# ZANEEN®

## CRASH SUSPENSION

## D131065-_____
base number

*1.To build a product code in our configurator select the specify button on the base model # product page*
*2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #*

### GENERAL
Series: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant

### PHYSICAL
Shape: Abstract
Length (mm): 1000
Length (in): 39 ³/₈
Width (mm): 1000
Width (in): 39 ³/₈
Max. Overall Height (mm): 2000
Max. Overall Height (in): 78 ³/₄
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB
Fixture Material: Metal
Cable Details: 4 Steel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm / 78 3/4"

### ELECTRICAL
Lamp Type: LED Retrofit
Input Wattage (W): 21
Total Output Wattage (W): 20
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 250
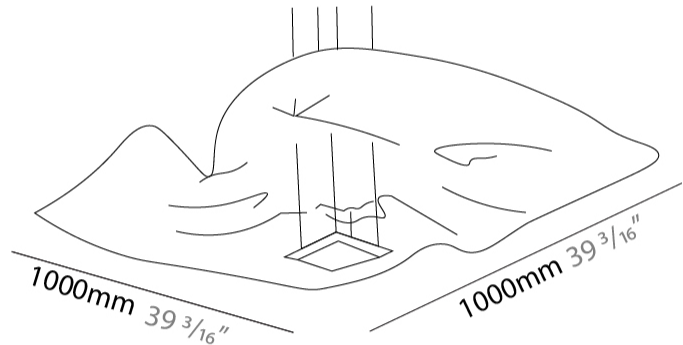Upon Request: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac

### LED
Number of LEDs: 2
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 2200
CRI: >85 CRI
Lamp Life (hrs): 50000

### OPTICAL

### RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP20

1000mm 39 ³/₁₆"   1000mm 39 ³/₁₆"

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October 21, 2024, 7:21 am

# ZANEEN®

## **CRASH** SUSPENSION

D131065-

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October 21, 2024, 7:21 am

# ZANEEN®

## CRASH SUSPENSION

## D131425-_____
base number

*1.To build a product code in our configurator select the specify button on the base model # product page*
*2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #*

**GENERAL**

Series: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant

**PHYSICAL**

Shape: Abstract
Length (mm): 500
Length (in): 19 $\frac{11}{16}$
Width (mm): 500
Width (in): 19 $\frac{11}{16}$
Extension (mm): 2000
Extension (in): 78 $\frac{3}{4}$
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB
Fixture Material: Metal
Cable Details: 4 Steel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm / 78 3/4"

**ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 10.5
Total Output Wattage (W): 10
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 250
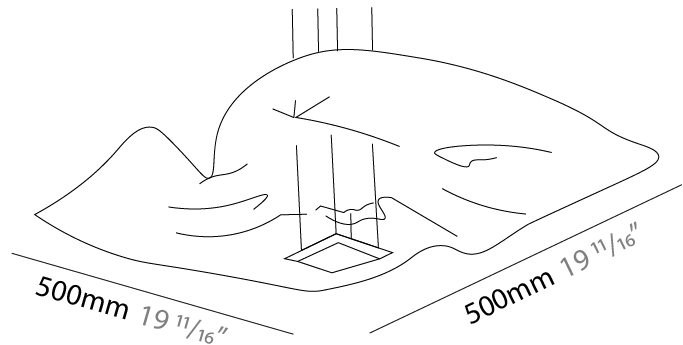Upon Request: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac

**LED**

Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1100
CRI: >85 CRI
Lamp Life (hrs): 50000

**OPTICAL**

**RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards
IP rating: IP20





500mm 19 $\frac{11}{16}$"    500mm 19 $\frac{11}{16}$"

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# ZANEEN®

## CRASH SUSPENSION

D131425-

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# ZANEEN®

## CRASH SUSPENSION

### D131439-_____
base number

*1.To build a product code in our configurator select the specify button on the base model # product page*
*2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #*

### GENERAL

Series: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant

### PHYSICAL

Shape: Abstract
Length (mm): 1000
Length (in): 39 $\frac{3}{8}$
Width (mm): 750
Width (in): 29 $\frac{1}{2}$
Max. Overall Height (mm): 2000
Max. Overall Height (in): 78 $\frac{3}{4}$
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB
Fixture Material: Metal
Cable Details: 4 Steel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm / 78 3/4"

### ELECTRICAL

Lamp Type: LED
Input Wattage (W): 10.5
Total Output Wattage (W): 10
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 250
Upon Request: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac

### LED

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 2200
CRI: >85 CRI
Lamp Life (hrs): 50000

### OPTICAL

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
IP rating: IP20





750mm 29 ½"    1000mm 39 3/16"

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## CRASH SUSPENSION

D131439-

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October 21, 2024, 7:21 am

# ZANEEN®

## CRASH SUSPENSION

## D131557-_____
base number

*1.To build a product code in our configurator select the specify button on the base model # product page*
*2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #*

**GENERAL**

Series: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant

**PHYSICAL**

Shape: Abstract
Length (mm): 1300
Length (in): 51 $\frac{3}{16}$
Width (mm): 400
Width (in): 15 $\frac{3}{4}$
Height (mm): 250
Height (in): 9 $\frac{13}{16}$
Max. Overall Height (mm): 2250
Max. Overall Height (in): 88 $\frac{9}{16}$
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB
Fixture Material: Metal
Cable Details: 4 Steel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm / 78 3/4"

**ELECTRICAL**

Lamp Type: LED
Total Output Wattage (W): 20
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Non-dimming 277Vac
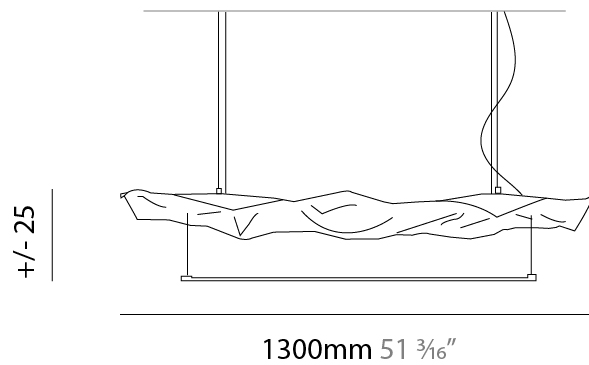
**LED**

Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 3000
CRI: >85 CRI
Lamp Life (hrs): 50000

**OPTICAL**

**RATINGS AND CERTIFICATIONS**

Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20

+/- 25

**1300mm** 51 $\frac{3}{16}$"

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October 21, 2024, 7:21 am

# ZANEEN®

**CRASH** SUSPENSION

D131557-

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October 21, 2024, 7:21 am

# ZANEEN®
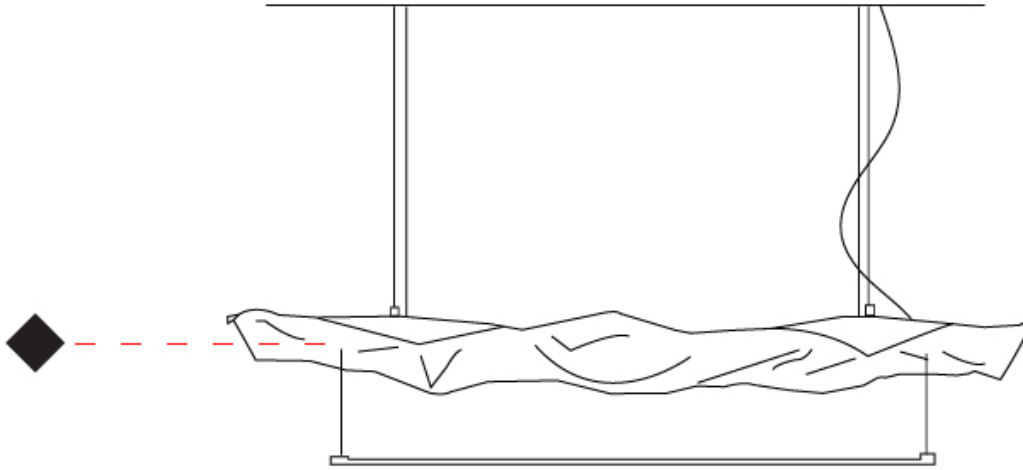
## CRASH SURFACE

## D132044-_____

base number

*1.To build a product code in our configurator select the specify button on the base model # product page*
*2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #*

**GENERAL**

Series: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Ambient

**PHYSICAL**

Shape: Abstract
Length (mm): 1000
Length (in): 39 $\frac{3}{8}$
Width (mm): 400
Width (in): 15 $\frac{3}{4}$
Height (mm): 240
Height (in): 9 $\frac{7}{16}$
Extension (mm): 250
Extension (in): 9 $\frac{13}{16}$
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB
Fixture Material: Metal

**ELECTRICAL**

Lamp Type: LED
Input Wattage (W): 10.5
Total Output Wattage (W): 10
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 250
Upon Request: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac

**LED**

Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 2200
CRI: >85 CRI
Lamp Life (hrs): 50000

**OPTICAL**

**RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards
IP rating: IP20

40cm (15 3/4")

100cm (39 3/8")

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October 21, 2024, 7:21 am

# ZANEEN®

## CRASH SURFACE

## D132109-_____

base number

*1.To build a product code in our configurator select the specify button on the base model # product page*
*2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #*

**GENERAL**

Series: Crash

Brand: Knikerboker

Division: Design

Mounting Type: Surface

Mounting Location: Ceiling

Subcategory: Pendant

**PHYSICAL**

Shape: Abstract

Length (mm): 200

Length (in): 7 $\frac{7}{8}$

Width (mm): 200

Width (in): 7 $\frac{7}{8}$

Height (mm): 250

Height (in): 9 $\frac{13}{16}$

Light Distribution: Indirect

Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB

Fixture Material: Metal

**ELECTRICAL**

Lamp Type: LED

Input Wattage (W): 10.5

Total Output Wattage (W): 10

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 250

Upon Request: 0-10Vdc Dimming / Phase dimming @120Vac only / Non-dimming 120/277Vac
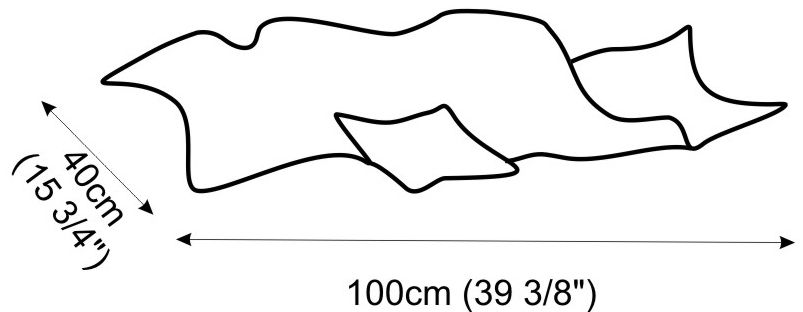
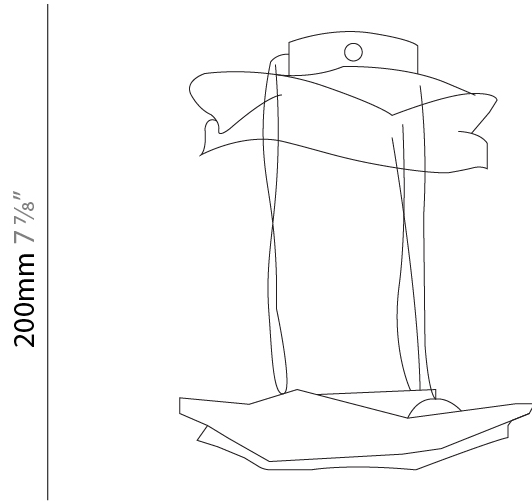**LED**

Number of LEDs: 1

Color Temperature (°K): 3000

Max. Delivered Lumen (lm): 1100

CRI: >85 CRI

Lamp Life (hrs): 50000

**OPTICAL**

**RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20

200mm 7 $\frac{7}{8}$"

200mm 7 $\frac{7}{8}$"

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# ZANEEN®

## CRASH SURFACE

D132109-

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# ZANEEN®

## CRASH
### COLOR FINISH CHART

**Fixture Finish**

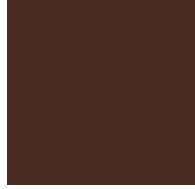| | | |
|---|---|---|
| Embossed White - EWH | Embossed Black - EBK | Metallic Anthracite - MAN |
| Coffee - COF | Purple Red - PRD | Silver Leaf - SLF |
| Gold Leaf - GLF | Copper Leaf - CLF | Bronze Leaf - BRL |
| Metallic Anthracite / Silver Leaf - MAS | Metallic Anthracite / Gold Leaf - MAD | Metallic Anthracite / Copper Leaf - MAC |
| Metallic Anthracite / Bronze Leaf - MAB | Coffee / Silver Leaf - COS | Coffee / Gold Leaf - CGO |
| Coffee / Copper Leaf - CCL | Coffee / Bronze Leaf - CBL | Purple Red / Silver Leaf - PRS |
| Purple Red / Gold Leaf - PRG | Purple Red / Copper Leaf - PRC | Purple Red / Bronze Leaf - PRB |
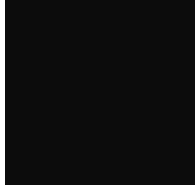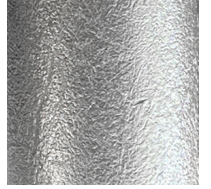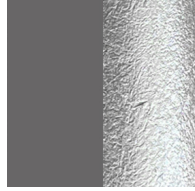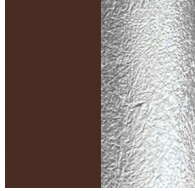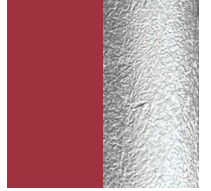
**Digital:** Not all screens are calibrated the same, and therefore, colors will appear differently between screens.
**Physical:** When texture is involved, there will be variations in color, character and tone within a product series and between product families.

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October 21, 2024, 7:21 am

# ZANEEN®

**CRASH**

| PROJECT | |
|---|---|
| TYPE | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |

## LEGEND

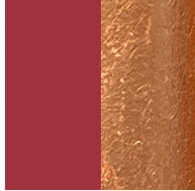| Symbol | Description | Symbol | Description | Symbol | Description |
|---|---|---|---|---|---|
| ↓ | floor-mounted | ◿ | pivotable | ✳ | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| ↗ | wall and ceiling: recessed and surface mounted | ↺ | rotating | ⟳ | warm dim / natural dimming LED |
| ↑ | ceiling-mounted and wall-mounted | ⊄ | illuminate tilted | ⚡ | rechargeable battery powered |
| → | wall-mounted | ⊥ | color of suspension cable | ▥ | fixture with natural vivid LED (upon request) |
| ⊻ | omni-directional light distribution | ↕ | length of suspension cable | CRI | color rendering index |
| ▲ | direct light distribution | ⌂ | reflector degree selection | °K | color temperature |
| ◪ | direct/indirect light distribution | S S | super spot | LM | lumen (luminous flux) |
| ▼ | indirect light distribution | ⊼ | lens | LM/W | efficacy (lumens per watt) |
| ◩ | asymmetric light distribution | ⊛ | lens pack | UGR | Unified Glare Rating (UGR) range from 5-40 |
| ◩ | aura light distribution | ◡ | shine ring | ⚓ 316 | marine grade (AISI 316 stainless steel) |
| ⬯ | round wall or ceiling cut-out | ⊙ | integrated shine ring with diffuser | 🚶 | walk on |
| ⬓ | square wall or ceiling cut-out | ▮ | free individual colors 01-29 | 🚗 | drive on |
| ⬓ | the supplied jig specifies the cutout dimensions | C | individual colors: 00 (free of charge), 01-25 (extra charge) | DSC | Dark Sky Compliance |
| ⊶M | minimum distance (meters) lamp - object | ◆ | luminaire part to be colored (F1) | ♿ | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| ⊥ | recessed depth | ▲ | luminaire part to be colored (F2) | 💥 | lamp protected against explosion |
| ⭥ | ceiling thickness in mm | ● | luminaire part to be colored (F3) | | blown glass using traditional methods by master glass blower |
| ⬆ | ceiling thickness selection | ■ | luminaire part to be colored (F4) | ◀)) | acoustic material |
| ▤ | dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | ⬠ | luminaire part to be colored (F5) | ⏚ | protection class I, protection insulation |
| ▤ | included or excluded LED driver/transformer/control gear | ▪ | color of 3-circuit adaptor | ▢ | protection class II, protection insulation |
| ⚮ | separately switchable | ⊙ | indirect diffuser | ETL | ETL Certified to UL and CSA Standards |
| 📡 | sensor | D | direct diffuser | UL | UL Certified to UL and CSA Standards |
| 📱 | remote control | ⚽ | ball-proof (upon request) | CSA | CSA Certified to UL and CSA Standards |
| ☎ | available upon request | 📎 | accessory | Z | Certified for North American Standards |

## IP RATING

| | |
|---|---|
| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger) |
| IP33 | protected against ingress of solid bodies greater than 2.5mm / protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire) / no protection against the ingress of moisture |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire) / protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire) / protected against water splashed from all directions |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas) / protected against water splashed from all directions |
| IP65 | protected against ingress of dust / protected against jets of water |
| IP66 | protected against ingress of dust / protected against powerful jets of water or heavy seas |
| IP67 | protected against ingress of dust / protected against immersion of water between 15cm - 1m for 30 minutes |
| IP68 | protected against ingress of dust / protected against immersion of water under pressure for long periods |

## IK RATING

| | |
|---|---|
| IK01 | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface) |
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
| IK03 | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface) |
| IK05 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| IK06 | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) |
| IK08 | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| IK09 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) |

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Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

In a constant effort to supply the best product, we reserve the right to change specifications or materials without notice. The most recent specification sheets are found at zaneen.com. — October 21, 2024, 7:21 am