



| Product code | Colour |
|--------------|--------|
| 450-361-08   | White  |
| 450-361-52   | Silver |

### General Specifications

|               |  |
|---------------|--|
| Gear tray     | : Extruded aluminium   |
| Product type  | : Spotlights   |
| Mounting type | : LKM 3-phase track  |
| Description   | : The fittings can be applied to 3-phase tracks LKM, through a joint mechanism that allows them to be and justed in variable positions, according to an innovative double rotation. Closing caps in nylon, reinforced with fiberglass 30%, liquid painted. |

|                       |   |
|-----------------------|---|
| Indoor/outdoor lights | : Indoor  |
| Applications          | : Collective service areas, Display areas, Open plan offices, Shopping centres, Shops |

### Lighting specifications

|                  |                        |
|------------------|------------------------|
| Lamp description | : FD 1x35/49/80W T5 G5 |
|------------------|------------------------|

### Physical Specifications

|          |                                 |
|----------|---------------------------------|
| Body     | : Extruded aluminium            |
| Finishes | : Polyester painted             |
| Diffuser | : Extruded ribbed polycarbonate |
| Screws   | : Steel                         |

### Electrical Specifications

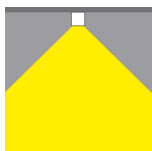
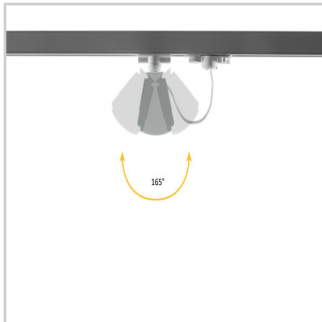
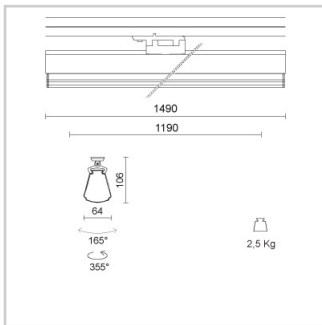
|                           |              |
|---------------------------|--------------|
| Control gear availability | : Included   |
| Control gear mounting     | : Integrated |
| Control gear type         | : Electronic |
| Glow wire (°C)            | : 850        |
| Voltage (V)               | : 230/240    |
| Frequency (Hz)            | : 50/60      |




### Weight and Dimensions

|             |               |
|-------------|---------------|
| Shape       | : Rectangular |
| Length (mm) | : 1490        |
| Width (mm)  | : 64          |
| Height (mm) | : 106         |
| Weight (Kg) | : 2.5         |

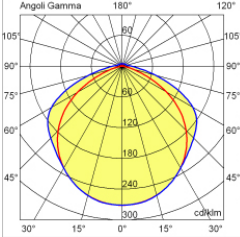


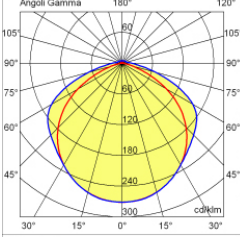


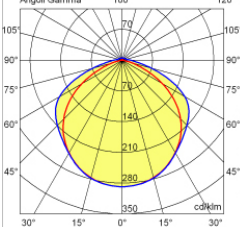


### Optical Specifications

|                        |              |
|------------------------|--------------|
| Aiming                 | : Adjustable |
| Light distribution     | : Symmetric  |
| Light emission         | : Direct     |
| Light beam             | : 110°       |
| Horizontal orientation | : 350°       |
| Vertical tilt          | : 165°       |



| Lamps  | Lamp categories | Lamp type | Lamp wattage (W) | Base | Nominal lumens on thermal regime (lm) | Color rendering (CRI) |
|--|-----------------|-----------|------------------|------|---------------------------------------|-----------------------|
|  | Fluorescent     | FD/T5     | 35               | G5   | 3300                                  | 85                    |
|  | Fluorescent     | FD/T5     | 49               | G5   | 4300                                  | 85                    |
|  | Fluorescent     | FD/T5     | 80               | G5   | 4450                                  |                       |

## Photometrics

|  |                                 |       |         |         |            |   |      |       |                  |         |           |  |
|--|---------------------------------|-------|---------|---------|------------|---|------|-------|------------------|---------|-----------|--|
|   | 450-3 Boma FD 35W T5 G5 Diff-Tr |       |         |         | R:87%      |   |      |       | I.Max:271 Cd/Klm |         |           |  |
|  | H[m]                            | D[m]  | Max lux | Med lux | Alpha=107° |   | H[m] | D[m]  | Max lux          | Med lux | Beta=128° |   |
|  | 1.00                            | 2.73  | 924     | 190     |            |   | 1.00 | 4.17  | 924              | 190     |           |  |
|  | 2.00                            | 5.46  | 231     | 47      |            |   | 2.00 | 8.35  | 231              | 47      |           |  |
|  | 3.00                            | 8.18  | 103     | 21      |            |   | 3.00 | 12.52 | 103              | 21      |           |  |
|  | 4.00                            | 10.91 | 58      | 12      |            |   | 4.00 | 16.69 | 58               | 12      |           |  |
|  | 5.00                            | 13.64 | 37      | 8       |            |   | 5.00 | 20.87 | 37               | 8       |           |  |
|  | 450-3 Boma FD 49W T5 G5 Diff-Tr |       |         |         | R:87%      |   |      |       | I.Max:271 Cd/Klm |         |           |  |
|  | H[m]                            | D[m]  | Max lux | Med lux | Alpha=107° |  | H[m] | D[m]  | Max lux          | Med lux | Beta=128° |  |
|  | 1.00                            | 2.73  | 1155    | 237     |            |   | 1.00 | 4.17  | 1155             | 237     |           |  |
|  | 2.00                            | 5.46  | 289     | 59      |            |   | 2.00 | 8.35  | 289              | 59      |           |  |
|  | 3.00                            | 8.18  | 128     | 26      |            |   | 3.00 | 12.52 | 128              | 26      |           |  |
|  | 4.00                            | 10.91 | 72      | 15      |            |   | 4.00 | 16.69 | 72               | 15      |           |  |
|  | 5.00                            | 13.64 | 46      | 9       |            |   | 5.00 | 20.87 | 46               | 9       |           |  |
|  | 450-3 Boma FD 80W T5 G5 Diff-Tr |       |         |         | R:91%      |   |      |       | I.Max:288 Cd/Klm |         |           |  |
|  | H[m]                            | D[m]  | Max lux | Med lux | Alpha=107° |  | H[m] | D[m]  | Max lux          | Med lux | Beta=127° |  |
|  | 1.00                            | 2.73  | 1916    | 402     |            |   | 1.00 | 4.05  | 1916             | 402     |           |  |
|  | 2.00                            | 5.46  | 479     | 101     |            |   | 2.00 | 8.09  | 479              | 101     |           |  |
|  | 3.00                            | 8.19  | 213     | 45      |            |   | 3.00 | 12.14 | 213              | 45      |           |  |
|  | 4.00                            | 10.92 | 120     | 25      |            |   | 4.00 | 16.18 | 120              | 25      |           |  |
|  | 5.00                            | 13.65 | 77      | 16      |            |   | 5.00 | 20.23 | 77               | 16      |           |  |

## Pictures and Applications

