)                |       |         | 18W                                                                  | 25W         | 35W         | 18W         | 25W         | 35W         | 40W         | 45W         |
| Dimension(mm)          |       |         | Ø172*90                                                              |             |             | Ø228*99     |             |             |             |             |
| Cutout(mm)             |       |         | Ø150-165                                                             |             |             | Ø200-210    |             |             |             |             |
| Rated Input Voltage(V) |       |         | AC230V                                                               |             |             |             |             |             |             |             |
| Input Voltage(V)       |       |         | AC200-240V                                                           |             |             |             |             |             |             |             |
| LED                    |       |         | SMD                                                                  |             |             |             |             |             |             |             |
| SDCM                   |       |         | <3/5/6                                                               |             |             |             |             |             |             |             |
| CCT(K)                 |       |         | 1-CCT: 3000K / 4000K / 5000K / 5700K    3-CCT: 3000K + 4000K + 5700K |             |             |             |             |             |             |             |
| Luminous Flux (lm) ±5% | 1-CCT | Non-DIM | 1750-1900                                                            | 2350-2550   | 2940-3180   | 1800-1980   | 2450-2600   | 3600-4000   | 4000-4200   | 4500-4720   |
|                        |       | DIM     | 1700-1850                                                            | 2300-2500   | 2870-3110   | 1760-1940   | 2380-2500   | 3500-3850   | 3800-4000   | 4360-4500   |
|                        | 3-CCT | Non-DIM | 1750-1900                                                            | 2250-2650   | 2940-3180   | 1800-2070   | 2450-2800   | 3750-4000   | 4000-4400   | 4500-4950   |
|                        |       | DIM     | 1700-1850                                                            | 2200-2600   | 2870-3110   | 1760-1980   | 2350-2700   | 3650-3850   | 3920-4320   | 4360-4500   |
| CRI                    |       |         | ≥80/90                                                               |             |             |             |             |             |             |             |
| Beam Angle (°)         |       |         | 80°                                                                  |             |             |             |             |             |             |             |
| LED Driver             |       |         | Built-out                                                            |             |             |             |             |             |             |             |
| DIM                    |       |         | Yes                                                                  |             |             |             |             |             |             |             |
| CCT Selection Switch   |       |         | Yes                                                                  |             |             |             |             |             |             |             |
| Protection Class       |       |         | Class II                                                             |             |             |             |             |             |             |             |
| IP Rating              |       |         | IP54                                                                 |             |             |             |             |             |             |             |
| IK Rating              |       |         | IK06                                                                 |             |             |             |             |             |             |             |
| Finishing color        |       |         | Black RAL9005 / White RAL 9016                                       |             |             |             |             |             |             |             |
| Material               |       |         | PC / Aluminium                                                       |             |             |             |             |             |             |             |
| Lifetime (hr)          |       |         | 50,000                                                               |             |             |             |             |             |             |             |
| Glow wire test (°C)    |       |         | 850°C                                                                |             |             |             |             |             |             |             |
| Operating Temp.(°C)    |       |         | -20°C ~45 °C                                                         |             |             |             |             |             |             |             |
| Storage Temp.(°C)      |       |         | -20°C ~65 °C                                                         |             |             |             |             |             |             |             |
| Installation           |       |         | Recessed                                                             |             |             |             |             |             |             |             |
| Brand Driver option    |       |         | Philips, Tridonic, Meanwell                                          |             |             |             |             |             |             |             |

# New Enterprise LED Downlight 3" / 4" / 6" / 8"

## Driver Datasheet (Non-Dimmable)

| Power                       | 10W         | 13W      | 18W      | 25W      | 35W      | 40W      | 45W       |
|-----------------------------|-------------|----------|----------|----------|----------|----------|-----------|
| Rated Input    Voltage(V)   | AC230V      |          |          |          |          |          |           |
| Frequency                   | 50/60Hz     |          |          |          |          |          |           |
| Input    Voltage            | AC200-240V  |          |          |          |          |          |           |
| Efficiency                  | ≥75%        | ≥78%     | ≥82%     | ≥83%     | ≥84%     | ≥84%     | ≥84%      |
| Total load wattage          | 10W±1W      | 13W±1W   | 18W±1W   | 25W±5%   | 35W±5%   | 40W±5%   | 45W±5%    |
| Power    Factor             | 0.9         |          |          |          |          |          |           |
| Rated Input Current         | ≤0.05A      | ≤0.07A   | ≤0.11A   | ≤0.13A   | ≤0.18A   | ≤0.21A   | ≤0.23A    |
| Full load output voltage    | DC28-40V    | DC28-40V | DC28-40V | DC28-40V | DC28-40V | DC28-40V | DC28-40V  |
| Rated output current        | 230mA       | 300mA    | 460mA    | 600mA    | 850mA    | 950mA    | 1050mA    |
| Output current range        | 230mA±5%    | 300mA±5% | 460mA±5% | 600mA±5% | 850mA±5% | 950mA±5% | 1050mA±5% |
| Power tolerance             | ±5%         |          |          |          |          |          |           |
| Current output tolerance    | ±5%         |          |          |          |          |          |           |
| Short circuit protection    | PASS        |          |          |          |          |          |           |
| Over voltage protection     | PASS        |          |          |          |          |          |           |
| Over temperature protection | PASS        |          |          |          |          |          |           |
| THD                         | <20% @ 230V |          |          |          |          |          |           |
| Surge                       | 500V        |          |          | 1KV      |          |          |           |
| Withstand voltage           | AC3750      |          |          |          |          |          |           |

## Driver Datasheet (Triac Dimmable)

| Power                       | 10W         | 13W      | 18W      | 25W      | 35W      | 40W      | 45W       |
|-----------------------------|-------------|----------|----------|----------|----------|----------|-----------|
| Rated Input Voltage(V)      | AC230V      |          |          |          |          |          |           |
| Frequency                   | 50Hz        |          |          |          |          |          |           |
| Input Voltage               | AC200-240V  |          |          |          |          |          |           |
| Power Factor                | 0.9         |          |          |          |          |          |           |
| Efficiency                  | 82%         | 82%      | 85%      | 85%      | 85%      | 85%      | 85%       |
| Total load wattage          | 10W±1W      | 13W±1W   | 18W±1W   | 25W±5%   | 35W±5%   | 40W±5%   | 45W±5%    |
| Rated Input Current         | ≤0.06A      | ≤0.08A   | ≤0.1A    | ≤0.14A   | ≤0.2A    | ≤0.23A   | ≤0.24A    |
| Full load output voltage    | DC23-40V    | DC23-40V | DC23-40V | DC23-40V | DC23-40V | DC23-40V | DC23-40V  |
| Rated output current        | 230mA       | 280mA    | 430mA    | 600mA    | 800mA    | 950mA    | 1050mA    |
| Output current range        | 230mA±5%    | 280mA±5% | 430mA±5% | 600mA±5% | 800mA±5% | 950mA±5% | 1050mA±5% |
| Power tolerance             | ±5%         |          |          |          |          |          |           |
| Current output tolerance    | ±5%         |          |          |          |          |          |           |
| Dimming Range               | 8%-100%     |          |          |          |          |          |           |
| Short circuit protection    | PASS        |          |          |          |          |          |           |
| Over voltage protection     | PASS        |          |          |          |          |          |           |
| Over temperature protection | PASS        |          |          |          |          |          |           |
| THD                         | <20% @ 230V |          |          |          |          |          |           |
| Surge                       | 500V        |          |          | 1KV      |          |          |           |
| Withstand voltage           | AC3750V     |          |          |          |          |          |           |

Note: DALI & 0-10V driver specification, please refer to individual driver datasheet.