## **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
Iounting Type: Suspension
Nounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Abstract
ength (mm): 1000
ength (in): 39 ⅔
Vidth (mm): 1000
Vidth (in): 39 ¾
/ax. Overall Height (mm): 2000
/lax. Overall Height (in): 78 $^3\!\!/_4$
ight Distribution: Indirect
ïxture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EW EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB
ixture Material: Metal
Cable Details: 4 Steel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm / '8 3/4"
LECTRICAL
.amp Type: LED Retrofit
nput Wattage (W): 21
otal 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
nput Voltage (V): 120 - 277
Constant Current (MA): 250
Jpon Request: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac
ED
lumber of LEDs: 2
Color Temperature (°K): 3000

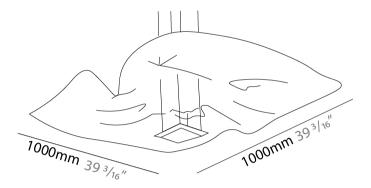
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

PROJECT
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QUANTITY
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**CRASH SUSPENSION** 

D131065-

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## **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

GENERAL	
Series: Crash	
Brand: Knikerboker	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Abstract	
Length (mm): 500	
Length (in): 19 <sup>11</sup> / <sub>16</sub>	
Width (mm): 500	
Width (in): 19 <sup>11</sup> / <sub>16</sub>	
Extension (mm): 2000	
Extension (in): 78 ¾	
Light Distribution: Indirect	
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB	
Fixture Material: Metal	
Cable Details: 4 Steel Cable 2000mm / 78 3/4" - Silicon 78 3/4"	Cable 2000mm /
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 10.5	
Total Output Wattage (W): 10	
Dimming: Tri-Mode (Non-Dimming and Phase Dimmin and 0-10V Dimming)	g (120Vac only)
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 @1	20Vac / 277Vac
LED	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1100	

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

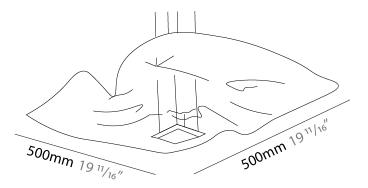
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

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**CRASH SUSPENSION** 

D131425-

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## **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

GENERAL	
Series: Crash	
Brand: Knikerboker	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Abstract	
Length (mm): 1000	
Length (in): 39 <sup>3</sup> / <sub>8</sub>	
Width (mm): 750	
Width (in): 29 <sup>1</sup> / <sub>2</sub>	
Max. Overall Height (mm): 20	00
Max. Overall Height (in): 78 <sup>3</sup> / <sub>4</sub>	
Light Distribution: Indirect	
/ EWG / EWC / EWR / EBS / EB	AN / COF / PRD/ SLF / GLF / CLF / BRL / EWS G / EBC / EBC / EBB / MAS / MAD / MAC /
MAB / COS / CGO / CCL / CBL /	/ PRS / PRG / PRC / PRB
Fixture Material: Metal	
78 3/4"	000mm / 78 3/4" - Silicon Cable 2000mm /
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 10.5	
Total Output Wattage (W): 10	
Dimming: Tri-Mode (Non-Dim and 0-10V Dimming)	ming and Phase Dimming (120Vac only)
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Curren	t - Universal
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 250	
Upon Request: 0-10Vdc dimm	ning / Phase dimming @120Vac / 277Vac
LED	
Number of LEDs: 1	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 2	200
CRI: >85 CRI	

## OPTICAL

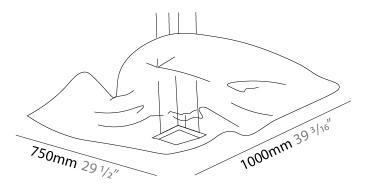
Lamp Life (hrs): 50000

### RATINGS AND CERTIFICATIONS

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

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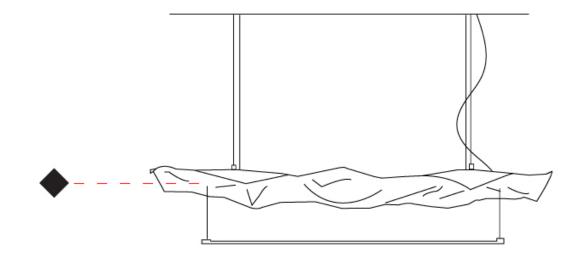


**CRASH SUSPENSION** 

D131439-

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PROJECT			
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## **ZANEEN**<sub>®</sub>

## **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 <sup>3</sup> / <sub>8</sub>	
Width (mm): 400	
Width (in): 15 <sup>3</sup> / <sub>4</sub>	
Height (mm): 240	
Height (in): 9 <sup>7</sup> / <sub>16</sub>	
Extension (mm): 250	
Extension (in): 9 <sup>13</sup> / <sub>16</sub>	
Light Distribution: Indirect	
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / P	MAS / MAD / MAC /
Fixture Material: Metal	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 10.5	

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

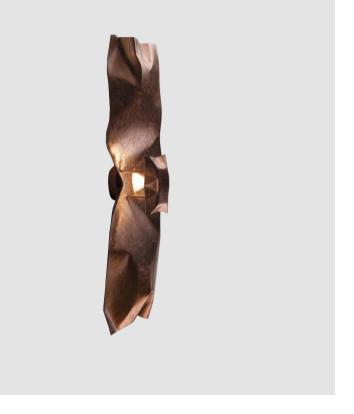
Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 2200
CRI: >85 CRI
Lamp Life (hrs): 50000

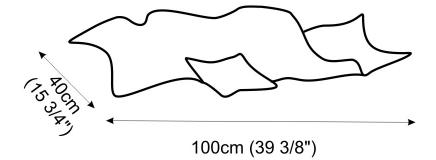
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

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## **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

eries: Crash
Brand: Knikerboker
Division: Design
Iounting Type: Surface
Iounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
ihape: Abstract
ength (mm): 200
ength (in): 7 $\frac{7}{8}$
Vidth (mm): 200
Vidth (in): 7 <sup>7</sup> / <sub>8</sub>
leight (mm): 250
leight (in): 9 <sup>13</sup> / <sub>16</sub>
ight Distribution: Indirect
ixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EW EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB
ïxture Material: Metal
LECTRICAL
amp Type: LED
nput Wattage (W): 10.5
otal Output Wattage (W): 10
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) Ind 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Priver Type: Constant Current - Universal
Driver Class: Class 2
nput Voltage (V): 120 - 277
Constant Current (MA): 250
Jpon Request: 0-10Vdc Dimming / Phase dimming @120Vac only / Non limming 120/277Vac
ED
lumber of LEDs: 1

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

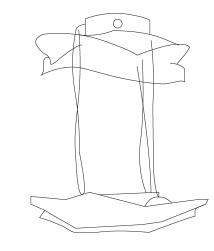
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

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200mm 7 3/8"

200mm 7 7/8"

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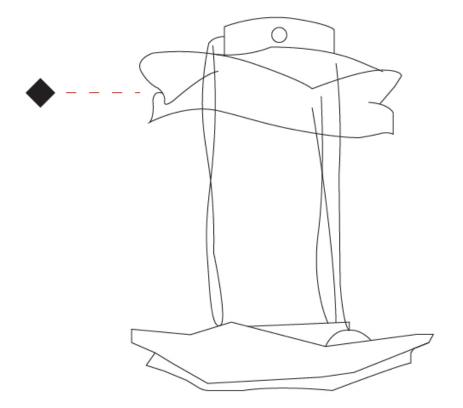


**CRASH SURFACE** 

D132109-

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PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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## **CRASH SURFACE**

#### D133006-

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

Brand: Knikerboker         Division: Design         Mounting Type: Surface         Mounting Location: Wall         Subcategory: Ambient         PHYSICAL         Shape: Abstract         Length (nm): 2500         Length (in): 98 7/ <sub>16</sub> Height (nm): 2500         Height (in): 98 7/ <sub>16</sub> Extension (mm): 260         Extension (nm): 260         Extension (in): 10 1/ <sub>4</sub> Light Distribution: Direct / Indirect         Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL         Fixture Material: Metal         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 31.5         Total Output Wattage (W): 30         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	Series: Crash	
Mounting Type: Surface         Mounting Location: Wall         Subcategory: Ambient         PHYSICAL         Shape: Abstract         Length (nm): 2500         Length (in): 98 $\frac{7}{16}$ Height (nm): 2500         Height (in): 98 $\frac{7}{16}$ Extension (mm): 260         Extension (in): 10 $\frac{1}{4}$ Light Distribution: Direct / Indirect         Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL         Fixture Material: Metal         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 31.5         Total Output Wattage (W): 30         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	Brand: Knikerboker	
Mounting Location: Wall         Subcategory: Ambient         PHYSICAL         Shape: Abstract         Length (nm): 2500         Length (in): 98 $\frac{7}{16}$ Height (nm): 2500         Height (in): 98 $\frac{7}{16}$ Extension (mm): 260         Extension (in): 10 $\frac{1}{4}$ Light Distribution: Direct / Indirect         Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL         Fixture Material: Metal         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 31.5         Total Output Wattage (W): 30         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	Division: Design	
Subcategory: AmbientPHYSICALShape: AbstractLength (nm): 2500Length (in): 98 $\frac{7}{16}$ Height (nm): 2500Height (in): 98 $\frac{7}{16}$ Extension (mm): 260Extension (in): 10 $\frac{1}{4}$ Light Distribution: Direct / IndirectFixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRLFixture Material: MetalELECTRICALLamp Type: LEDInput Wattage (W): 31.5Total Output Wattage (W): 30Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)and 0-10V Dimming)Driver Included: YesDriver Location: IntegratedDriver Type: Constant Current - UniversalDriver Class: Class 2Input Voltage (V): 120 - 277Constant Current (MA): 250	Mounting Type: Surface	
PHYSICAL         Shape: Abstract         Length (nm): 2500         Length (in): 98 $\frac{7}{1_{16}}$ Height (nm): 2500         Height (in): 98 $\frac{7}{1_{16}}$ Extension (mm): 260         Extension (in): 10 $\frac{1}{4}$ Light Distribution: Direct / Indirect         Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL         Fixture Material: Metal         ELECTRICAL         Lamp Type: LED         Input Wattage (W): 31.5         Total Output Wattage (W): 30         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	Mounting Location: Wall	
Shape: Abstract Length (mm): 2500 Length (in): 98 $\frac{7}{1_6}$ Height (in): 98 $\frac{7}{1_6}$ Extension (mm): 260 Extension (in): 10 $\frac{1}{4}$ Light Distribution: Direct / Indirect Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal ELECTRICAL Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 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	Subcategory: Ambient	
Length (mm): 2500 Length (in): 98 $\frac{7}{16}$ Height (mm): 2500 Height (in): 98 $\frac{7}{16}$ Extension (mm): 260 Extension (in): 10 $\frac{7}{4}$ Light Distribution: Direct / Indirect Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 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	PHYSICAL	
Length (in): 98 7/ <sub>16</sub> Height (in): 98 7/ <sub>16</sub> Extension (mm): 2500 Extension (mm): 260 Extension (in): 10 1/ <sub>4</sub> Light Distribution: Direct / Indirect Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 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	Shape: Abstract	
Height (mm): 2500 Height (in): 98 $7_{16}$ Extension (mm): 260 Extension (in): 10 $\frac{1}{4}$ Light Distribution: Direct / Indirect Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 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	Length (mm): 2500	
Height (in): 98 $\frac{7}{46}$ Extension (mm): 260 Extension (in): 10 $\frac{1}{4}$ Light Distribution: Direct / Indirect Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 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	Length (in): 98 <sup>7</sup> / <sub>16</sub>	
Extension (mm): 260 Extension (in): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Direct / Indirect Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 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	Height (mm): 2500	
Extension (in): 10 <sup>1</sup> / <sub>4</sub> Light Distribution: Direct / Indirect Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal <b>ELECTRICAL</b> Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Location: Integrated Driver Location: Integrated Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250	Height (in): 98 1/16	
Light Distribution: Direct / Indirect Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal ELECTRICAL Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250	Extension (mm): 260	
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL Fixture Material: Metal ELECTRICAL Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250	Extension (in): 10 <sup>1</sup> / <sub>4</sub>	
Fixture Material: Metal  ELECTRICAL Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250	Light Distribution: Direct / Indirect	
ELECTRICAL Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) Driver Included: Yes Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250	Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL	
Lamp Type: LED Input Wattage (W): 31.5 Total Output Wattage (W): 30 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	Fixture Material: Metal	
Input Wattage (W): 31.5 Total Output Wattage (W): 30 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	ELECTRICAL	
Total Output Wattage (W): 30 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	Lamp Type: LED	
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	Input Wattage (W): 31.5	
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	Total Output Wattage (W): 30	
Driver Location: Integrated Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250		ly)
Driver Type: Constant Current - Universal Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250	Driver Included: Yes	
Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 250	Driver Location: Integrated	
Input Voltage (V): 120 - 277 Constant Current (MA): 250	Driver Type: Constant Current - Universal	
Constant Current (MA): 250	Driver Class: Class 2	
	Input Voltage (V): 120 - 277	
Upon Request: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac	Constant Current (MA): 250	
	Upon Request: 0-10Vdc dimming / Phase dimming @120Vac / 277V	ac

LED

Number of LEDs: 3
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 540
CRI: >85 CRI
Lamp Life (hrs): 50000

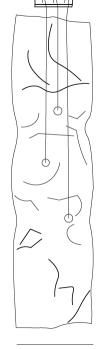
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

TYPE SPECIFIER QUANTITY
· · ·
QUANTITY
DATE





2500mm 98 7/16"

620mm 24 7/16"

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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

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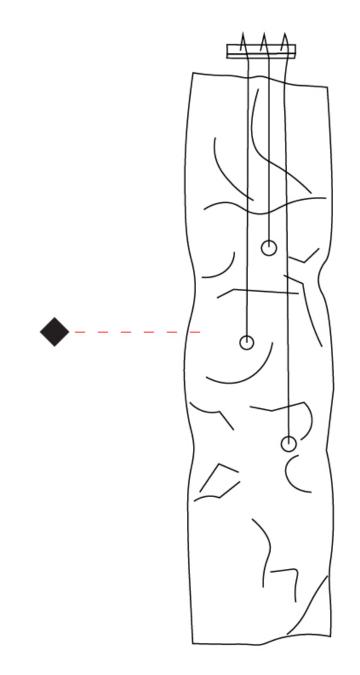
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**CRASH SURFACE** 

D133006-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



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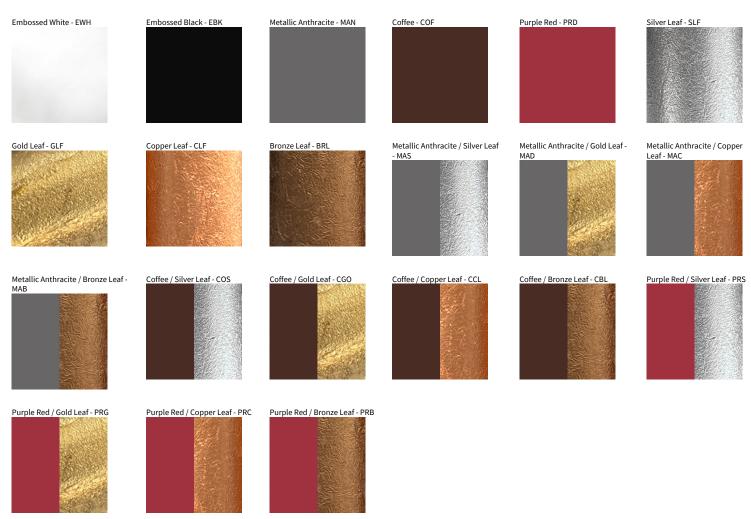
## **ZANEEN**<sub>®</sub>

## CRASH

DDO IFOT

PROJECT	
ТУРЕ	
SPECIFIER	
QUANTITY	
DATE	

**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.

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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)	٢	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
1966	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**

КОТ	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)
КО4	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)
KOS	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
КОТ	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)
КО9	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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