

#### D91193-

base number

Finish Options

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: Half	
Subseries: Half 1	
Brand: Milan	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Subcategory: Pendant  PHYSICAL  Shape: Sphere  Diameter (mm): 160  Diameter (in): 6 $\frac{5}{1_{16}}$ Height (mm): 160  Height (in): 6 $\frac{5}{1_{16}}$ Max. Overall Height (mm): 1660  Max. Overall Height (in): 65 $\frac{3}{8}$ Light Distribution: Omnidirectional  Diffuser: Satin Opal Acid-Etched Blown Glass  Fixture Finish: MBK / MNK  Fixture Material: Stamped Steel	Modifing Location. Ceiting
Shape: Sphere  Diameter (mm): 160  Diameter (in): 6 $\frac{5}{16}$ Height (mm): 160  Height (in): 6 $\frac{5}{16}$ Max. Overall Height (mm): 1660  Max. Overall Height (in): 65 $\frac{3}{6}$ Light Distribution: Omnidirectional  Diffuser: Satin Opal Acid-Etched Blown Glass  Fixture Finish: MBK / MNK	Subcategory: Pendant
Diameter (mm): 160  Diameter (in): 6 $\frac{5}{16}$ Height (mm): 160  Height (in): 6 $\frac{5}{16}$ Max. Overall Height (mm): 1660  Max. Overall Height (in): 65 $\frac{3}{6}$ Light Distribution: Omnidirectional  Diffuser: Satin Opal Acid-Etched Blown Glass  Fixture Finish: MBK / MNK	PHYSICAL
Diameter (in): 6 $\frac{5}{16}$ Height (mm): 160 Height (in): 6 $\frac{5}{16}$ Max. Overall Height (mm): 1660 Max. Overall Height (in): 65 $\frac{3}{6}$ Light Distribution: Omnidirectional Diffuser: Satin Opal Acid-Etched Blown Glass Fixture Finish: MBK / MNK	Shape: Sphere
Height (mm): 160  Height (in): 6 5/16*  Max. Overall Height (mm): 1660  Max. Overall Height (in): 65 3/8  Light Distribution: Omnidirectional  Diffuser: Satin Opal Acid-Etched Blown Glass  Fixture Finish: MBK / MNK	Diameter (mm): 160
Height (in): 6 $\frac{5}{16}$ .  Max. Overall Height (mm): 1660  Max. Overall Height (in): 65 $\frac{3}{8}$ Light Distribution: Omnidirectional  Diffuser: Satin Opal Acid-Etched Blown Glass  Fixture Finish: MBK / MNK	Diameter (in): 6 $\frac{5}{16}$
Max. Overall Height (mm): 1660  Max. Overall Height (in): 65 3/8  Light Distribution: Omnidirectional  Diffuser: Satin Opal Acid-Etched Blown Glass  Fixture Finish: MBK / MNK	Height (mm): 160
Max. Overall Height (in): 65 \(^3\)_8 Light Distribution: Omnidirectional Diffuser: Satin Opal Acid-Etched Blown Glass Fixture Finish: MBK / MNK	Height (in): 6 <sup>5</sup> / <sub>16"</sub>
Light Distribution: Omnidirectional Diffuser: Satin Opal Acid-Etched Blown Glass Fixture Finish: MBK / MNK	Max. Overall Height (mm): 1660
Diffuser: Satin Opal Acid-Etched Blown Glass Fixture Finish: MBK / MNK	Max. Overall Height (in): 65 3/8
Fixture Finish: MBK / MNK	Light Distribution: Omnidirectional
	Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Material: Stamped Steel	Fixture Finish: MBK / MNK
	Fixture Material: Stamped Steel

ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit
Lamp Shape: A15
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 5.5
Lamp Base: E26
Input Voltage (V): 120
Upon Request: 277Vac / GU24

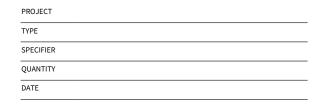
Cable Details: 2000mm Black Electrical Wire and 1500mm Steel Cable

#### LED

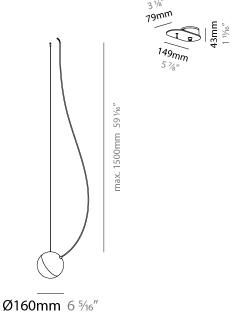
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





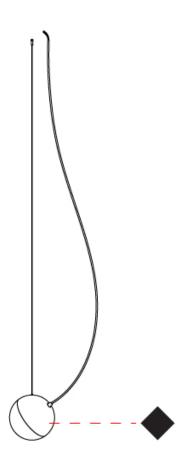






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#### D91194-

base number

Options

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: Half	
Subseries: Half 3	
Brand: Milan	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 600
Diameter (in): 23 ½
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16"</sub>
Max. Overall Height (mm): 1660
Max. Overall Height (in): 65 3/8
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 2000mm Black Electrical Wire and 1500mm Steel Cable

#### ELECTRICAL

ELECTRICAL	
Number of Lamps: 3	
Lamp Type: LED Retrofit	
Lamp Shape: A15	
Bulb Included: Bulb Not Included	
Max. Wattage Per Lamp (W): 5.5	
Lamp Base: E26	
Input Voltage (V): 120	
Upon Request: 277Vac / GU24	

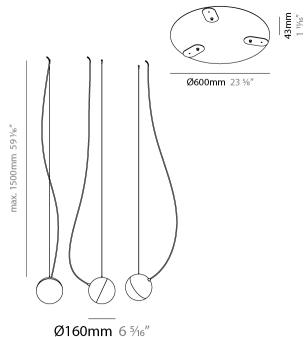
#### LED

#### OPTICAL

# RATINGS AND CERTIFICATIONS Certified By: Certified for North American Standards





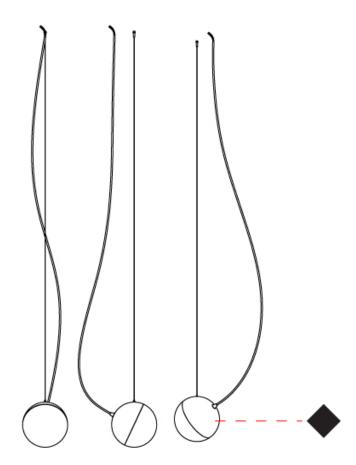






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# **ZANEEN**®

## **HALF 5 SUSPENSION**

#### D91195-

base number

Options

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: Half	
Subseries: Half 5	
Brand: Milan	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 600
Diameter (in): 23 ½
Height (mm): 160
Height (in): 6 <sup>5</sup> / <sub>16"</sub>
Max. Overall Height (mm): 1660
Max. Overall Height (in): 65 $\frac{3}{4}$
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 2000mm Black Electrical Wire and 1500mm Steel Cable

ELECTRICAL
Number of Lamps: 5
Lamp Type: LED Retrofit
Lamp Shape: A15
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 5.5
Lamp Base: E26
Input Voltage (V): 120
Upon Request: 277Vac / GU24

#### LED

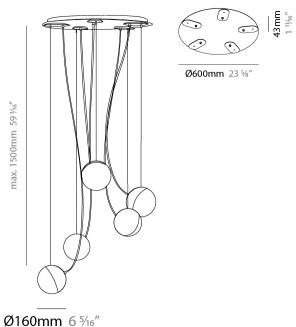
#### OPTICAL

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





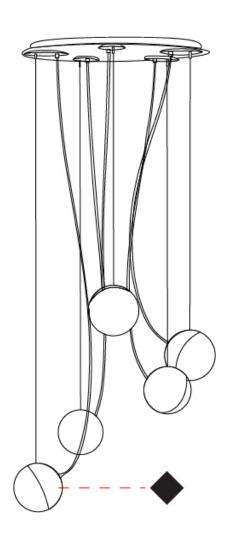






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# **ZANEEN**<sub>®</sub>

## **HALF 1 SUSPENSION**

#### D91196-

base number

Options

 $1. To \ build\ a\ product\ code\ in\ our\ configurator\ select\ the\ specify\ button\ on\ the\ base\ model\ \#\ product\ page$ 

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: Half	
Subseries: Half 1	
Brand: Milan	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 250
Diameter (in): 9 13/16"
Height (mm): 250
Height (in): 9 <sup>13</sup> / <sub>16"</sub>
Max. Overall Height (mm): 1850
Max. Overall Height (in): 72 <sup>13</sup> / <sub>16</sub>
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel

#### ELECTRICAL

ELECTRICAL
Number of Lamps: 1
Lamp Type: LED Retrofit
Lamp Shape: A19
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 9
Lamp Base: E26
Input Voltage (V): 120
Upon Request: 277Vac / GU24

Cable Details: 2000mm Black Electrical Wire and 1600mm Steel Cable

#### LED

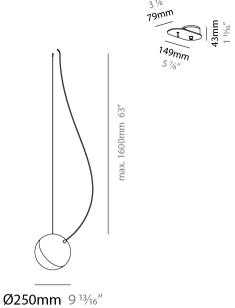
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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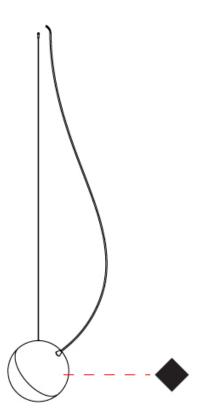






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#### D91197-

base number

Options

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: Half	
Subseries: Half 3	
Brand: Milan	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 750
Diameter (in): 29 ½
Height (mm): 250
Height (in): 9 <sup>13</sup> / <sub>16"</sub>
Max. Overall Height (mm): 1850
Max. Overall Height (in): 72 $^{13}\!\!/_{16}$
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel

ELECTRICAL
Number of Lamps: 3
Lamp Type: LED Retrofit
Lamp Shape: A19
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 9
Lamp Base: E26
Input Voltage (V): 120
Upon Request: 277Vac / GU24

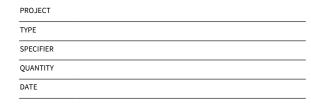
Cable Details: 2000mm Black Electrical Wire and 1600mm Steel Cable

#### LED

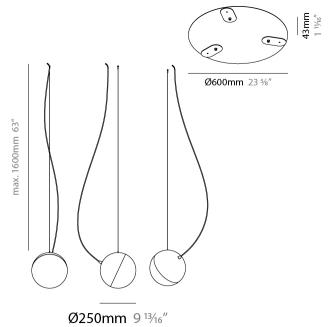
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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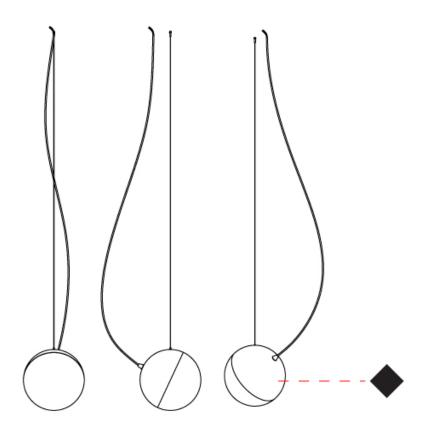
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#### D91198-

base number

Options

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: Half	
Subseries: Half 1	
Brand: Milan	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 350
Diameter (in): 13 ¾,
Height (mm): 350
Height (in): 13 <sup>3</sup> / <sub>4"</sub>
Max. Overall Height (mm): 2050
Max. Overall Height (in): 80 $^{11}\!\!/_{16}$
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 2000mm Black Electrical Wire and 1700mm Steel Cable

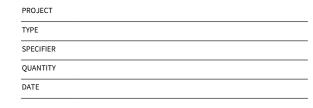
ELECTRICAL	
Number of Lamps: 1	
Lamp Type: LED Retrofit	
Lamp Shape: A19	
Bulb Included: Bulb Not Included	
Max. Wattage Per Lamp (W): 12	
Lamp Base: E26	
Input Voltage (V): 120	
Upon Request: 277Vac / GU24	

#### LED

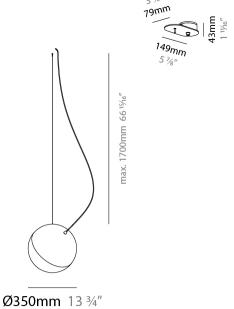
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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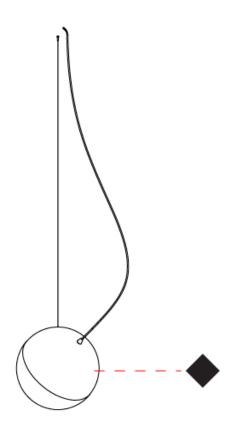






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#### D91199-

base number

Options

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: Half	
Subseries: Half 3	
Brand: Milan	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subsatagon: Bondant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Sphere
Diameter (mm): 1050
Diameter (in): 41 <sup>5</sup> / <sub>16</sub>
Height (mm): 350
Height (in): 13 <sup>3</sup> / <sub>4"</sub>
Max. Overall Height (mm): 2050
Max. Overall Height (in): 80 $^{11}\!\!/_{16}$
Light Distribution: Omnidirectional
Diffuser: Satin Opal Acid-Etched Blown Glass
Fixture Finish: MBK / MNK
Fixture Material: Stamped Steel
Cable Details: 2000mm Black Electrical Wire and 1700mm Steel Cable

ELECTRICAL
Number of Lamps: 3
Lamp Type: LED Retrofit
Lamp Shape: A19
Bulb Included: Bulb Not Included
Max. Wattage Per Lamp (W): 12
Lamp Base: E26
Input Voltage (V): 120
Upon Request: 277Vac / GU24

#### LED

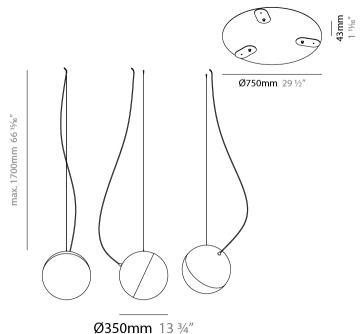
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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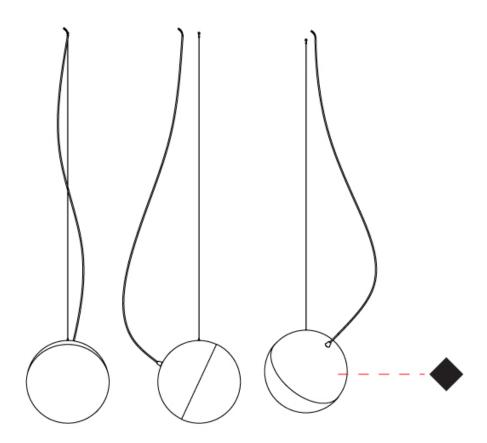






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## **HALF**

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#### **Fixture Finish**





**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.





## **HALF**

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# **LEGEND**

					special LED (upon request) PGB_PGBW_tunable
<u></u>	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
$\dot{\Delta}$	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	<b>3</b>	walk on
Z)	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> ←,→	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm	•	luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>●</b> ®	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
C. CO	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>.</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	շ (Մը) us	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	<b>®</b> :	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	<b>②</b>	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**

100000	288 (400 C) - 26 5 (100 C) - 26 5 (
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	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)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)