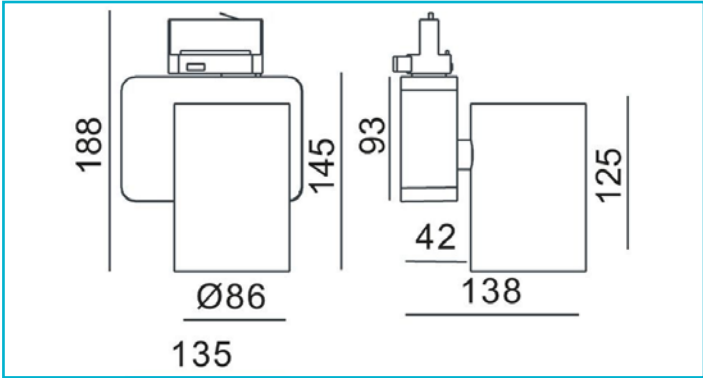


Art. no. 707040

Three-phase spotlight Nihal, 33 W, DIM, 3,000 K, white



- Special features
- can be rotated and swivelled
  - large tilt angle

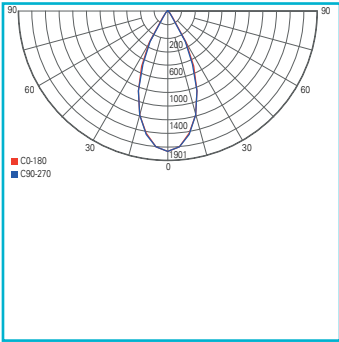
|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Housing Material                | Aluminium                                 |
| Housing Color                   | White                                     |
| Material of Lens                | Plastic                                   |
| Protection Class                | Protection class I/protective grounding   |
| Rated Input                     | 33 W                                      |
| Rated Power Consumption Standby | 0.5 W                                     |
| Rated Input Voltage Frequency   | 220-240 V/AC 50 / 60 Hz                   |
| Power Supply Unit incl.         | Yes                                       |
| Connection Type                 | Adapter                                   |
| Dimmable                        | Yes                                       |
| Control                         | Leading-edge dimmer, Trailing-edge dimmer |
| Motion Detector                 | No                                        |

|                       |                   |
|-----------------------|-------------------|
| Diameter              | 86 mm             |
| Product weight        | 1140 g            |
| Working Temperature   | -5 to 40 °C       |
| Storage Temperature   | -20 to 50 °C      |
| IP Protection Class   | IP 20             |
| Life Time L70 / B50   | 20000 h           |
| Switching Cycles      | 15000             |
| Power Consumption EEI | 33 kWh/1000h<br>G |

|                                  |                                  |
|----------------------------------|----------------------------------|
| Light Source                     | LED, Light source not changeable |
| Lightcolor                       | Warm white (WW)                  |
| Color Temperature                | 3000 K                           |
| Colour Consistency               | 6 SDCM                           |
| Colour Rendering Index (Ra)      | 90                               |
| Rated Luminous Flux              | 2450 lm                          |
| Luminous Efficiency              | 74.2 lm/W                        |
| Rated Angle of Reflection        | 33 Degree                        |
| Light Distribution               | Symmetric                        |
| Distribution Characteristic 120° | DLS                              |

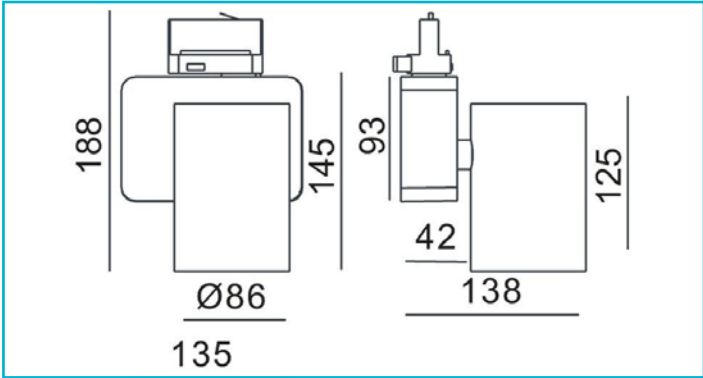
|                       |            |
|-----------------------|------------|
| Swivel Angle          | 180 Degree |
| Light Exit Surfaces   | 1          |
| Light characteristics | Direct     |
| Light direction       | Below      |

|        |        |
|--------|--------|
| Length | 135 mm |
| Width  | 138 mm |
| Height | 188 mm |



Art. no. 707041

Three-phase spotlight Nihal, 33 W, DIM, 3,000 K, black



- Special features
- can be rotated and swivelled
  - large tilt angle

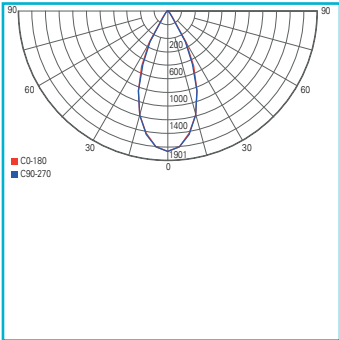
|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Housing Material                | Aluminium                                 |
| Housing Color                   | Black                                     |
| Material of Lens                | Plastic                                   |
| Protection Class                | Protection class I/protective grounding   |
| Rated Input                     | 33 W                                      |
| Rated Power Consumption Standby | 0.5 W                                     |
| Rated Input Voltage Frequency   | 220-240 V/AC 50 / 60 Hz                   |
| Power Supply Unit incl.         | Yes                                       |
| Connection Type                 | Adapter                                   |
| Dimmable                        | Yes                                       |
| Control                         | Leading-edge dimmer, Trailing-edge dimmer |
| Motion Detector                 | No                                        |

|                       |                   |
|-----------------------|-------------------|
| Diameter              | 86 mm             |
| Product weight        | 1140 g            |
| Working Temperature   | -5 to 40 °C       |
| Storage Temperature   | -20 to 50 °C      |
| IP Protection Class   | IP 20             |
| Life Time L70 / B50   | 20000 h           |
| Switching Cycles      | 15000             |
| Power Consumption EEI | 33 kWh/1000h<br>G |

|                                  |                                  |
|----------------------------------|----------------------------------|
| Light Source                     | LED, Light source not changeable |
| Lightcolor                       | Warm white (WW)                  |
| Color Temperature                | 3000 K                           |
| Colour Consistency               | 6 SDCM                           |
| Colour Rendering Index (Ra)      | 90                               |
| Rated Luminous Flux              | 2450 lm                          |
| Luminous Efficiency              | 74.2 lm/W                        |
| Rated Angle of Reflection        | 33 Degree                        |
| Light Distribution               | Symmetric                        |
| Distribution Characteristic 120° | DLS                              |

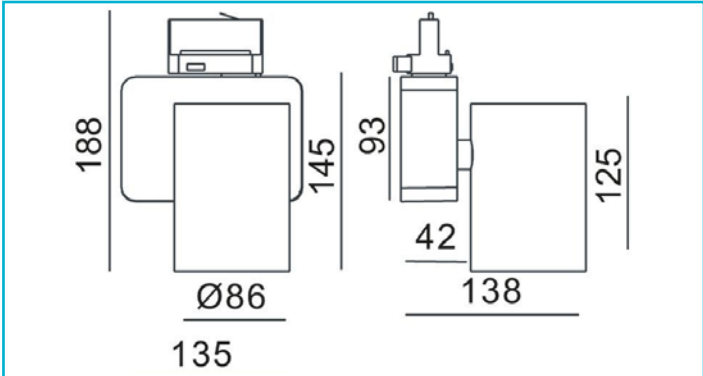
|                       |            |
|-----------------------|------------|
| Swivel Angle          | 180 Degree |
| Light Exit Surfaces   | 1          |
| Light characteristics | Direct     |
| Light direction       | Below      |

|        |        |
|--------|--------|
| Length | 135 mm |
| Width  | 138 mm |
| Height | 188 mm |



Art. no. 707042

Three-phase spotlight Nihal, 33 W, DIM, 4,000 K, white



- Special features
- can be rotated and swivelled
  - large tilt angle

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Housing Material                | Aluminium                                 |
| Housing Color                   | White                                     |
| Material of Lens                | Plastic                                   |
| Protection Class                | Protection class I/protective grounding   |
| Rated Input                     | 34 W                                      |
| Rated Power Consumption Standby | 0.5 W                                     |
| Rated Input Voltage Frequency   | 220-240 V/AC 50 / 60 Hz                   |
| Power Supply Unit incl.         | Yes                                       |
| Connection Type                 | Adapter                                   |
| Dimmable                        | Yes                                       |
| Control                         | Leading-edge dimmer, Trailing-edge dimmer |
| Motion Detector                 | No                                        |

|                                  |                                  |
|----------------------------------|----------------------------------|
| Light Source                     | LED, Light source not changeable |
| Lightcolor                       | Neutral white                    |
| Color Temperature                | 4000 K                           |
| Colour Consistency               | 6 SDCM                           |
| Colour Rendering Index (Ra)      | 90                               |
| Rated Luminous Flux              | 2860 lm                          |
| Luminous Efficiency              | 84.1 lm/W                        |
| Rated Angle of Reflection        | 33 Degree                        |
| Light Distribution               | Symmetric                        |
| Distribution Characteristic 120° | DLS                              |

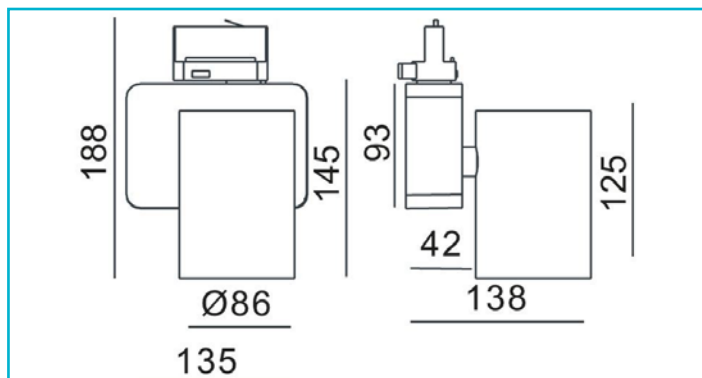
|                       |            |
|-----------------------|------------|
| Swivel Angle          | 180 Degree |
| Light Exit Surfaces   | 1          |
| Light characteristics | Direct     |
| Light direction       | Below      |

|        |        |
|--------|--------|
| Length | 135 mm |
| Width  | 138 mm |
| Height | 188 mm |

|                       |                   |
|-----------------------|-------------------|
| Diameter              | 86 mm             |
| Product weight        | 1140 g            |
| Working Temperature   | -5 to 40 °C       |
| Storage Temperature   | -20 to 50 °C      |
| IP Protection Class   | IP 20             |
| Life Time L70 / B50   | 20000 h           |
| Switching Cycles      | 15000             |
| Power Consumption EEI | 35 kWh/1000h<br>G |

Art. no. 707043

Three-phase spotlight Nihal, 33 W, DIM, 4,000 K, black



#### Special features

- can be rotated and swivelled
- large tilt angle

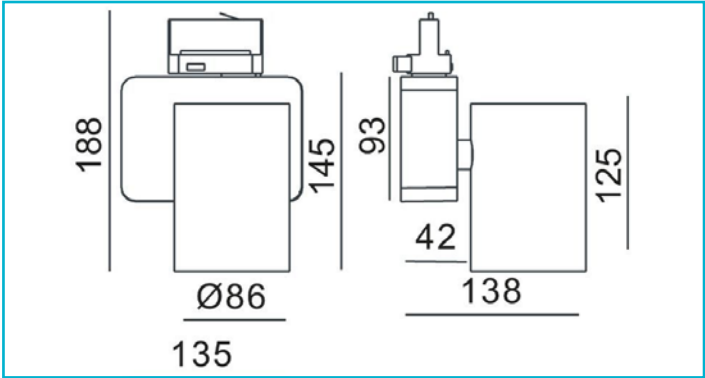
|                                        |                                           |
|----------------------------------------|-------------------------------------------|
| <b>Housing Material</b>                | Aluminium                                 |
| <b>Housing Color</b>                   | Black                                     |
| <b>Material of Lens</b>                | Plastic                                   |
| <b>Protection Class</b>                | Protection class I/protective grounding   |
| <b>Rated Input</b>                     | 33 W                                      |
| <b>Rated Power Consumption Standby</b> | 0.5 W                                     |
| <b>Rated Input Voltage Frequency</b>   | 220-240 V/AC 50 / 60 Hz                   |
| <b>Power Supply Unit incl.</b>         | Yes                                       |
| <b>Connection Type</b>                 | Adapter                                   |
| <b>Dimmable</b>                        | Yes                                       |
| <b>Control</b>                         | Leading-edge dimmer, Trailing-edge dimmer |
| <b>Motion Detector</b>                 | No                                        |

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| <b>Light Source</b>                     | LED, Light source not changeable |
| <b>Lightcolor</b>                       | Neutral white                    |
| <b>Color Temperature</b>                | 4000 K                           |
| <b>Colour Consistency</b>               | 6 SDCM                           |
| <b>Colour Rendering Index (Ra)</b>      | 90                               |
| <b>Rated Luminous Flux</b>              | 2860 lm                          |
| <b>Luminous Efficiency</b>              | 86.7 lm/W                        |
| <b>Rated Angle of Reflection</b>        | 33 Degree                        |
| <b>Light Distribution</b>               | Symmetric                        |
| <b>Distribution Characteristic 120°</b> | DLS                              |

|                              |            |
|------------------------------|------------|
| <b>Swivel Angle</b>          | 180 Degree |
| <b>Light Exit Surfaces</b>   | 1          |
| <b>Light characteristics</b> | Direct     |
| <b>Light direction</b>       | Below      |

|               |        |
|---------------|--------|
| <b>Length</b> | 135 mm |
| <b>Width</b>  | 138 mm |
| <b>Height</b> | 188 mm |

|                              |                   |
|------------------------------|-------------------|
| <b>Diameter</b>              | 86 mm             |
| <b>Product weight</b>        | 1140 g            |
| <b>Working Temperature</b>   | -5 to 40 °C       |
| <b>Storage Temperature</b>   | -20 to 50 °C      |
| <b>IP Protection Class</b>   | IP 20             |
| <b>Life Time L70 / B50</b>   | 20000 h           |
| <b>Switching Cycles</b>      | 15000             |
| <b>Power Consumption EEI</b> | 33 kWh/1000h<br>G |



- Special features
- can be rotated and swivelled
  - large tilt angle

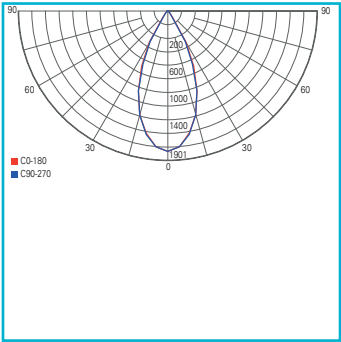
|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Housing Material                | Aluminium                                 |
| Housing Color                   | Silver                                    |
| Material of Lens                | Plastic                                   |
| Protection Class                | Protection class I/protective grounding   |
| Rated Input                     | 33 W                                      |
| Rated Power Consumption Standby | 0.5 W                                     |
| Rated Input Voltage Frequency   | 220-240 V/AC 50 / 60 Hz                   |
| Power Supply Unit incl.         | Yes                                       |
| Connection Type                 | Adapter                                   |
| Dimmable                        | Yes                                       |
| Control                         | Leading-edge dimmer, Trailing-edge dimmer |
| Motion Detector                 | No                                        |

|                                  |                                  |
|----------------------------------|----------------------------------|
| Light Source                     | LED, Light source not changeable |
| Lightcolor                       | Warm white (WW)                  |
| Color Temperature                | 3000 K                           |
| Colour Consistency               | 6 SDCM                           |
| Colour Rendering Index (Ra)      | 90                               |
| Rated Luminous Flux              | 2470 lm                          |
| Luminous Efficiency              | 74.8 lm/W                        |
| Rated Angle of Reflection        | 33 Degree                        |
| Light Distribution               | Symmetric                        |
| Distribution Characteristic 120° | DLS                              |

|                       |            |
|-----------------------|------------|
| Swivel Angle          | 180 Degree |
| Light Exit Surfaces   | 1          |
| Light characteristics | Direct     |
| Light direction       | Below      |

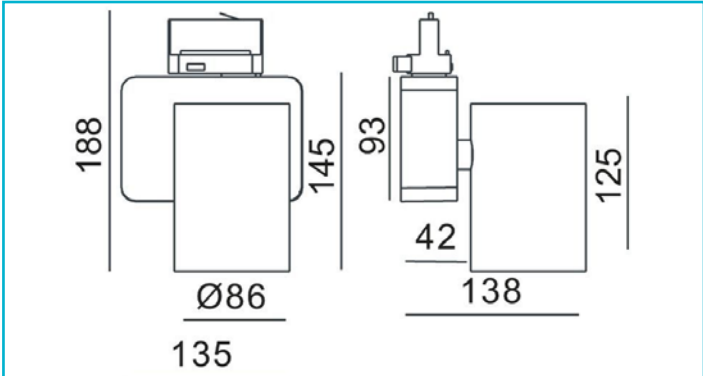
|        |        |
|--------|--------|
| Length | 135 mm |
| Width  | 138 mm |
| Height | 188 mm |

|                       |                   |
|-----------------------|-------------------|
| Diameter              | 86 mm             |
| Product weight        | 1128 g            |
| Working Temperature   | -5 to 40 °C       |
| Storage Temperature   | -20 to 50 °C      |
| IP Protection Class   | IP 20             |
| Life Time L70 / B50   | 20000 h           |
| Switching Cycles      | 15000             |
| Power Consumption EEI | 33 kWh/1000h<br>G |



Art. no. 707057

Three-phase spotlight Nihal, 33 W, DIM, 4,000 K, silver



- Special features
- can be rotated and swivelled
  - large tilt angle

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Housing Material                | Aluminium                                 |
| Housing Color                   | Silver                                    |
| Material of Lens                | Plastic                                   |
| Protection Class                | Protection class I/protective grounding   |
| Rated Input                     | 35 W                                      |
| Rated Power Consumption Standby | 0.5 W                                     |
| Rated Input Voltage Frequency   | 220-240 V/AC 50 / 60 Hz                   |
| Power Supply Unit incl.         | Yes                                       |
| Connection Type                 | Adapter                                   |
| Dimmable                        | Yes                                       |
| Control                         | Leading-edge dimmer, Trailing-edge dimmer |
| Motion Detector                 | No                                        |

|                                  |                                  |
|----------------------------------|----------------------------------|
| Light Source                     | LED, Light source not changeable |
| Lightcolor                       | Neutral white                    |
| Color Temperature                | 4000 K                           |
| Colour Consistency               | 6 SDCM                           |
| Colour Rendering Index (Ra)      | 90                               |
| Rated Luminous Flux              | 2860 lm                          |
| Luminous Efficiency              | 81.7 lm/W                        |
| Rated Angle of Reflection        | 33 Degree                        |
| Light Distribution               | Symmetric                        |
| Distribution Characteristic 120° | DLS                              |

|                       |            |
|-----------------------|------------|
| Swivel Angle          | 180 Degree |
| Light Exit Surfaces   | 1          |
| Light characteristics | Direct     |
| Light direction       | Below      |

|        |        |
|--------|--------|
| Length | 135 mm |
| Width  | 138 mm |
| Height | 188 mm |

|                       |                   |
|-----------------------|-------------------|
| Diameter              | 86 mm             |
| Product weight        | 1128 g            |
| Working Temperature   | -5 to 40 °C       |
| Storage Temperature   | -20 to 50 °C      |
| IP Protection Class   | IP 20             |
| Life Time L70 / B50   | 20000 h           |
| Switching Cycles      | 15000             |
| Power Consumption EEI | 33 kWh/1000h<br>G |