

# Flo

## Surface/Suspended

Flo is a high performance High/Low bay luminaire, which is suitable for industrial applications. Precise optics and lighting control for racking and open areas, available in a variety of outputs, to suit your needs.

- Efficacy of up to 153 lm/W.
- Colour temperatures: 3000°k, 4000°k.
- Colour Finish: Silver anodized housing as standard.
- Optics: Four options available, 90° Wide beam supplied as standard.
- Industry driver options: Fixed output or Dali dimming, for extended service life.
- Wireless control options: Casambi\*.
- Pre flexed luminaires can be supplied on non standard variants, Please contact P&A for further details.
- Suitable mounting height range: 5m - 12m.
- Emergency options: Standard 3hr, Self-Test, Dali addressable or 3hr Dali Wireless Sentinel.

### Technical

|                    |                                                                |
|--------------------|----------------------------------------------------------------|
| Product            | Flo                                                            |
| Mounting type      | Surface<br>Suspended                                           |
| Lengths            | 750mm<br>1200mm                                                |
| Lumens             | 11855 -19231lm                                                 |
| Optics             | 90° Wide beam<br>60° Medium Beam<br>40° Narrow Beam<br>Batwing |
| Efficacy           | Up to 153 lm/W                                                 |
| Colour Temperature | Warm White (3K)<br>Neutral White (4K)                          |
| Control            | Industry DALI, Industry Fixed Output, Casambi,                 |
| Emergency          | 3 hour, DALI, Self-Test, DALI Wireless Sentinel                |
| Rendering          | Ra80+                                                          |
| IP Rating          | IP40*                                                          |
| Safety Class       | Class 1                                                        |
| MacAdam            | SDCM 3                                                         |
| L70/B10            | >50K                                                           |

\* IP20 when used with casambi. IP40 without casambi

## Luminaire Order Builder

### Flo7 (750mm)

| STEP 1.                                                                            | STEP 2.                                                                                                                                   | STEP 3.                                      | STEP 4.                                                                                          | STEP 5.                      | STEP 6.                                                                                                                                        |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Select Current                                                                     | Optics                                                                                                                                    | CCT                                          | Control                                                                                          | Finish                       | Emergency                                                                                                                                      |
| <b>50</b><br>500mA<br>11510 Lm - 75W<br><br><b>70H</b><br>700mA<br>16115 Lm - 106W | <b>90</b><br>90° Wide beam<br><br><b>60</b><br>60° Medium beam<br><br><b>40</b><br>40° High Racking beam<br><br><b>BW</b><br>Batwing beam | <b>3K</b><br>3000K<br><br><b>4K</b><br>4000K | <b>A5</b><br>Casambi<br><br><b>A6</b><br>Industry Fixed Output<br><br><b>A7</b><br>Industry DALI | <b>SA</b><br>Silver Anodized | <b>E3</b><br>Standard 3 Hour<br><br><b>ED</b><br>DALI/EMPRO<br><br><b>ES</b><br>Self-Test<br><br><b>EW</b><br>3 hour DALI<br>Wireless Sentinel |

All electrical and optical data subject to ±10% tolerances.  
 Values based on 4000K Colour temperature.  
 H = High Output

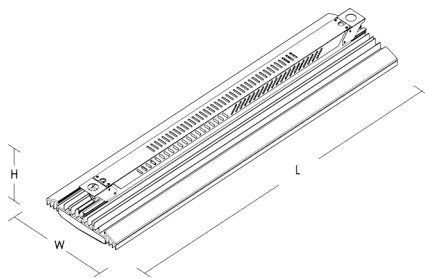
Example Code: FLO770H904KA7SAE3

### Flo12 (1200mm)

| STEP 1.                             | STEP 2.                                                                                                                                   | STEP 3.                                      | STEP 4.                                                                                          | STEP 5.                      | STEP 6.                                                                                                                                        |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Select Current                      | Optics                                                                                                                                    | CCT                                          | Control                                                                                          | Finish                       | Emergency                                                                                                                                      |
| <b>65</b><br>650mA<br>19231 Lm-150W | <b>90</b><br>90° Wide beam<br><br><b>60</b><br>60° Medium beam<br><br><b>40</b><br>40° High Racking beam<br><br><b>BW</b><br>Batwing beam | <b>3K</b><br>3000K<br><br><b>4K</b><br>4000K | <b>A5</b><br>Casambi<br><br><b>A6</b><br>Industry Fixed Output<br><br><b>A7</b><br>Industry DALI | <b>SA</b><br>Silver Anodized | <b>E3</b><br>Standard 3 Hour<br><br><b>ED</b><br>DALI/EMPRO<br><br><b>ES</b><br>Self-Test<br><br><b>EW</b><br>3 hour DALI<br>Wireless Sentinel |

All electrical and optical data subject to ±10% tolerances.  
 Values based on 4000K Colour temperature.

Example Code: FLO1265904KA7SAE3



#### Dimensions

| L    | W   | H  | Finish          | Code | Colour Switch |
|------|-----|----|-----------------|------|---------------|
|      |     |    | RAL             |      |               |
| 750  | 185 | 90 | Sliver Anodized | SA   |               |
| 1200 | 185 | 90 |                 |      |               |

All dimensions are measured in millimetres (mm)



IP40  
 Protection against solid objects that over 1mm.



Safety Class  
 Class 1 Safety chassis is connected to earth with a separate terminal, instead of via the mains cable.



Warranty  
 5 year Guarantee