

## EXCENTRICA SUSPENSION

### D51020-

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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Suspension  
 Mounting Location: Ceiling  
 Subcategory: Pendant

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 400  
 Diameter (in): 15 3/4  
 Height (mm): 240  
 Height (in): 9 7/16  
 Max. Overall Height (mm): 2240  
 Max. Overall Height (in): 88 3/16  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: WHI / BLK / BRA / PWT  
 Fixture Material: Metal  
 Cable Details: Cable length 2000mm / 79"

#### ELECTRICAL

Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: A19  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 7  
 Lamp Base: E26  
 Input Voltage (V): 120  
 Upon Request: 277Vac / GU24

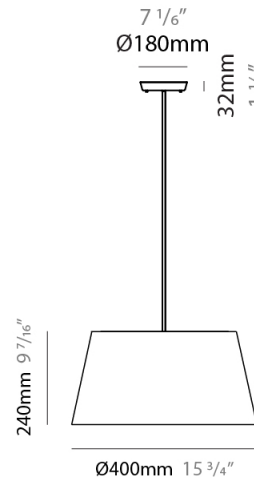
#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



## EXCENTRICA SUSPENSION

D51020-

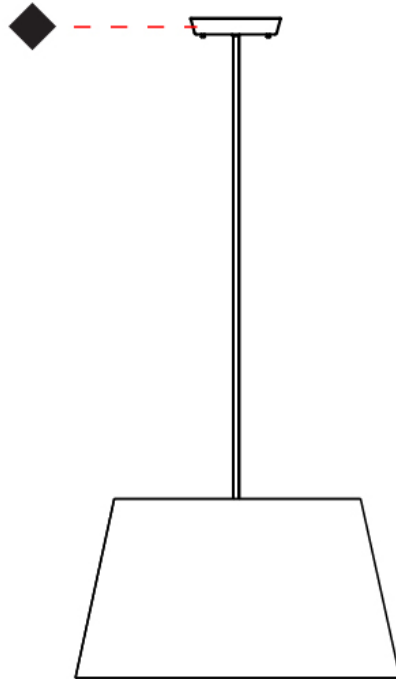
PROJECT

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SPECIFIER

QUANTITY

DATE



## EXCENTRICA SUSPENSION

### D51021-

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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Suspension  
 Mounting Location: Ceiling  
 Subcategory: Ambient

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 650  
 Diameter (in): 25 <sup>9</sup>/<sub>16</sub>  
 Height (mm): 650  
 Height (in): 25 <sup>9</sup>/<sub>16</sub>  
 Max. Overall Height (mm): 2650  
 Max. Overall Height (in): 104 <sup>5</sup>/<sub>16</sub>  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: WHI / BLK / BRA / PWT  
 Fixture Material: Metal  
 Cable Details: Cable length 2000mm / 79"

#### 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

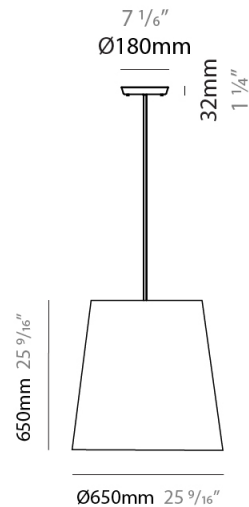
#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



## EXCENTRICA SUSPENSION

D51021-

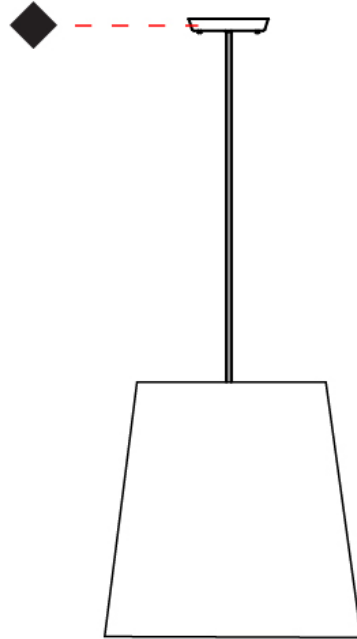
PROJECT

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QUANTITY

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PROJECT	_____
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QUANTITY	_____
DATE	_____

## EXCENTRICA SURFACE

### D53011-

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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Surface  
 Mounting Location: Wall  
 Subcategory: Ambient

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 230  
 Diameter (in): 9 1/16  
 Height (mm): 270  
 Height (in): 10 5/8  
 Extension (mm): 320  
 Extension (in): 12 5/8  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: WHI / BLK / BRA / PWT  
 Fixture Material: Metal

#### ELECTRICAL

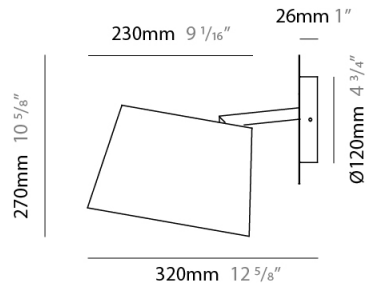
Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: B10  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 4  
 Lamp Base: E12  
 Input Voltage (V): 120

#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



D53011-

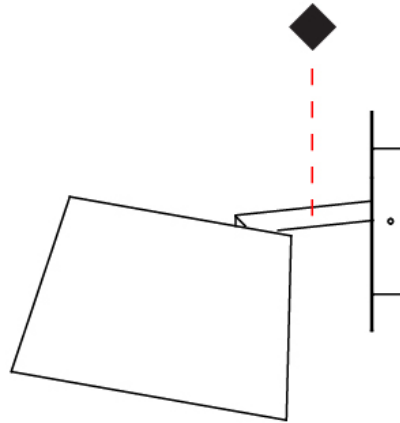
PROJECT

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SPECIFIER

QUANTITY

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## EXCENTRICA PORTABLE

### D54006-

base number            Finish             
Options           

PROJECT	_____
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QUANTITY	_____
DATE	_____

- 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: Excentrica \_\_\_\_\_  
 Brand: Fambuena \_\_\_\_\_  
 Division: Design \_\_\_\_\_  
 Mounting Type: Portable \_\_\_\_\_  
 Mounting Location: Table \_\_\_\_\_  
 Subcategory: Table \_\_\_\_\_

#### PHYSICAL

Shape: Cylinder \_\_\_\_\_  
 Diameter (mm): 380 \_\_\_\_\_  
 Diameter (in): 14 <sup>15</sup>/<sub>16</sub> \_\_\_\_\_  
 Height (mm): 700 \_\_\_\_\_  
 Height (in): 27 <sup>9</sup>/<sub>16</sub> \_\_\_\_\_  
 Light Distribution: Direct \_\_\_\_\_  
 Diffuser: Cotton Shade \_\_\_\_\_  
 Fixture Finish: WHI / BLK \_\_\_\_\_  
 Fixture Material: Metal \_\_\_\_\_  
 Upon Request: Bolt Down \_\_\_\_\_

#### ELECTRICAL

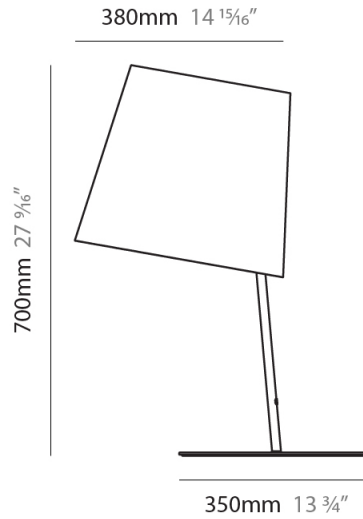
Number of Lamps: 1 \_\_\_\_\_  
 Lamp Type: LED Retrofit \_\_\_\_\_  
 Lamp Shape: A19 \_\_\_\_\_  
 Bulb Included: Bulb Not Included \_\_\_\_\_  
 Max. Wattage Per Lamp (W): 7 \_\_\_\_\_  
 Lamp Base: E26 \_\_\_\_\_  
 Input Voltage (V): 120 \_\_\_\_\_  
 Upon Request: 277Vac / GU24 \_\_\_\_\_

#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



D54006-

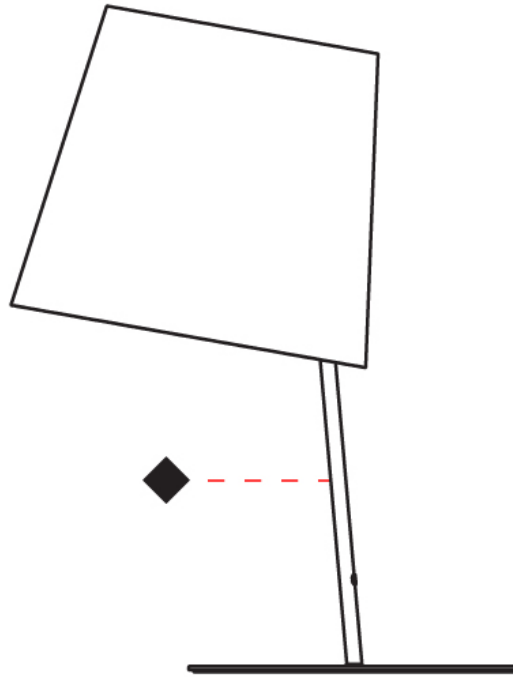
PROJECT

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SPECIFIER

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DATE





## EXCENTRICA PORTABLE

### D54007-

base number            Finish             
Options           

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Table  
 Subcategory: Table

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 230  
 Diameter (in): 9 1/16  
 Height (mm): 440  
 Height (in): 17 5/16  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: WHI / BLK  
 Holder Finish: WHI / BLK  
 Fixture Material: Metal  
 Upon Request: Bolt Down

#### ELECTRICAL

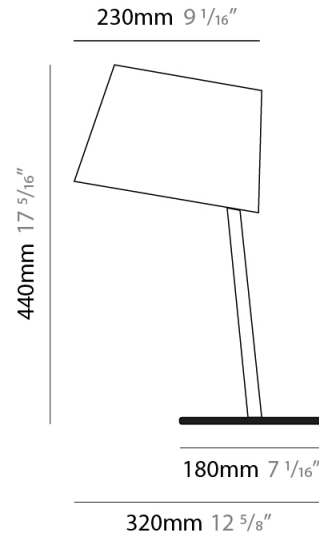
Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: B10  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 4  
 Lamp Base: E12  
 Input Voltage (V): 120

#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



D54007-

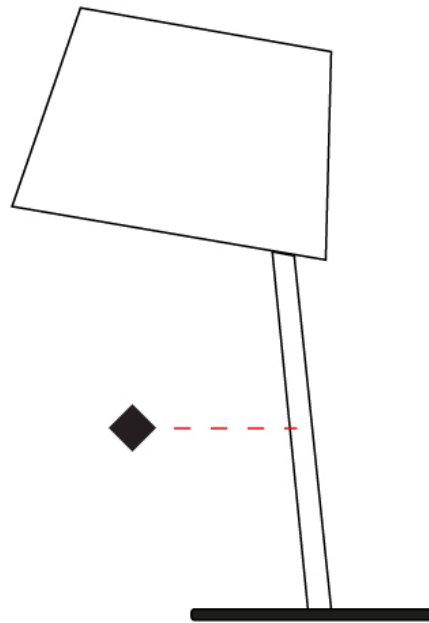
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
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DATE

## EXCENTRICA PORTABLE

### D54008-

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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Table  
 Subcategory: Table

#### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 230  
 Diameter (in): 9 1/16  
 Height (mm): 510  
 Height (in): 20 1/16  
 Extension (mm): 740  
 Extension (in): 29 1/8  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: WHI / BLK  
 Holder Finish: WHI / BLK  
 Fixture Material: Metal  
 Upon Request: Bolt Down

#### ELECTRICAL

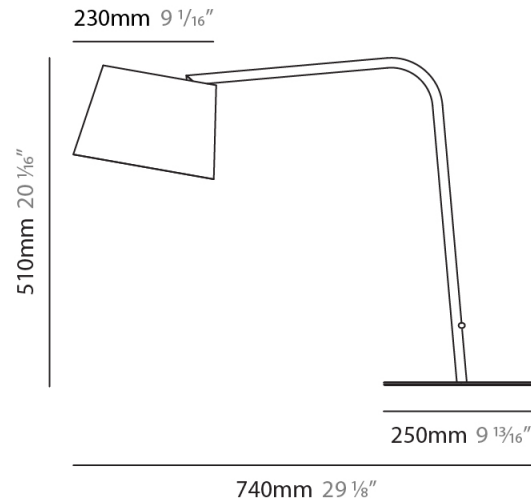
Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: B10  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 4  
 Lamp Base: E12  
 Input Voltage (V): 120

#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



D54008-

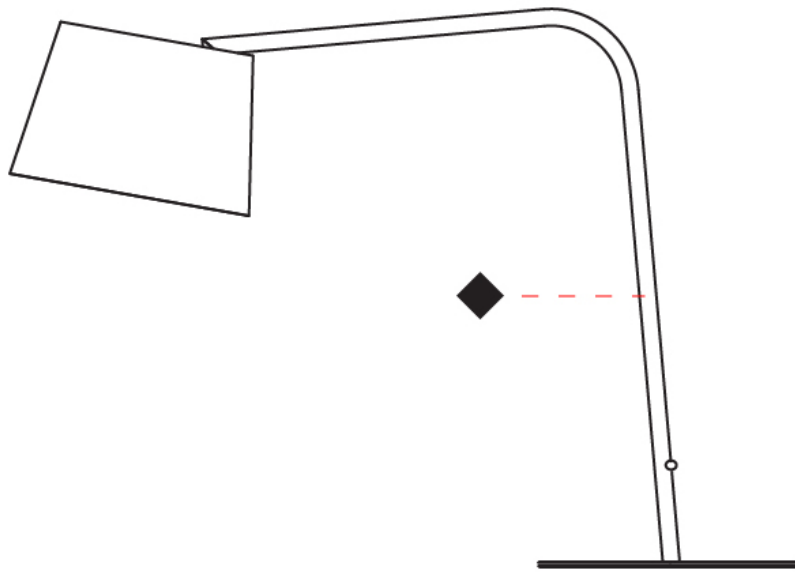
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



## EXCENTRICA PORTABLE

### D54009-

base number            Finish             
Options           

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Floor  
 Subcategory: Floor

#### PHYSICAL

Shape: Abstract  
 Diameter (mm): 380  
 Diameter (in): 14 <sup>15</sup>/<sub>16</sub>  
 Height (mm): 1700  
 Height (in): 66 <sup>15</sup>/<sub>16</sub>  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: WHI / BLK  
 Holder Finish: WHI / BLK  
 Fixture Material: Metal  
 Upon Request: Bolt Down

#### ELECTRICAL

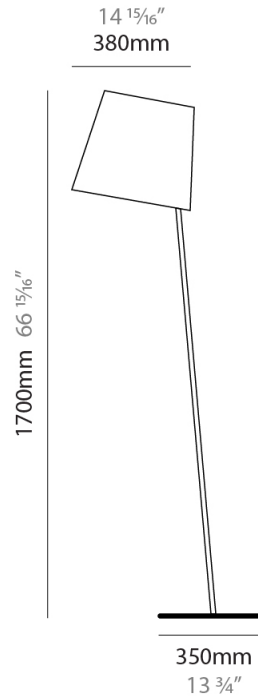
Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: A19  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 12  
 Lamp Base: E26  
 Input Voltage (V): 120  
 Upon Request: 277Vac / GU24

#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



D54009-

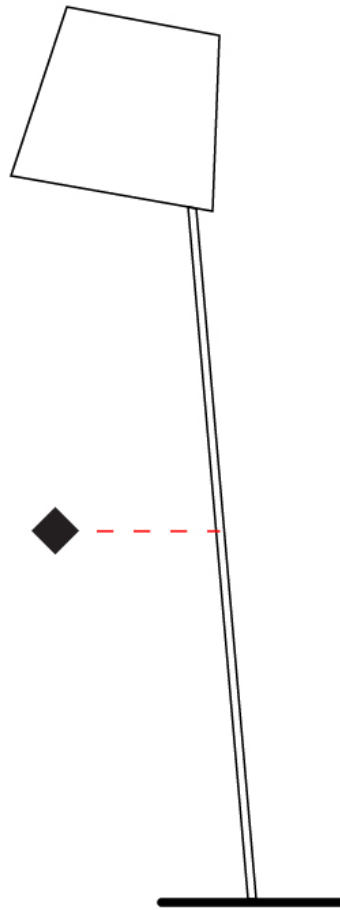
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



## EXCENTRICA PORTABLE

### D54010-

base number            Finish             
Options           

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

- 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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Floor  
 Subcategory: Floor

#### PHYSICAL

Shape: Abstract  
 Diameter (mm): 380  
 Diameter (in): 14 <sup>15</sup>/<sub>16</sub>  
 Height (mm): 1840  
 Height (in): 72 <sup>7</sup>/<sub>16</sub>  
 Extension (mm): 1920  
 Extension (in): 75 <sup>9</sup>/<sub>16</sub>  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: WHI / BLK  
 Holder Finish: WHI / BLK  
 Fixture Material: Metal  
 Upon Request: Bolt Down

#### ELECTRICAL

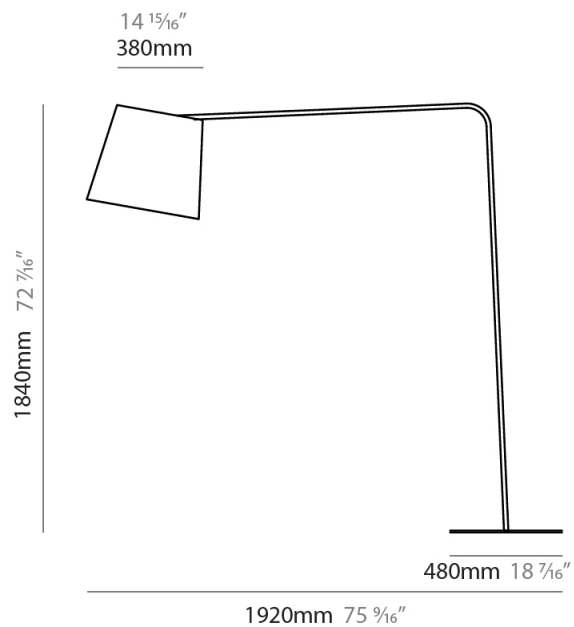
Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: A19  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 12  
 Lamp Base: E26  
 Input Voltage (V): 120  
 Upon Request: 277Vac / GU24

#### LED

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



D54010-

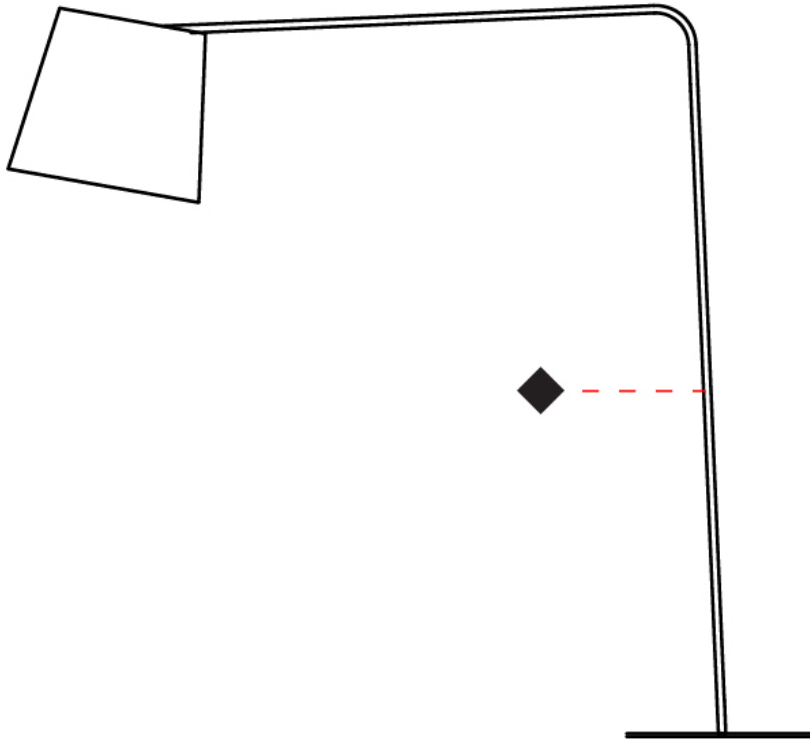
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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## EXCENTRICA PORTABLE

**D54046-** \_\_\_\_\_ - \_\_\_\_\_

base number    Finish Options    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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Table  
 Subcategory: Table

### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 380  
 Diameter (in): 14 <sup>15</sup>/<sub>16</sub>  
 Height (mm): 700  
 Height (in): 27 <sup>9</sup>/<sub>16</sub>  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
[Fixture Finish: BRA / PWT](#)  
 Holder Finish: BLM / WHM  
 Fixture Material: Metal / Marble  
 Upon Request: Bolt Down

### ELECTRICAL

Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: A19  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 7  
 Lamp Base: E26  
 Input Voltage (V): 120  
 Upon Request: 277Vac / GU24

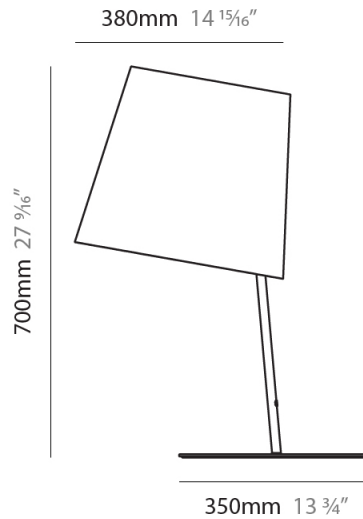
### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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

PROJECT \_\_\_\_\_  
 TYPE \_\_\_\_\_  
 SPECIFIER \_\_\_\_\_  
 QUANTITY \_\_\_\_\_  
 DATE \_\_\_\_\_



D54046-

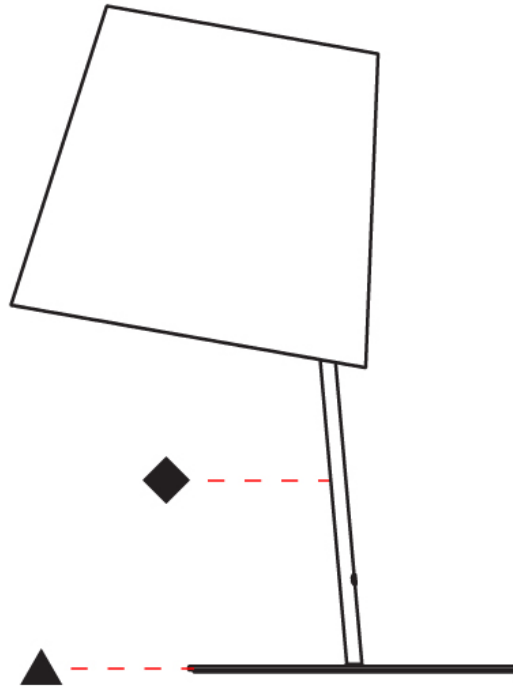
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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## EXCENTRICA PORTABLE

**D54047-** \_\_\_\_\_ - \_\_\_\_\_

base number    Finish Options    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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Table  
 Subcategory: Table

### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 230  
 Diameter (in): 9 1/16  
 Height (mm): 440  
 Height (in): 17 5/16  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: [BRA / PWT](#)  
 Holder Finish: [BLM / WHM](#)  
 Fixture Material: Metal / Marble  
 Upon Request: Bolt Down

### ELECTRICAL

Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: B10  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 4  
 Lamp Base: E12  
 Input Voltage (V): 120

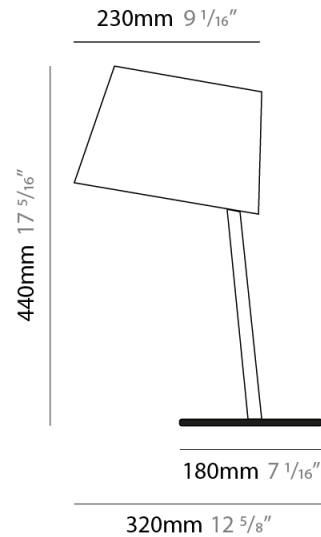
### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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

PROJECT
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D54047-

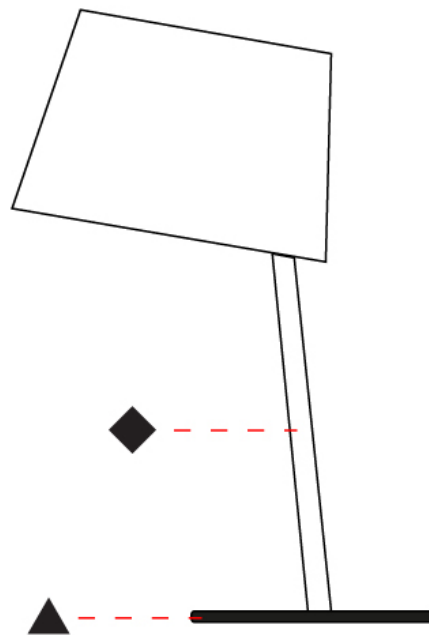
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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## EXCENTRICA PORTABLE

**D54048-** -

base number    Finish Options    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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Table  
 Subcategory: Table

### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 230  
 Diameter (in): 9 1/16  
 Height (mm): 510  
 Height (in): 20 1/16  
 Extension (mm): 740  
 Extension (in): 29 1/8  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: [BRA / PWT](#)  
 Holder Finish: [BLM / WHM](#)  
 Fixture Material: Metal / Marble  
 Upon Request: Bolt Down

### ELECTRICAL

Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: B10  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 4  
 Lamp Base: E12  
 Input Voltage (V): 120

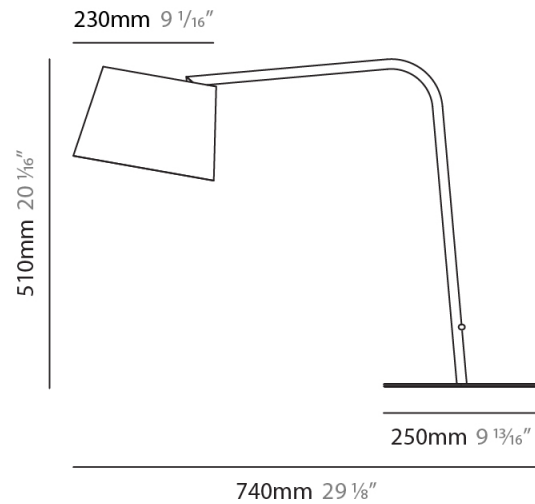
### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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

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QUANTITY
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D54048-

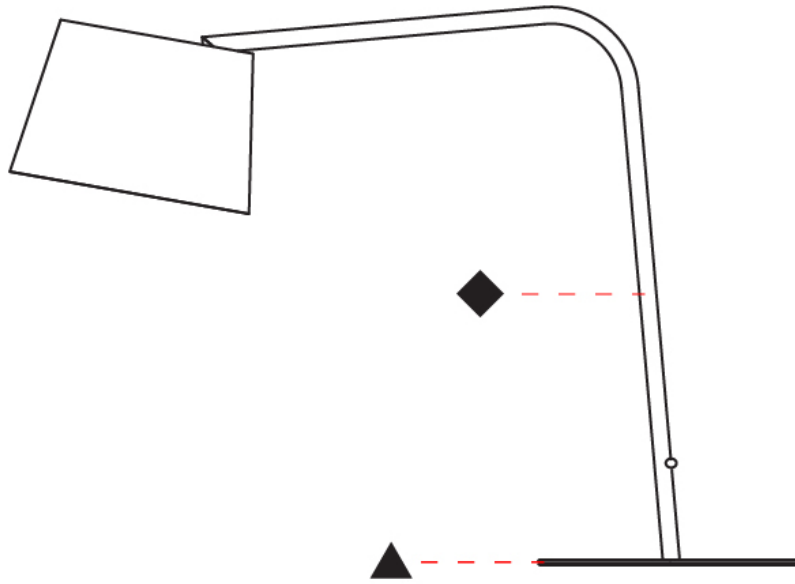
PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



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## EXCENTRICA PORTABLE

**D54049-** \_\_\_\_\_ - \_\_\_\_\_

base number    Finish Options    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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Floor  
 Subcategory: Floor

### PHYSICAL

Shape: Abstract  
 Diameter (mm): 380  
 Diameter (in): 14 <sup>15</sup>/<sub>16</sub>  
 Height (mm): 1700  
 Height (in): 66 <sup>15</sup>/<sub>16</sub>  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: [BRA](#) / [PWT](#)  
 Holder Finish: BLM / WHM  
 Fixture Material: Metal / Marble  
 Upon Request: Bolt Down

### 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

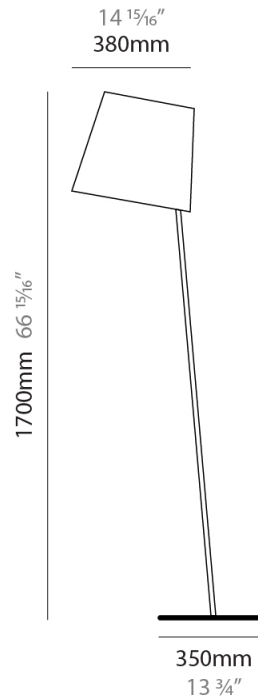
### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



D54049-

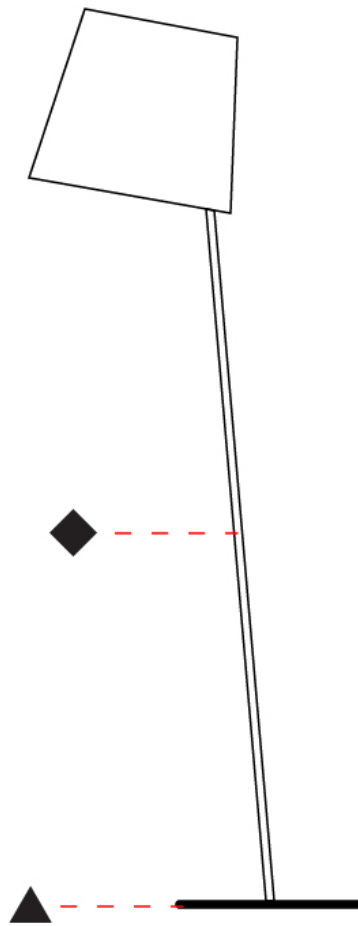
PROJECT \_\_\_\_\_

TYPE \_\_\_\_\_

SPECIFIER \_\_\_\_\_

QUANTITY \_\_\_\_\_

DATE \_\_\_\_\_



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## EXCENTRICA PORTABLE

**D54051-** -  
 base number      Finish Options      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: Excentrica  
 Brand: Fambuena  
 Division: Design  
 Mounting Type: Portable  
 Mounting Location: Floor  
 Subcategory: Floor

### PHYSICAL

Shape: Cylinder  
 Diameter (mm): 230  
 Diameter (in): 9 1/16  
 Height (mm): 1350  
 Height (in): 53 1/8  
 Light Distribution: Direct  
 Diffuser: Cotton Shade  
 Fixture Finish: [BRA](#) / [PWT](#)  
 Holder Finish: BLM / WHM  
 Fixture Material: Metal / Marble

### ELECTRICAL

Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: B10  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 4  
 Lamp Base: E12  
 Input Voltage (V): 120

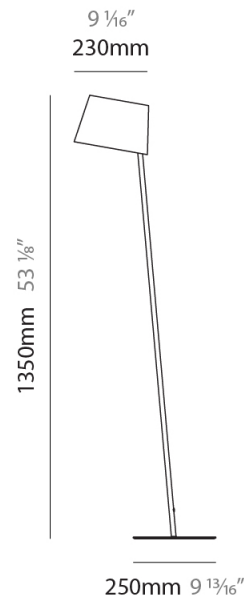
### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



D54051-

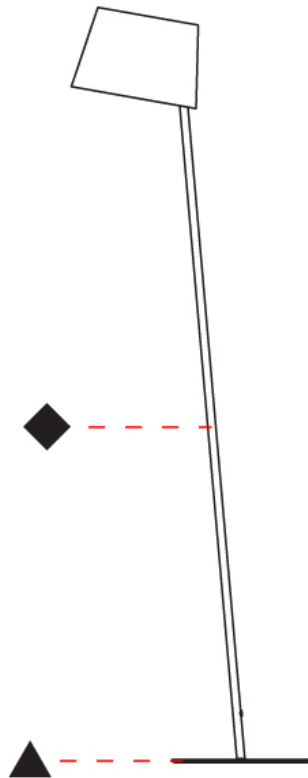
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



D

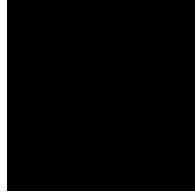
PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

### Fixture Finish

White - WHI



Black - BLK



Brass - BRA



Pewter - PWT



### Holder Finish

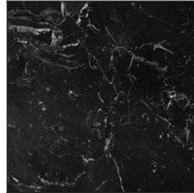
White - WHI



Black - BLK



Black Marble - BLM



White Marble - WHM



**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.



PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

### LEGEND

floor-mounted	pivotal	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)