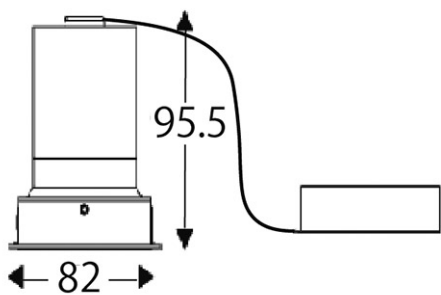




### Certificates & Standards

RoHs

### Dimension and Materials



### Photometric Chart

|                              |                                          |
|------------------------------|------------------------------------------|
| Ref. No.                     |                                          |
| Type of Luminaire            | Downlight                                |
|                              | Glareless + Adjustable DL                |
|                              | Glareless Family (Adjustable Glaress DL) |
| Set Model No.                | <b>NNP23290K031</b>                      |
| Type of Light Source         | LED                                      |
| Power Input                  | 9W                                       |
| System Lumen Output          | 490 lm                                   |
| System Efficacy              | 54 lm/W                                  |
| Power Voltage                | 220-240V                                 |
| Power Factor                 | 0.9                                      |
| Lifetime                     | 40000H(L70)                              |
| CCT                          | 2700K                                    |
| CRI                          | 90                                       |
| SDCM                         |                                          |
| Input Frequency              | 50/60Hz                                  |
| Dimming                      | Dimmable                                 |
| Dimming Range                | 10-100%                                  |
| UGR                          |                                          |
| Glare Cut Angle              | 90deg.                                   |
| Beam Angle                   | 15deg.                                   |
| Rotation Angle               |                                          |
| Tilt Angle                   |                                          |
| IP code                      | 20                                       |
| IK code                      |                                          |
| Ambient Temperature Range    | -20° - 40°C                              |
| Surge Protection             |                                          |
| Classification of Luminaires |                                          |
| THDi                         |                                          |
| Effective Projected Area     |                                          |
| Driver                       | Integrated                               |
| Cut Out Size                 | 82mm                                     |
| Dimensions                   | 82mm*104mm                               |
| Weight                       |                                          |
| Body                         | ADC                                      |
| Reflector                    |                                          |
| Diffuser                     | Polycarbonate                            |
| Trim                         |                                          |
| Casing                       |                                          |
| Country of Origin            | China                                    |
| Brand                        | Panasonic                                |
| Remarks                      |                                          |

Spec and certification may change without notice.

Others