

## HAUL SUSPENSION

### D91208-

base number            Finish             
Options           

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Haul             
Partner: Milan             
Division: Design             
Installation: Suspension             
Product Type: Pendant             
Mounting Location: Ceiling             
Light Distribution: Direct           

#### PHYSICAL

Shape: Cylinder             
Diameter (mm): 55             
Diameter (in): 2 3/16             
Height (mm): 210             
Height (in): 8 1/4             
Max. Overall Height (mm): 2210             
Max. Overall Height (in): 87             
Fixture Finish: MWL / MBQ             
Fixture Material: Extruded Aluminum             
Cable Details: 2900mm Cable           

#### ELECTRICAL

Number of Lamps: 1             
Lamp Type: LED Retrofit             
Max. Wattage Per Lamp (W): 7             
Lamp Base: GU10             
Input Voltage (V): 120           

#### LED

Number of LEDs: 1             
Color Temperature (°K): 3000             
Max. Delivered Lumen (lm): 655             
CRI: >90 CRI           

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



## HAUL SUSPENSION

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PROJECT \_\_\_\_\_

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DATE	_____

## HAUL 1 LIGHT SURFACE

### D92102R9-

base number \_\_\_\_\_  
 Finish Options \_\_\_\_\_

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Haul \_\_\_\_\_  
 Subseries: Haul 1 Light \_\_\_\_\_  
 Partner: Milan \_\_\_\_\_  
 Division: Design \_\_\_\_\_  
 Installation: Surface \_\_\_\_\_  
 Product Type: Downlight \_\_\_\_\_  
 Mounting Location: Ceiling \_\_\_\_\_  
 Light Distribution: Adjustable \_\_\_\_\_

#### PHYSICAL

Aperture Sizes - Downlights: 2" \_\_\_\_\_  
 Shape: Cylinder \_\_\_\_\_  
 Diameter (mm): 55 \_\_\_\_\_  
 Diameter (in): 2 <sup>3</sup>/<sub>16</sub> \_\_\_\_\_  
 Height (mm): 127 \_\_\_\_\_  
 Height (in): 5 \_\_\_\_\_  
 Max. Overall Height (mm): 199 \_\_\_\_\_  
 Max. Overall Height (in): 7 <sup>13</sup>/<sub>16</sub> \_\_\_\_\_  
 Extension (mm): 72 \_\_\_\_\_  
 Extension (in): 2 <sup>13</sup>/<sub>16</sub> \_\_\_\_\_  
 Fixture Finish: [MWL / MBQ](#) \_\_\_\_\_  
 Fixture Material: Extruded Aluminum \_\_\_\_\_

#### ELECTRICAL

Lamp Type: LED \_\_\_\_\_  
 Input Wattage (W): 5 \_\_\_\_\_  
 Dimming: Electronic Low Voltage Dimming \_\_\_\_\_  
 Input Voltage (V): 120Vac Direct Line \_\_\_\_\_

#### LED

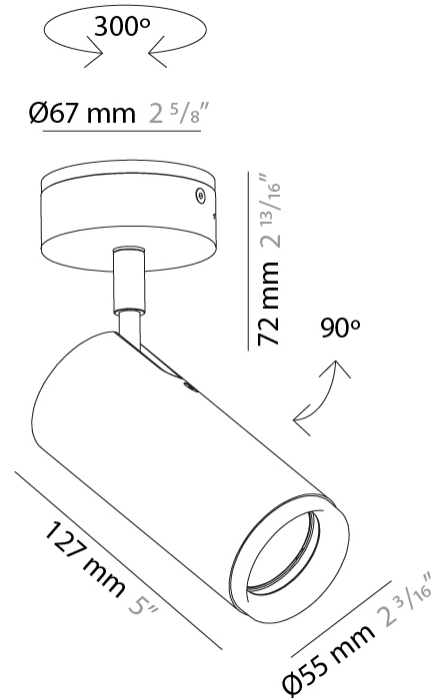
Number of LEDs: 1 \_\_\_\_\_  
 Color Temperature (°K): 3000 \_\_\_\_\_  
 Max. Delivered Lumen (lm): 500 \_\_\_\_\_  
 CRI: >90 CRI \_\_\_\_\_  
 Lamp Life (hrs): 50000 \_\_\_\_\_

#### OPTICAL

Beam Angle: 35 \_\_\_\_\_  
 Adjustability: Rotational 300°; Tilt 90° \_\_\_\_\_

#### RATINGS AND CERTIFICATIONS

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



## HAUL 1 LIGHT SURFACE

D92102R9-

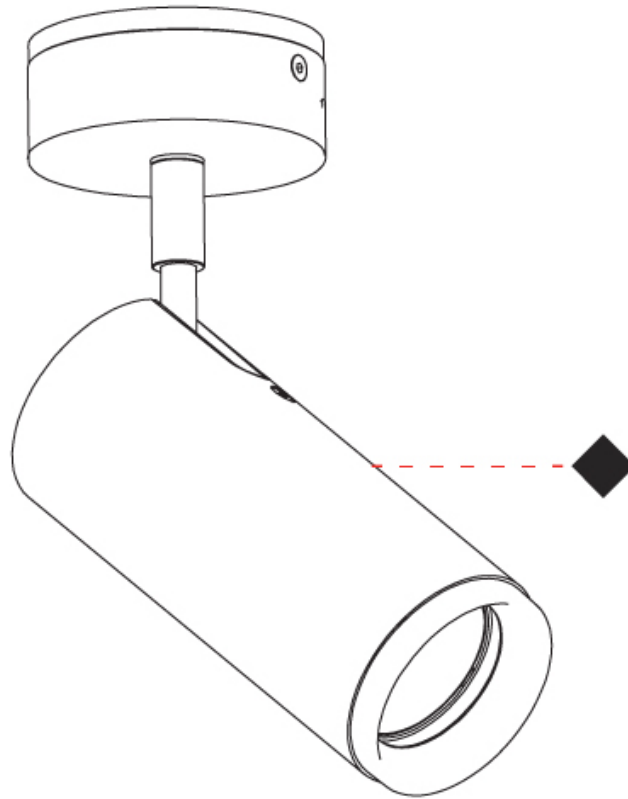
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## HAUL - CEILING SURFACE

### D92249-

base number            Finish             
Options           

- To build a product code in our configurator select the specify button on the base model # product page
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#### GENERAL

Series: Haul             
 Subseries: Haul - Ceiling             
 Partner: Milan             
 Division: Design             
 Installation: Surface             
 Product Type: Downlight             
 Mounting Location: Ceiling             
 Light Distribution: Direct           

#### PHYSICAL

Aperture Sizes - Downlights: 2"             
 Shape: Cylinder             
 Diameter (mm): 55             
 Diameter (in): 2 <sup>3</sup>/<sub>16</sub>             
 Height (mm): 93             
 Height (in): 3 <sup>11</sup>/<sub>16</sub>             
 Fixture Finish: MWL / MBQ             
 Fixture Material: Extruded Aluminum           

#### ELECTRICAL

Lamp Type: LED             
 Input Wattage (W): 7             
 Dimming: Electronic Low Voltage Dimming             
 Input Voltage (V): 120Vac Direct Line           

#### LED

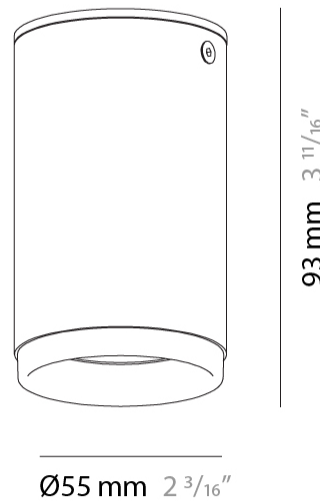
Number of LEDs: 1             
 Color Temperature (°K): 3000             
 Max. Delivered Lumen (lm): 655             
 CRI: >90 CRI             
 Lamp Life (hrs): 50000           

#### OPTICAL

Beam Angle: 35           

#### RATINGS AND CERTIFICATIONS

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



## HAUL - CEILING SURFACE

D92249-

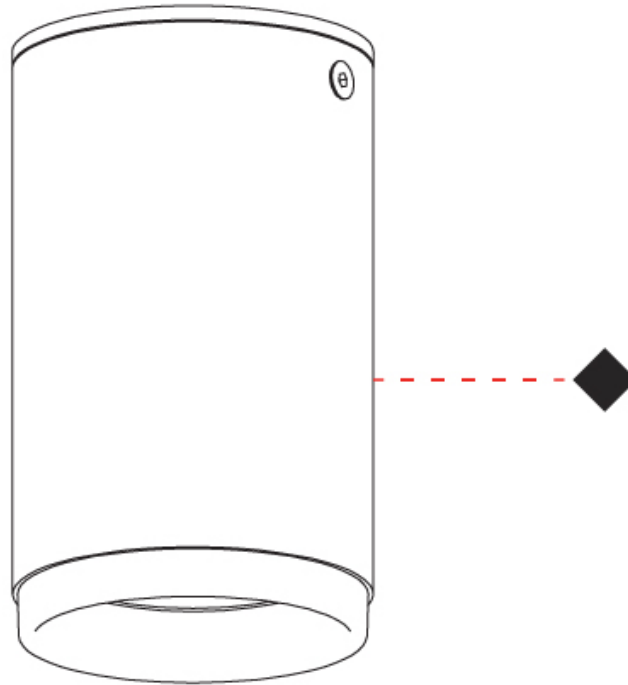
PROJECT

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## HAUL - CEILING SURFACE

### D92250-

base number                      Finish                       
Options                     

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Haul                       
 Subseries: Haul - Ceiling                       
 Partner: Milan                       
 Division: Design                       
 Installation: Surface                       
 Product Type: Downlight                       
 Mounting Location: Ceiling                       
 Light Distribution: Direct                     

#### PHYSICAL

Aperture Sizes - Downlights: 2"                       
 Shape: Cylinder                       
 Diameter (mm): 55                       
 Diameter (in): 2 <sup>3</sup>/<sub>16</sub>                       
 Height (mm): 210                       
 Height (in): 8 <sup>1</sup>/<sub>4</sub>                       
 Fixture Finish: MWL / MBQ                       
 Fixture Material: Extruded Aluminum                     

#### ELECTRICAL

Lamp Type: LED                       
 Input Wattage (W): 7                       
 Dimming: Electronic Low Voltage Dimming                       
 Input Voltage (V): 120Vac Direct Line                     

#### LED

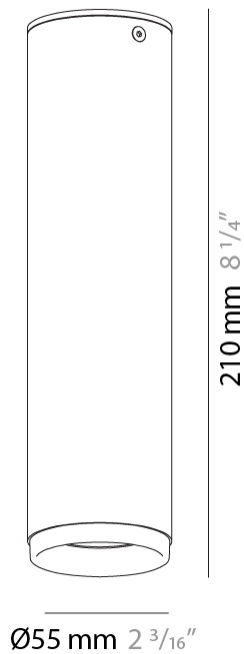
Number of LEDs: 1                       
 Color Temperature (°K): 3000                       
 Max. Delivered Lumen (lm): 655                       
 CRI: >90 CRI                       
 Lamp Life (hrs): 50000                     

#### OPTICAL

Beam Angle: 35                     

#### RATINGS AND CERTIFICATIONS

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



## HAUL - CEILING SURFACE

D92250-

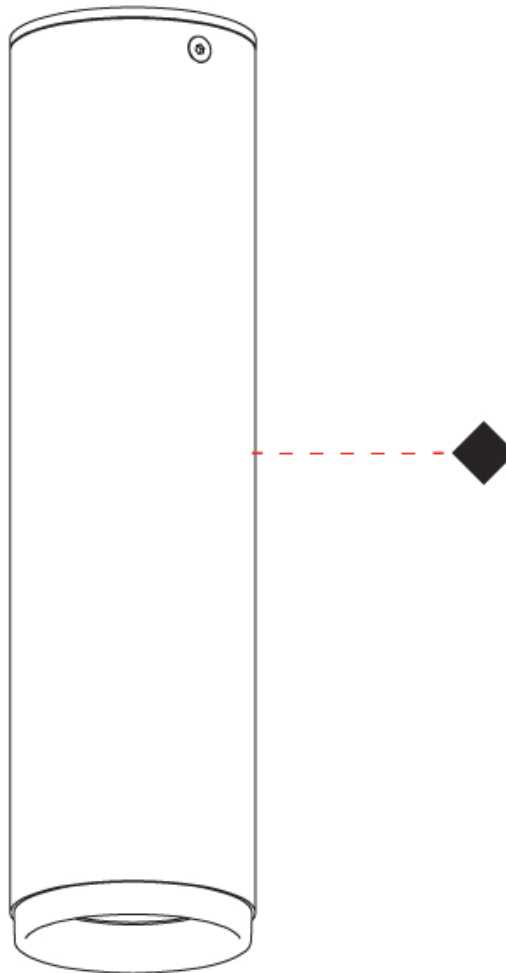
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## HAUL TRACK

### D96071-

base number            Finish             
Options           

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Haul             
 Partner: Milan             
 Division: Design             
 Installation: Track             
 Product Type: Track System Line Voltage             
 Mounting Location: Ceiling             
 Light Distribution: Direct           

#### PHYSICAL

Aperture Sizes - Downlights: 1"             
 Shape: Cylinder             
 Diameter (mm): 55             
 Diameter (in): 2 <sup>3</sup>/<sub>16</sub>             
 Height (mm): 203             
 Height (in): 8             
 Max. Overall Height (mm): 1300             
 Max. Overall Height (in): 51 <sup>7</sup>/<sub>16</sub>             
 Fixture Finish: MWL / MBQ             
 Fixture Material: Extruded Aluminum           

#### ELECTRICAL

Lamp Type: LED             
 Input Wattage (W): 7             
 Dimming: Electronic Low Voltage Dimming             
 Input Voltage (V): 120Vac Direct Line           

#### LED

Number of LEDs: 1             
 Color Temperature (°K): 3000             
 Max. Delivered Lumen (lm): 665             
 CRI: >90 CRI             
 Lamp Life (hrs): 50000           

#### OPTICAL

Reflector°: 35             
 Beam Angle: 35           

#### RATINGS AND CERTIFICATIONS

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



## HAUL TRACK

D96071-

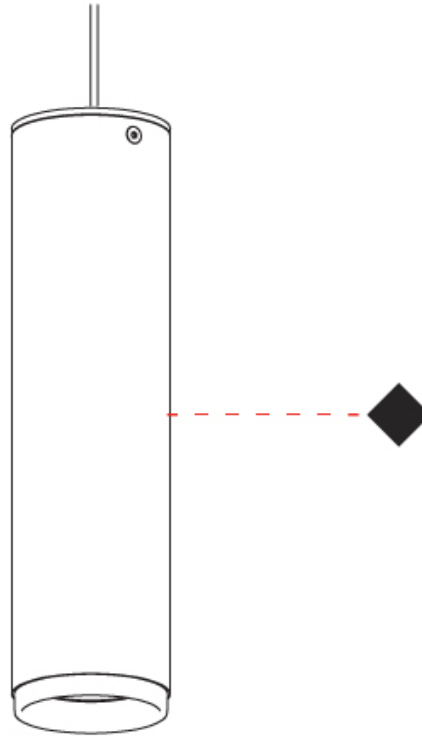
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## HAUL TRACK

### D96073-

base number Finish  
Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Haul  
 Partner: Milan  
 Division: Design  
 Installation: Track  
 Product Type: Track System Line Voltage  
 Mounting Location: Ceiling  
 Light Distribution: Adjustable

#### PHYSICAL

Aperture Sizes - Downlights: 2"  
 Shape: Cylinder  
 Diameter (mm): 55  
 Diameter (in): 2 <sup>3</sup>/<sub>16</sub>  
 Height (mm): 203  
 Height (in): 8  
 Max. Overall Height (mm): 1300  
 Max. Overall Height (in): 51 <sup>7</sup>/<sub>16</sub>  
 Fixture Finish: MWL / MBQ  
 Fixture Material: Extruded Aluminum

#### ELECTRICAL

Lamp Type: LED  
 Input Wattage (W): 7  
 Dimming: Electronic Low Voltage Dimming  
 Input Voltage (V): 120Vac Direct Line

#### LED

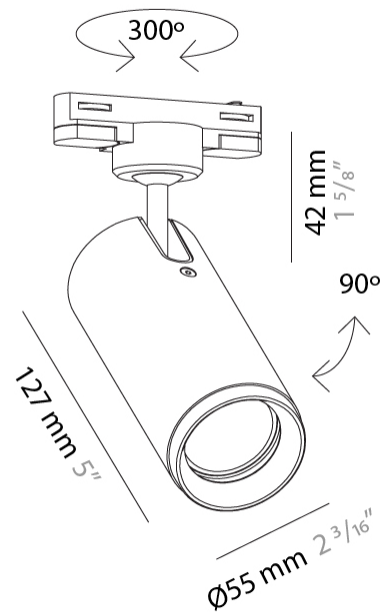
Number of LEDs: 1  
 Color Temperature (°K): 3000  
 Max. Delivered Lumen (lm): 665  
 CRI: >90 CRI  
 Lamp Life (hrs): 50000

#### OPTICAL

Reflector°: 35  
 Beam Angle: 35

#### RATINGS AND CERTIFICATIONS

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



## HAUL TRACK

D96073-

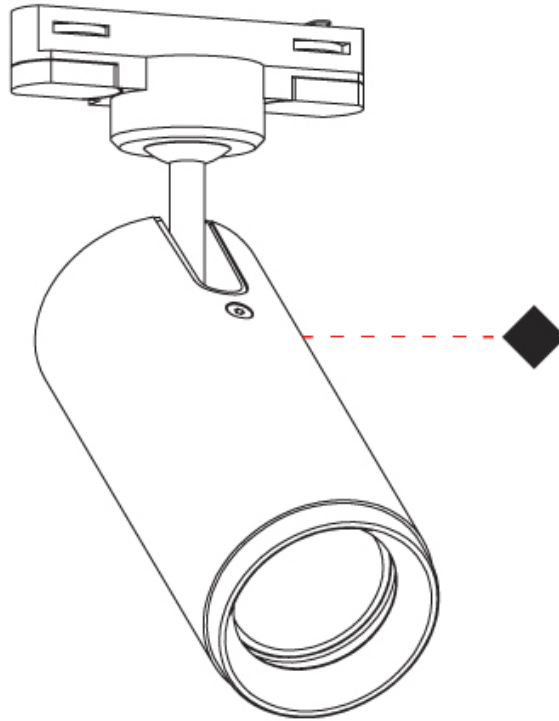
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## HAUL COLOR FINISH CHART

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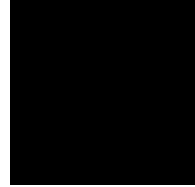
DATE

### Fixture Finish

Matte White Lacquer - MWL



Matte Black Lacquer - MBQ



**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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### LEGEND

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	color rendering index
direct light distribution	reflector degree selection	color temperature
direct/indirect light distribution	super spot	lumen (luminous flux)
indirect light distribution	lens	efficacy (lumens per watt)
asymmetric light distribution	lens pack	Unified Glare Rating (UGR) range from 5-40
aura light distribution	shine ring	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	individual colors: 00 (free of charge), 01-25 (extra charge)	Dark Sky Compliance
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 Certified to UL and CSA Standards
sensor	direct diffuser	UL Certified to UL and CSA Standards
remote control	ball-proof (upon request)	CSA Certified to UL and CSA Standards
available upon request	accessory	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)