### **CRASH SURFACE**

#### D132044-

Finish Options 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: Knikert	ooker
Division: Desig	'n
Mounting Type	e: Surface
Mounting Loca	ation: Ceiling
Subcategory: A	Ambient
PHYSICAL	
Shape: Abstrac	ct
Length (mm): 1	1000
Length (in): 39	3/8
Width (mm): 40	00
Width (in): 15 <sup>3</sup> /	4
Height (mm): 2	240
Height (in): 9 7/	16
Extension (mm	ו): 250
Extension (in):	9 <sup>13</sup> / <sub>16</sub>
Light Distribut	ion: Indirect
Fixture Finish:	BFM / BRL / BRW / CLF / CLM / CLW / GLF / GLM / GLW /
MBK / SLF / SL	M / SLW / WHI
Fixture Materia	al: Metal
ELECTRICAL	
Lamp Type: LE	D
Input Wattage	(W): 10.5
Total Output V	Vattage (W): 10
Dimming: Tri-M and 0-10V Dim	Node (Non-Dimming and Phase Dimming (120Vac only) ming)
Driver Included	d: Yes
Driver Location	n: Integrated
Driver Type: Co	onstant Current - Universal
Driver Class: C	lass 2
Input Voltage (	V): 120 - 277
Constant Curre	ent (MA): 250
Upon Request	: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac
LED	

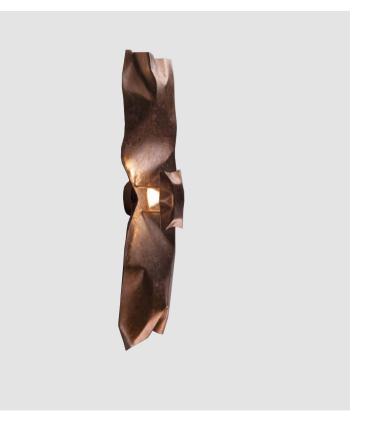
Number of LEDs: 1	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 2200	
CRI: >85 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

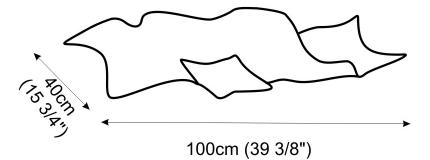
#### RATINGS AND CERTIFICATIONS

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

PROJECT TYPE SPECIFIER QUANTITY



DATE



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### **CRASH SURFACE**

#### D132047-

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: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
PHYSICAL
Shape: Rectangle
Length (mm): 300
Length (in): 11 <sup>13</sup> / <sub>16</sub>
Width (mm): 300
Width (in): 11 <sup>13</sup> / <sub>16</sub>
Light Distribution: Indirect
Fixture Finish: BFM / BRL / BRW / CLF / CLM / CLW / GLF / GLM / GLW / MBK / SLF / SLM / SLW / WHI
Fixture Material: Metal

#### ELECTRICAL

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 / 277Vac
LED
Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1100

## CRI: >85 CRI Lamp Life (hrs): 50000

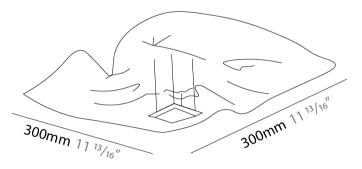
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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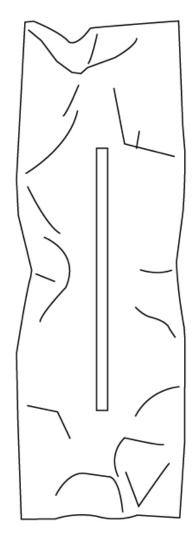


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### **CRASH SURFACE**

#### D132050-

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: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
PHYSICAL
Shape: Rectangle
Length (mm): 500
Length (in): 19 <sup>11</sup> / <sub>16</sub>
Width (mm): 500
Width (in): 19 <sup>11</sup> / <sub>16</sub>
Height (mm): 300
Height (in): $11\frac{13}{16}$
Light Distribution: Indirect
Fixture Finish: BFM / BRL / BRW / CLF / CLM / CLW / GLF / GLM / GLW / MBK / SLF / SLM / SLW / WHI
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
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

#### LED

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

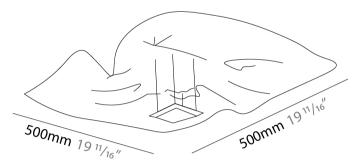
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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### **CRASH SURFACE**

#### D132053-

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: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
PHYSICAL
Shape: Rectangle
Length (mm): 750
Length (in): 29 <sup>1</sup> / <sub>2</sub>
Width (mm): 750
Width (in): 29 ½
Extension (mm): 150
Extension (in): 5 1/8
Light Distribution: Indirect
Fixture Finish: BFM / BRL / BRW / CLF / CLM / CLW / GLF / GLM / GLW / MBK / SLF / SLM / SLW / WHI
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
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): 1100
CRI: >85 CRI
Lamp Life (hrs): 50000

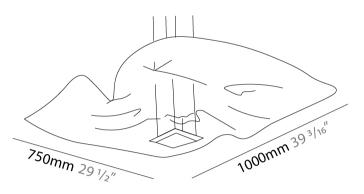
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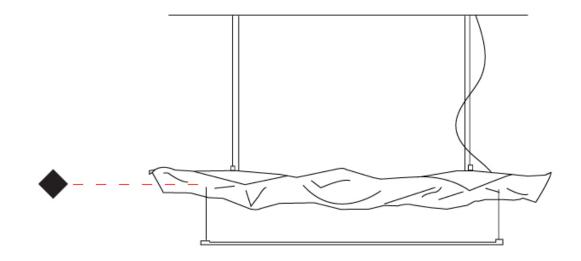
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D132053-

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### **CRASH SURFACE**

#### D132056-

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: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
PHYSICAL
Shape: Rectangle
Length (mm): 1000
Length (in): $39\frac{3}{8}$
Width (mm): 1000
Width (in): 39 $\frac{3}{8}$
Height (mm): 250
Height (in): 9 <sup>13</sup> / <sub>16</sub>
Light Distribution: Indirect
Fixture Finish: BFM / BRL / BRW / CLF / CLM / CLW / GLF / GLM / GLW /
MBK / SLF / SLM / SLW / WHI
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
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): 1100	
CRI: >85 CRI	
Lamp Life (hrs): 50000	

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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1000mm 39 3/16" 1000mm 39 3/16"



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### **CRASH SURFACE**

#### D132109-

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: 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 <sup>7</sup> / <sub>8</sub>	
Height (mm): 250	
Height (in): 9 <sup>13</sup> / <sub>16</sub>	
Light Distribution: Indirect	
Fixture Finish: BFM / BRL / BRW / CLF / CLM / CLW / C MBK / SLF / SLM / SLW / WHI	GLF / GLM / GLW /
Fixture Material: Metal	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 10.5	
Total Output Wattage (W): 10	
Dimming: Tri-Mode (Non-Dimming and Phase Dimm and 0-10V Dimming)	ning (120Vac only)
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Universal	

Driver Type: Constant Current - Universa Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250

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

#### LED

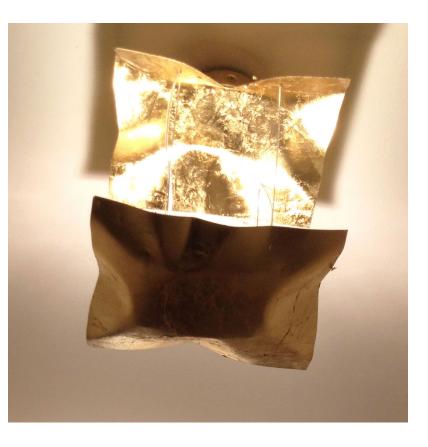
Number of LEDs: 1	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1100	
CRI: >85 CRI	
Lamp Life (hrs): 50000	

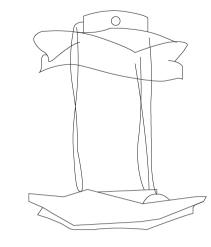
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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200mm 7 7/8"

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200mm 7 7/8"

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May 17, 2024, 10:53 am

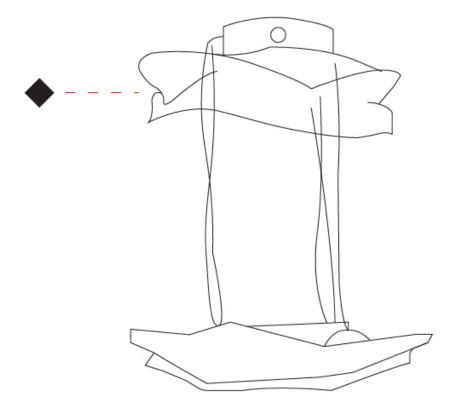
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May 17, 2024, 10:53 am

### **CRASH SURFACE**

#### D132139-

Finish Options 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: Wall	
PHYSICAL	
Shape: Rectangle	
Length (mm): 600	
Length (in): 23 <sup>5</sup> / <sub>8</sub>	
Width (mm): 250	
Width (in): 9 <sup>13</sup> / <sub>16</sub>	
Height (mm): 120	
Height (in): $4\frac{3}{4}$	
Light Distribution: Indirect	
Fixture Finish: BFM / BRL / BRW / CLF / CLM / CLW / GLF / GLM / GLV MBK / SLF / SLM / SLW / WHI	//
Fixture Material: Metal	
ELECTRICAL	
Lamp Type: LED	
Total Output Wattage (W): 6	
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Voltage - Universal - Non-dimming	
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 LED

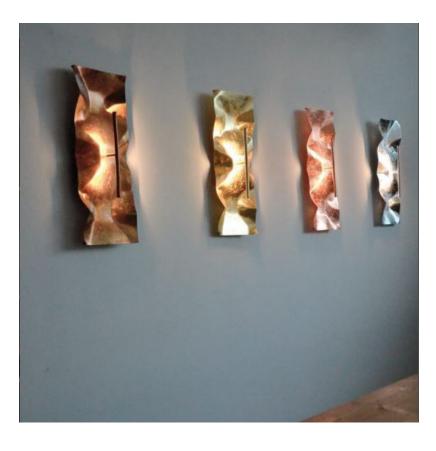
Number of LEDs: 1 strip
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1100
CRI: >85 CRI
Lamp Life (hrs): 50000
Upon Request: 2700K

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#### **RATINGS AND CERTIFICATIONS**

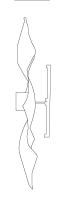
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+/- 120



250mm 9 13/16"

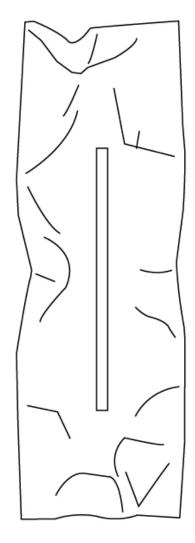
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### **CRASH SURFACE**

#### D133000-

Finish Options 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: Wall
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 750
Length (in): 29 <sup>1</sup> / <sub>2</sub>
Width (mm): 750
Width (in): 29 $\frac{1}{2}$
Extension (mm): 260
Extension (in): 10 <sup>1</sup> / <sub>4</sub>
Light Distribution: Indirect
Fixture Finish: TWH / MBK / SLF / GLF / CLF / BLF
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
IED

#### LED

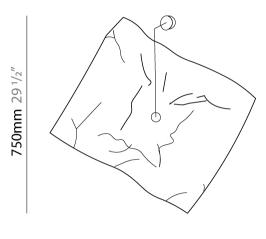
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

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750mm 29 1/2"

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### **CRASH SURFACE**

#### D133003-

Finish 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: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Rectangle
Length (mm): 1000
Length (in): 39 ¾
Height (mm): 1000
Height (in): 39 ¾
Extension (mm): 260
Extension (in): 10 ¼
Light Distribution: Indirect
Fixture Finish: TWH / MBK / SLF / GLF / CLF / BLF
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)

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TYPE

#### Driver Type: Constant Current - Universal

and 0-10V Dimming) Driver Included: Yes Driver Location: Integrated

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): 1100
CRI: >85 CRI
Lamp Life (hrs): 50000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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## CRASH

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#### **Fixture Finish**









Bronze Leaf - BRL





Gold Leaf/White - GLW



Copper Leaf - CLF



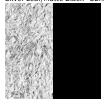




Copper Leaf/White CLW - CLW



Silver Leaf/Matte Black - SLM



Silver Leaf/White - SLW











Silver Leaf - SLE

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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## CRASH

PROJECT

TYPE

SPECIFIER QUANTITY

DATE

## LEGEND

_↓_	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
$\overline{}$	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	1111 1100	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution		length of suspension cable	CRI	color rendering index
	direct light distribution	Δ	reflector degree selection	<b>°K</b>	color temperature
X	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	$\overline{\mathbf{A}}$	lens		efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	D.	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	i Co	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>O</b> SC	Dark Sky Compliance
(++)	minimum distance (meters) lamp - object	۲	luminaire part to be colored (F1)	Ġ	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)	(ه)	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
<b>6</b>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
У	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c (U) us	UL Certified to UL and CSA Standards
	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	<b>S</b> .	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	2	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**

КО1	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)
КОЗ	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)
КО5	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
КОб	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)
КОВ	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
1609	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)