

# FWL-GB

## LED DOWNLIGHT

### FEATURES

- LED Downlight.
- Cree LEDs.
- ≥50,000hrs at L90/B10 .
- Optional Accessories - including Drop Glass, Vandal Proof IK10, IP65 Lens (see over for details).
- Tamperproof or Vandal Proof Options available.
- Optional Adaption Plate for use to retro-fit old existing larger holes.
- Square Trim accessories also available.



### SPECIFICATIONS

#### Dimensions (mm)

|              |     |
|--------------|-----|
| Dia. overall | 192 |
| Dia. Cut out | 175 |
| Depth        | 180 |

| TECHNICAL INFORMATION     |      |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Specified Wattage (w)     | 14   |      | 20   |      | 28   |      | 34   |      | 40   |      | 54   |      |
| Wattage (w)               | 14   |      | 20   |      | 28.1 |      | 34   |      | 40   |      | 54   |      |
| Colour Temp. (k)          | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 |
| CRI (Ra)                  | ≥82  |      |      |      |      |      |      |      |      |      |      |      |
| Luminaire Lumens (lm)     | 996  | 1024 | 1582 | 1626 | 2512 | 2581 | 3215 | 3303 | 3568 | 3666 | 4638 | 4765 |
| Driver Current (mA)       | 350  |      | 500  |      | 700  |      | 900  |      | 1050 |      | 1400 |      |
| Luminaire Efficacy (lm/W) | 71.1 | 73.1 | 79.1 | 81.3 | 89.3 | 91.8 | 94.5 | 97.1 | 89.2 | 91.7 | 85.9 | 88.2 |

### PRODUCT CODE

Example code: FWL-GB/14/40/55/W/DG/ND

*Specifications subject to change without notice*

| Product Series | Wattage | LED Type | Reflector / Beam Angle | Trim Colour | Accessories / Options     | Driver          |
|----------------|---------|----------|------------------------|-------------|---------------------------|-----------------|
| FWL-GB         | 14      | 30 3000K | 55 Wide Beam 55°       | W White     | DG Drop Glass Lens        | ND Non Dim      |
|                | 20      | 40 4000K |                        | S Silver    | FG Flush Glass IP54       | 1-10V 1-10V Dim |
|                | 28      |          |                        | B Black     | D Diffused IP65 Lens      | DSI DSI Dim     |
|                | 34      |          |                        |             | C Clear IP65 Lens         | DALI DALI Dim   |
|                | 40      |          |                        |             | TC Tamperproof Clear Lens | E Emergency     |
|                | 54      |          |                        |             | SQ Square Clear Lens      | SD Switch Dim   |
|                |         |          |                        |             | V Vandal Proof IK10       |                 |
|                |         |          |                        |             | AP Adaption Plate         |                 |
|                |         |          |                        |             | SR Seismic Restraint      |                 |

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# FWL-GB

## ACCESSORIES



Drop Glass



Flush Glass



Diffused Lens



Clear Lens



Tamperproof Clear Lens



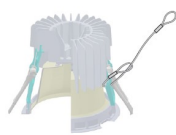
Square Clear Lens



Vandal Proof  
IK10



Adaption Plate



Seismic  
Restraint

## PRODUCT CODE

Example code: FWL-GB/14/40/55/W/DG/ND

*Specifications subject to change without notice*

| Product Series | Wattage | LED Type | Reflector / Beam Angle | Trim Colour | Accessories / Options     | Driver          |
|----------------|---------|----------|------------------------|-------------|---------------------------|-----------------|
| FWL-GB         | 14      | 30 3000K | 55 Wide Beam 55°       | W White     | DG Drop Glass Lens        | ND Non Dim      |
|                | 20      | 40 4000K |                        | S Silver    | FG Flush Glass IP54       | 1-10V 1-10V Dim |
|                | 28      |          |                        | B Black     | D Diffused IP65 Lens      | DSI DSI Dim     |
|                | 34      |          |                        |             | C Clear IP65 Lens         | DALI DALI Dim   |
|                | 40      |          |                        |             | TC Tamperproof Clear Lens | E Emergency     |
|                | 54      |          |                        |             | SQ Square Clear Lens      | SD Switch Dim   |
|                |         |          |                        |             | V Vandal Proof IK10       |                 |
|                |         |          |                        |             | AP Adaption Plate         |                 |
|                |         |          |                        |             | SR Seismic Restraint      |                 |

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# FWL-GC

## COLOUR RENDERING LED DOWNLIGHT

### FEATURES

- High Colour Rendering LED Downlight.
- High Quality Reflector.
- Cyanosis Compliant.
- Cree LEDs.
- CRI  $\geq 96$ .
- 50,000hrs @ L90/B10.
- R<sub>9</sub> Value:  $\geq 85$ .
- MacAdam 3.
- Optional Accessories - including Drop Glass, IP65 Lens.
- Tamperproof and Vandal Proof Options available.
- Optional Adaption Plate for use to retro-fit old existing larger holes.
- Square Trim accessories also available.



### SPECIFICATIONS

#### Dimensions (mm)

|                    |     |
|--------------------|-----|
| Diameter (overall) | 192 |
| Diameter (cutout)  | 175 |
| Depth              | 180 |

### PRODUCT CODE

Example code: FWL-GC/13/30/55/W/DG/ND

*Specifications subject to change without notice.*

| Product Series | Wattage | LED Type | Reflector Beam Angle | Trim Colour | Accessories/Options       | Driver              |
|----------------|---------|----------|----------------------|-------------|---------------------------|---------------------|
| FWL-GC         | 13      | 30 3000K | 29 Narrow Beam 29°   | W White     | DG Drop Glass Lens        | ND Non Dimming      |
|                | 19      | 40 4000K | 55 Wide Beam 55°     | B Black     | FG Flush Glass IP54       | 1-10V 1-10V Dimming |
|                | 27      |          |                      | S Silver    | D Diffused IP65 Lens      | DALI DALI Dimming   |
|                | 34      |          |                      |             | C Clear IP65 Lens         | SD Switch Dimming   |
|                | 39      |          |                      |             | TC Tamperproof Clear Lens | E Emergency         |
|                | 54      |          |                      |             | SQ Square Clear Lens      | DSI DSI Dimming     |
|                |         |          |                      |             | AP Adaption Plate         |                     |
|                |         |          |                      |             | SR Seismic Restraint      |                     |
|                |         |          |                      |             | V Vandal Proof IK10       |                     |

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# FWL-GC

## COLOUR RENDERING LED DOWNLIGHT

### TECHNICAL INFORMATION

| Specified Wattage (w)        | 13   |       | 19   |      | 27   |      | 34   |      | 39   |      | 54   |      |
|------------------------------|------|-------|------|------|------|------|------|------|------|------|------|------|
| Wattage (w)                  | 13.5 |       | 19.0 |      | 27.1 |      | 33.6 |      | 38.9 |      | 53.5 |      |
| Colour Temp. (k)             | 3000 | 4000  | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 |
| Luminaire Output Lumens (lm) | 1120 | 1351  | 1555 | 1876 | 2132 | 2571 | 2735 | 3300 | 3054 | 3683 | 3977 | 4797 |
| Driver Current (mA)          | 350  |       | 500  |      | 700  |      | 900  |      | 1050 |      | 1400 |      |
| Luminaire Efficacy (lm/W)    | 83.0 | 100.0 | 81.8 | 98.7 | 78.7 | 94.9 | 81.4 | 98.2 | 78.5 | 94.7 | 74.3 | 89.7 |

### ACCESSORIES



Drop Glass



Flush Glass



Diffused Lens



Clear Lens



Tamperproof Clear Lens



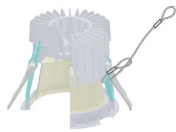
Square Clear Lens



Vandal Proof  
IK10



Adaption Plate



Seismic  
Restraint

### PRODUCT CODE

Example code: FWL-GC/13/30/55/W/DG/ND

Specifications subject to change without notice.

| Product Series | Wattage | LED Type | Reflector Beam Angle | Trim Colour | Accessories/Options       | Driver              |
|----------------|---------|----------|----------------------|-------------|---------------------------|---------------------|
| FWL-GC         | 13      | 30 3000K | 29 Narrow Beam 29°   | W White     | DG Drop Glass Lens        | ND Non Dimming      |
|                | 19      | 40 4000K | 55 Wide Beam 55°     | B Black     | FG Flush Glass IP54       | 1-10V 1-10V Dimming |
|                | 27      |          |                      | S Silver    | D Diffused IP65 Lens      | DALI DALI Dimming   |
|                | 34      |          |                      |             | C Clear IP65 Lens         | SD Switch Dimming   |
|                | 39      |          |                      |             | TC Tamperproof Clear Lens | E Emergency         |
|                | 54      |          |                      |             | SQ Square Clear Lens      | DSI DSI Dimming     |
|                |         |          |                      |             | AP Adaption Plate         |                     |
|                |         |          |                      |             | SR Seismic Restraint      |                     |
|                |         |          |                      |             | V Vandal Proof IK10       |                     |

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# FWL-GCSM

## COLOUR RENDERING SURFACE MOUNTED DOWNLIGHT

### FEATURES

- Colour Rendering Surface Mounted LED Downlight.
- High Quality Reflector.
- Cree LEDs.
- CRI  $\geq 96$ .
- 50,000hrs @ L90/B10.
- R<sub>9</sub> Value:  $\geq 85$ .
- MacAdam 3.
- Optional Accessories - including Drop Glass and IP65 Lens.
- TORX tamperproof fastener options available.
- Dimming Options Available: 1-10V, DSI, Switch and DALI Dimming.



Dimensions

### PRODUCT CODE

Example code: FWL-GCSM/13/30/29/W/DG/ND

Specifications subject to change without notice.

| Product Series | Wattage | LED Type | Reflector Beam Angle | Trim Colour | Accessories/Options          | Driver              |
|----------------|---------|----------|----------------------|-------------|------------------------------|---------------------|
| FWL-GCSM       | 13      | 30 3000K | 29 Narrow Beam 29°   | W White     | DG Drop Glass Lens           | ND Non Dimming      |
|                | 19      | 40 4000K | 55 Wide Beam 55°     | B Black     | FG Flush Glass IP54          | 1-10V 1-10V Dimming |
|                | 27      |          |                      | S Silver    | D Diffused IP65 Lens         | DALI DALI Dimming   |
|                | 34      |          |                      |             | C Clear IP65 Lens            | DSI DSI Dimming     |
|                | 39      |          |                      |             | TC Tamperproof Clear Lens    | E Emergency         |
|                |         |          |                      |             | TD Tamperproof Diffused Lens | SD Switch Dimming   |

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# FWL-GCSM

## COLOUR RENDERING

## SURFACE MOUNTED DOWNLIGHT

### TECHNICAL INFORMATION

| Specified Wattage (w)        | 13   |       | 19   |      | 27   |      | 34   |      | 39   |      |
|------------------------------|------|-------|------|------|------|------|------|------|------|------|
| Wattage (w)                  | 13.5 |       | 19.0 |      | 27.1 |      | 33.6 |      | 38.9 |      |
| Colour Temp. (k)             | 3000 | 4000  | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 |
| Luminaire Output Lumens (lm) | 1120 | 1351  | 1555 | 1876 | 2132 | 2571 | 2735 | 3300 | 3054 | 3683 |
| Driver Current (mA)          | 350  |       | 500  |      | 700  |      | 900  |      | 1050 |      |
| Luminaire Efficacy (lm/W)    | 83.0 | 100.0 | 81.8 | 98.7 | 78.7 | 94.9 | 81.4 | 98.2 | 78.5 | 94.7 |

### ACCESSORIES



Drop Glass



Flush Glass



Diffused Lens



Clear Lens



Tamperproof  
Clear Lens



Tamperproof  
Diffused Lens

### PRODUCT CODE

Example code: FWL-GCSM/13/30/29/W/DG/ND

Specifications subject to change without notice.

| Product Series | Wattage | LED Type | Reflector Beam Angle | Trim Colour | Accessories/Options          | Driver              |
|----------------|---------|----------|----------------------|-------------|------------------------------|---------------------|
| FWL-GCSM       | 13      | 30 3000K | 29 Narrow Beam 29°   | W White     | DG Drop Glass Lens           | ND Non Dimming      |
|                | 19      | 40 4000K | 55 Wide Beam 55°     | B Black     | FG Flush Glass IP54          | 1-10V 1-10V Dimming |
|                | 27      |          |                      | S Silver    | D Diffused IP65 Lens         | DALI DALI Dimming   |
|                | 34      |          |                      |             | C Clear IP65 Lens            | DSI DSI Dimming     |
|                | 39      |          |                      |             | TC Tamperproof Clear Lens    | E Emergency         |
|                |         |          |                      |             | TD Tamperproof Diffused Lens | SD Switch Dimming   |

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# FWL-GP

## HIGH PERFORMANCE LED DOWNLIGHT

### FEATURES

- High Performance LED Downlight.
- High Quality Reflector.
- Cree LEDs.
- $\geq 100,000$  hrs at L90/B10.
- Optional Accessories - including Drop Glass, Vandal Proof IK10, IP65 Lens (see over for details).
- Tamperproof and Vandal Proof Options available.
- Optional Adaption Plate for use to retro-fit old existing larger holes.
- Square Trim accessories also available.



### SPECIFICATIONS

#### Dimensions (mm)

|              |     |
|--------------|-----|
| Dia. overall | 192 |
| Dia. Cut out | 175 |
| Depth        | 180 |

### TECHNICAL INFORMATION

| Specified Wattage (w)     | 13        |       | 19    |       | 27    |       | 34    |       | 39    |       | 54    |       | 68   |      |
|---------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| Wattage (w)               | 13.5      |       | 19    |       | 27.1  |       | 33.6  |       | 38.9  |       | 53.5  |       | 68.1 |      |
| Colour Temp. (k)          | 3000      | 4000  | 3000  | 4000  | 3000  | 4000  | 3000  | 4000  | 3000  | 4000  | 3000  | 4000  | 3000 | 4000 |
| CRI (Ra)                  | $\geq 83$ |       |       |       |       |       |       |       |       |       |       |       |      |      |
| Luminaire Lumens (lm)     | 1557      | 1656  | 2160  | 2298  | 2962  | 3151  | 3799  | 4042  | 4243  | 4514  | 5526  | 5879  | 6398 | 6806 |
| Driver Current (mA)       | 350       |       | 500   |       | 700   |       | 900   |       | 1050  |       | 1400  |       | 1750 |      |
| Luminaire Efficacy (lm/W) | 115.3     | 122.7 | 113.7 | 120.9 | 109.3 | 116.3 | 113.1 | 120.3 | 109.1 | 116.0 | 103.3 | 109.9 | 94.0 | 99.9 |

### PRODUCT CODE

Example code: FWL-GP/13/30/55/W/DG/ND

*Specifications subject to change without notice*

| Product Series | Wattage | LED Type | Reflector / Beam Angle | Trim Colour | Accessories / Options     | Driver          |
|----------------|---------|----------|------------------------|-------------|---------------------------|-----------------|
| FWL-GP         | 13      | 30 3000K | 29 Narrow Beam 29°     | W White     | DG Drop Glass Lens        | ND Non Dim      |
|                | 19      | 40 4000K | 55 Wide Beam 55°       | S Silver    | FG Flush Glass IP54       | 1-10V 1-10V Dim |
|                | 27      |          |                        | B Black     | D Diffused IP65 Lens      | DALI DALI Dim   |
|                | 34      |          |                        |             | C Clear IP65 Lens         | E Emergency     |
|                | 39      |          |                        |             | TC Tamperproof Clear Lens | SD Switch Dim   |
|                | 54      |          |                        |             | SQ Square Clear Lens      | DSI DSI Dim     |
|                | 68      |          |                        |             | V Vandal Proof IK10       |                 |
|                |         |          |                        |             | AP Adaption Plate         |                 |
|                |         |          |                        |             | SR Seismic Restraint      |                 |

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# FWL-GP

## ACCESSORIES



Drop Glass



Flush Glass



Diffused Lens



Clear Lens



Tamperproof Clear Lens



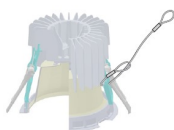
Square Clear Lens



Vandal Proof  
IK10



Adaption Plate



Seismic  
Restraint

## PRODUCT CODE

Example code: FWL-GP/13/30/55/W/DG/ND

*Specifications subject to change without notice*

| Product Series | Wattage | LED Type | Reflector / Beam Angle | Trim Colour | Accessories / Options     | Driver          |
|----------------|---------|----------|------------------------|-------------|---------------------------|-----------------|
| FWL-GP         | 13      | 30 3000K | 29 Narrow Beam 29°     | W White     | DG Drop Glass Lens        | ND Non Dim      |
|                | 19      | 40 4000K | 55 Wide Beam 55°       | S Silver    | FG Flush Glass IP54       | 1-10V 1-10V Dim |
|                | 27      |          |                        | B Black     | D Diffused IP65 Lens      | DALI DALI Dim   |
|                | 34      |          |                        |             | C Clear IP65 Lens         | E Emergency     |
|                | 39      |          |                        |             | TC Tamperproof Clear Lens | SD Switch Dim   |
|                | 54      |          |                        |             | SQ Square Clear Lens      | DSI DSI Dim     |
|                | 68      |          |                        |             | V Vandal Proof IK10       |                 |
|                |         |          |                        |             | AP Adaption Plate         |                 |
|                |         |          |                        |             | SR Seismic Restraint      |                 |

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# FWL-GPS

## HIGH PERFORMANCE SURFACE MOUNTED OR SUSPENDED LED DOWNLIGHT

### FEATURES

- High Performance Surface Mounted or Suspended LED Downlight.
- High Quality Reflector.
- Cree LEDs.
- $\geq 100,000$  hrs at L90/B10.
- Optional Accessories - including Drop Glass and IP65 Lens.
- Tamperproof option available.
- Dimming Options Available: 1-10V, Switch, DSI and DALI Dimming.

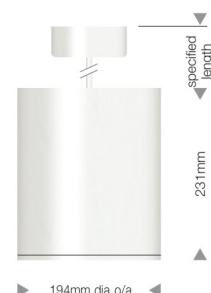


Surface Mount

Suspension



Surface Mount  
Dimensions



Suspension  
Dimensions

### ACCESSORIES



Drop Glass



Flush Glass



Diffused Lens



Clear Lens



Tamperproof Clear Lens

### PRODUCT CODE

Example code: FWL-GPSM/34/40/55/W/FG/ND

*Specifications subject to change without notice*

| Product Series                | Suspension Type  | Wattage   | LED Type        | Reflector / Beam Angle    | Trim Colour     | Accessories / Options            | Driver                 |
|-------------------------------|------------------|-----------|-----------------|---------------------------|-----------------|----------------------------------|------------------------|
| <b>FWL-GPSM</b> Surface Mount |                  | <b>13</b> | <b>30</b> 3000K | <b>29</b> Narrow Beam 29° | <b>W</b> White  | <b>DG</b> Drop Glass Lens        | <b>ND</b> Non Dim      |
| <b>FWL-GPSUS</b> Suspension   | <b>CBL</b> Cable | <b>19</b> | <b>40</b> 4000K | <b>55</b> Wide Beam 55°   | <b>S</b> Silver | <b>FG</b> Flush Glass IP54       | <b>1-10V</b> 1-10V Dim |
|                               | <b>WR</b> Wire   | <b>27</b> |                 |                           | <b>B</b> Black  | <b>D</b> Diffused IP65 Lens      | <b>DALI</b> DALI Dim   |
|                               |                  | <b>34</b> |                 |                           |                 | <b>C</b> Clear IP65 Lens         | <b>SD</b> Switch Dim   |
|                               |                  | <b>39</b> |                 |                           |                 | <b>TC</b> Tamperproof Clear Lens | <b>E</b> Emergency     |
|                               |                  |           |                 |                           |                 |                                  | <b>DSI</b> DSI Dim     |

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# FWL-GPS

HIGH PERFORMANCE SURFACE MOUNTED  
OR SUSPENDED LED DOWNLIGHT

| TECHNICAL INFORMATION     |       |       |       |       |       |       |       |       |       |       |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Specified Wattage (w)     | 13    |       | 19    |       | 27    |       | 34    |       | 39    |       |
| Wattage (w)               | 13.5  |       | 19.0  |       | 27.1  |       | 33.6  |       | 38.9  |       |
| Colour Temp. (k)          | 3000  | 4000  | 3000  | 4000  | 3000  | 4000  | 3000  | 4000  | 3000  | 4000  |
| CRI (Ra)                  | 83    |       | 83    |       | 83    |       | 83    |       | 83    |       |
| Luminaire Lumens (lm)     | 1557  | 1656  | 2160  | 2298  | 2962  | 3151  | 3799  | 4042  | 4243  | 4514  |
| Driver Current (mA)       | 350   |       | 500   |       | 700   |       | 900   |       | 1050  |       |
| Luminaire Efficacy (lm/W) | 115.3 | 122.7 | 113.7 | 120.9 | 109.3 | 116.3 | 113.1 | 120.3 | 109.1 | 116.0 |

## PRODUCT CODE

Example code: FWL-GPSM/34/40/55/W/FG/ND

*Specifications subject to change without notice*

| Product Series |               | Suspension Type |       | Wattage | LED Type |       | Reflector / Beam Angle |                 | Trim Colour |        | Accessories / Options |                        | Driver |            |
|----------------|---------------|-----------------|-------|---------|----------|-------|------------------------|-----------------|-------------|--------|-----------------------|------------------------|--------|------------|
| FWL-GPSM       | Surface Mount |                 |       | 13      | 30       | 3000K | 29                     | Narrow Beam 29° | W           | White  | DG                    | Drop Glass Lens        | ND     | Non Dim    |
| FWL-GPSUS      | Suspension    | CBL             | Cable | 19      | 40       | 4000K | 55                     | Wide Beam 55°   | S           | Silver | FG                    | Flush Glass IP54       | 1-10V  | 1-10V Dim  |
|                |               | WR              | Wire  | 27      |          |       |                        |                 | B           | Black  | D                     | Diffused IP65 Lens     | DALI   | DALI Dim   |
|                |               |                 |       | 34      |          |       |                        |                 |             |        | C                     | Clear IP65 Lens        | SD     | Switch Dim |
|                |               |                 |       | 39      |          |       |                        |                 |             |        | TC                    | Tamperproof Clear Lens | E      | Emergency  |
|                |               |                 |       |         |          |       |                        |                 |             |        |                       |                        | DSI    | DSI Dim    |

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# FWL-GPW



## HIGH PERFORMANCE LED WALLWASHER DOWNLIGHT

### FEATURES

- High Performance LED Wallwasher Downlight.
- High Quality Reflector.
- Cree LEDs.
- CRI ≥83.
- ≥100,00hrs at L90/B10.
- Optional Adaption Plate for use to retro-fit old existing larger holes.



### SPECIFICATIONS

#### Dimensions (mm)

|              |       |
|--------------|-------|
| Dia. overall | 192mm |
| Dia. Cut out | 175mm |
| Depth        | 180mm |

### ACCESSORIES



Round Adaption Plate  
165mm ID / 265mm OD  
For maximum:  
-245mm dia. hole



Seismic Restraint

### TECHNICAL INFORMATION

| Specified Wattage (w)     | 14   |      | 19   |      | 27   |      | 41   |      |
|---------------------------|------|------|------|------|------|------|------|------|
| Wattage (w)               | 13.8 |      | 19.3 |      | 27.2 |      | 41.0 |      |
| Colour Temp. (k)          | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 |
| Luminaire Lumens (lm)     | 895  | 953  | 1317 | 1401 | 1796 | 1911 | 2561 | 2715 |
| Driver Current (mA)       | 350  |      | 500  |      | 700  |      | 1050 |      |
| Luminaire Efficacy (lm/W) | 65.0 | 69.0 | 68.2 | 72.6 | 66.0 | 70.3 | 62.5 | 66.4 |

### PRODUCT CODE

Example code: FWL-GPW/14/40/W/AP/ND

*Specifications subject to change without notice*

| Product Series | Wattage | LED Type | Trim Colour | Accessories / Options | Driver              |
|----------------|---------|----------|-------------|-----------------------|---------------------|
| FWL-GPW        | 14      | 30 3000K | W White     | AP Adaption Plate     | ND Non Dimming      |
|                | 19      | 40 4000K | S Silver    | SR Seismic Restraint  | 1-10V 1-10V Dimming |
|                | 27      |          | B Black     |                       | SD Switch Dimming   |
|                | 41      |          |             |                       | DALI DALI Dimming   |
|                |         |          |             |                       | DSI DSI Dimming     |

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# FWL-GX

## HIGH CRI LED DOWNLIGHT

### FEATURES

- High CRI LED Downlight.
- High Quality Reflector.
- Cree LEDs.
- CRI ≥90.
- 100,000hrs @ L90/B10.
- R<sub>9</sub> Value: ≥55.
- MacAdam: 2.
- Optional Accessories - including Drop Glass, Vandal Proof IK10, and IP54 Lens (see over).
- Tamperproof and Vandal Proof Options available.



### SPECIFICATIONS

#### Dimensions (mm)

|              |     |
|--------------|-----|
| Dia. overall | 192 |
| Dia. Cut out | 175 |
| Depth        | 180 |

### TECHNICAL INFORMATION

| Specified Wattage (w)     | 13   |       | 19   |       | 27   |      | 34   |       | 39   |      | 54   |      | 68   |      |
|---------------------------|------|-------|------|-------|------|------|------|-------|------|------|------|------|------|------|
| Wattage (w)               | 13.5 |       | 19.0 |       | 27.1 |      | 33.6 |       | 38.9 |      | 53.5 |      | 68.1 |      |
| Colour Temp. (k)          | 3000 | 4000  | 3000 | 4000  | 3000 | 4000 | 3000 | 4000  | 3000 | 4000 | 3000 | 4000 | 3000 | 4000 |
| Luminaire Lumens (lm)     | 1200 | 1379  | 1666 | 1915  | 2284 | 2625 | 2930 | 3369  | 3272 | 3761 | 4261 | 4898 | 4934 | 5671 |
| Driver Current (mA)       | 350  |       | 500  |       | 700  |      | 900  |       | 1050 |      | 1400 |      | 1750 |      |
| Luminaire Efficacy (lm/W) | 88.9 | 102.1 | 87.7 | 100.8 | 84.3 | 96.9 | 87.2 | 100.2 | 84.1 | 96.7 | 79.6 | 91.6 | 72.5 | 83.3 |

### PRODUCT CODE

Example code: FWL-GX/27/40/55/B/FG/ND

Specifications subject to change without notice.

| Product Series | Wattage | LED Type | Reflector / Beam Angle | Trim Colour | Accessories / Options     | Driver              |
|----------------|---------|----------|------------------------|-------------|---------------------------|---------------------|
| FWL-GX         | 13      | 30 3000K | 29 Narrow Beam 29°     | W White     | DG Drop Glass Lens        | ND Non Dimming      |
|                | 19      | 40 4000K | 55 Wide Beam 55°       | S Silver    | FG Flush Glass IP54       | 1-10V 1-10V Dimming |
|                | 27      |          |                        | B Black     | D Diffused IP65 Lens      | SD Switch Dimming   |
|                | 34      |          |                        |             | C Clear IP65 Lens         | DALI DALI Dimming   |
|                | 39      |          |                        |             | SQ Square Clear IP65 Lens | E Emergency         |
|                | 54      |          |                        |             | V Vandal Proof IK10       | DSI DSI Dimming     |
|                | 68      |          |                        |             | AP Adaption Plate         |                     |
|                |         |          |                        |             | Z Seismic Restraint       |                     |

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# FWL-GX

## ACCESSORIES



Drop Glass



Flush Glass



Diffused Lens



Clear Lens



Tamperproof Clear Lens



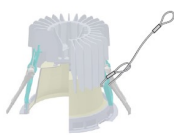
Square Clear Lens



Vandal Proof  
IK10



Adaption Plate



Seismic  
Restraint

## PRODUCT CODE

Example code: FWL-GX/27/40/55/B/FG/ND

*Specifications subject to change without notice.*

| Product Series | Wattage | LED Type | Reflector / Beam Angle | Trim Colour | Accessories / Options     | Driver              |
|----------------|---------|----------|------------------------|-------------|---------------------------|---------------------|
| FWL-GX         | 13      | 30 3000K | 29 Narrow Beam 29°     | W White     | DG Drop Glass Lens        | ND Non Dimming      |
|                | 19      | 40 4000K | 55 Wide Beam 55°       | S Silver    | FG Flush Glass IP54       | 1-10V 1-10V Dimming |
|                | 27      |          |                        | B Black     | D Diffused IP65 Lens      | SD Switch Dimming   |
|                | 34      |          |                        |             | C Clear IP65 Lens         | DALI DALI Dimming   |
|                | 39      |          |                        |             | SQ Square Clear IP65 Lens | E Emergency         |
|                | 54      |          |                        |             | V Vandal Proof IK10       | DSI DSI Dimming     |
|                | 68      |          |                        |             | AP Adaption Plate         |                     |
|                |         |          |                        |             | Z Seismic Restraint       |                     |

# FWL-GXS

## HIGH CRI SURFACE MOUNTED OR SUSPENDED LED DOWNLIGHT

### FEATURES

- High CRI Surface Mounted or Suspended LED Downlight.
- High Quality Reflector.
- Cree LEDs.
- CRI  $\geq 90$ .
- 100,000hrs @ L90/B10.
- R<sub>9</sub> Value:  $\geq 55$ .
- MacAdam: 2.
- Optional Accessories - including Drop Glass and IP65 Lens.
- Tamperproof option available.
- Dimming Options Available: 1-10V, DSI, Switch and DALI Dimming.



Surface Mount

Suspension



Surface Mount  
Dimensions



Suspension  
Dimensions

### PRODUCT CODE

Example code: FWL-GXSM/34/40/55/W/FG/ND

Specifications subject to change without notice

| Product Series |               | Suspension Type |       | Wattage | LED Type |       | Reflector / Beam Angle |                 | Trim Colour |        | Accessories / Options |                        | Driver |            |
|----------------|---------------|-----------------|-------|---------|----------|-------|------------------------|-----------------|-------------|--------|-----------------------|------------------------|--------|------------|
| FWL-GXSM       | Surface Mount |                 |       | 13      | 30       | 3000K | 29                     | Narrow Beam 29° | W           | White  | DG                    | Drop Glass Lens        | ND     | Non Dim    |
| FWL-GXSUS      | Suspension    | CBL             | Cable | 19      | 40       | 4000K | 55                     | Wide Beam 55°   | S           | Silver | FG                    | Flush Glass IP54       | 1-10V  | 1-10V Dim  |
|                |               | WR              | Wire  | 27      |          |       |                        |                 | B           | Black  | D                     | Diffused IP65 Lens     | DALI   | DALI Dim   |
|                |               |                 |       | 34      |          |       |                        |                 |             |        | C                     | Clear IP65 Lens        | SD     | Switch Dim |
|                |               |                 |       | 39      |          |       |                        |                 |             |        | TC                    | Tamperproof Clear Lens | E      | Emergency  |
|                |               |                 |       |         |          |       |                        |                 |             |        |                       |                        | DSI    | DSI Dim    |

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# FWL-GXS

## HIGH CRI SURFACE MOUNTED OR SUSPENDED LED DOWNLIGHT

| TECHNICAL INFORMATION     |      |       |      |       |      |      |      |       |      |      |
|---------------------------|------|-------|------|-------|------|------|------|-------|------|------|
| Specified Wattage (w)     | 13   |       | 19   |       | 27   |      | 34   |       | 39   |      |
| Wattage (w)               | 13.5 |       | 19.0 |       | 27.1 |      | 33.6 |       | 38.9 |      |
| Colour Temp. (k)          | 3000 | 4000  | 3000 | 4000  | 3000 | 4000 | 3000 | 4000  | 3000 | 4000 |
| Luminaire Lumens (lm)     | 1200 | 1379  | 1666 | 1915  | 2284 | 2625 | 2930 | 3369  | 3272 | 3761 |
| Driver Current (mA)       | 350  |       | 500  |       | 700  |      | 900  |       | 1050 |      |
| Luminaire Efficacy (lm/W) | 88.9 | 102.1 | 87.7 | 100.8 | 84.3 | 96.9 | 87.2 | 100.2 | 84.1 | 96.7 |

### ACCESSORIES



Drop Glass



Flush Glass



Diffused Lens



Clear Lens



Tamperproof Clear Lens

### PRODUCT CODE

Example code: FWL-GXSM/34/40/55/W/FG/ND

*Specifications subject to change without notice*

Specifications subject to change without notice

| Product Series |               | Suspension Type |       | Wattage | LED Type |       | Reflector / Beam Angle |                 | Trim Colour |        | Accessories / Options |                        | Driver |            |
|----------------|---------------|-----------------|-------|---------|----------|-------|------------------------|-----------------|-------------|--------|-----------------------|------------------------|--------|------------|
| FWL-GXSM       | Surface Mount |                 |       | 13      | 30       | 3000K | 29                     | Narrow Beam 29° | W           | White  | DG                    | Drop Glass Lens        | ND     | Non Dim    |
| FWL-GXSUS      | Suspension    | CBL             | Cable | 19      | 40       | 4000K | 55                     | Wide Beam 55°   | S           | Silver | FG                    | Flush Glass IP54       | 1-10V  | 1-10V Dim  |
|                |               | WR              | Wire  | 27      |          |       |                        |                 | B           | Black  | D                     | Diffused IP65 Lens     | DALI   | DALI Dim   |
|                |               |                 |       | 34      |          |       |                        |                 |             |        | C                     | Clear IP65 Lens        | SD     | Switch Dim |
|                |               |                 |       | 39      |          |       |                        |                 |             |        | TC                    | Tamperproof Clear Lens | E      | Emergency  |
|                |               |                 |       |         |          |       |                        |                 |             |        |                       |                        | DSI    | DSI Dim    |

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