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

GENERAL	
Series: Crash	
Brand: Kniker	boker
Division: Desi	gn
Mounting Typ	e: Suspension
Mounting Loc	ation: Ceiling
Subcategory:	Pendant
PHYSICAL	
Shape: Abstra	oct
Length (mm):	1000
Length (in): 39	9 ¾
Width (mm): 1	1000
Width (in): 39	3/8
Max. Overall H	- Height (mm): 2000
	Height (in): $78\frac{3}{4}$
Light Distribu	
/ EWG / EWC /	: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / GO / CCL / CBL / PRS / PRG / PRC / PRB
Fixture Materi	ial: Metal
Cable Details: 78 3/4"	4 Steel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm /
ELECTRICAL	
Lamp Type: L	ED Retrofit
Input Wattage	e (W): 21
Total Output	Wattage (W): 20
Dimming: Tri- and 0-10V Din	Mode (Non-Dimming and Phase Dimming (120Vac only) nming)
Driver Include	ed: Yes
Driver Locatio	on: Integrated
Driver Type: C	Constant Current - Universal
Driver Class: 0	Class 2
Input Voltage	
Constant Curi	• •
Upon Reques	t: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac
LED	
Number of LE	Ds: 2
Color Temper	rature (°K): 3000

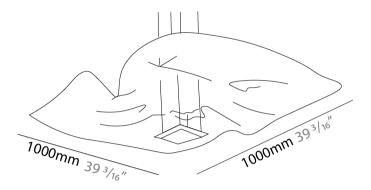
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE





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CRASH SUSPENSION

D131068-

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: Knikerboke	r
Division: Design	
Mounting Type: Su	spension
Mounting Location	: Ceiling
Subcategory: Pend	ant
PHYSICAL	
Shape: Curves	
Length (mm): 1500	
Length (in): 59 ¹ / ₁₆	
Width (mm): 1500	
Width (in): 59 ¹ / ₁₆	
Max. Overall Heigh	t (mm): 2000
Max. Overall Heigh	t (in): 78 ³ / ₄
Light Distribution:	Indirect
Fixture Finish: EWH	I / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS
	/ EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC /
MAB / COS / CGO /	CCL / CBL / PRS / PRG / PRC / PRB
Fixture Material: M	
Cable Details: 4 Ste 78 3/4"	eel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm /
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W):	31.5
Total Output Watta	age (W): 30
Dimming: Tri-Mode and 0-10V Dimming	e (Non-Dimming and Phase Dimming (120Vac only) g)
Driver Included: Ye	- S
Driver Location: Int	tegrated
Driver Type: Consta	ant Current - Universal
Driver Class: Class	2
Input Voltage (V): 1	20 - 277
Constant Current (MA): 250
Upon Request: 0-10	0Vdc dimming / Phase dimming @120Vac / 277Vac
LED	
Number of LEDs: 3	
Color Temperature	e (°K): 3000
Max. Delivered Lun	nen (lm): 3300
CRI: >85 CRI	

OPTICAL

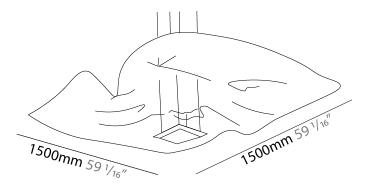
RATINGS AND CERTIFICATIONS

Lamp Life (hrs): 50000

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

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QUANTITY			
DATE			





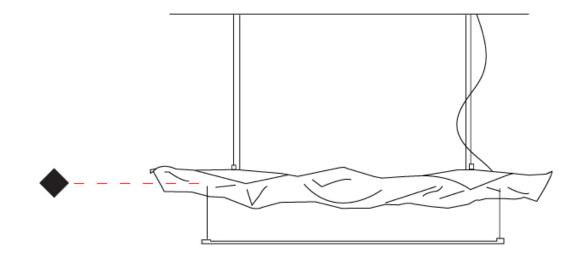
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CRASH SUSPENSION

D131071-

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: Knikerb	ooker
Division: Desig	n
Mounting Type	e: Suspension
Mounting Loca	ition: Ceiling
Subcategory: F	Pendant
PHYSICAL	
Shape: Curves	
Length (mm): 2	2500
Length (in): 98	7/ ₁₆
Width (mm): 62	20
Width (in): 24 7	/
Max. Overall H	eight (mm): 2000
Max. Overall H	eight (in): 78 ¾
Light Distributi	ion: Indirect
/ EWG / EWC / I	EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / GO / CCL / CBL / PRS / PRG / PRC / PRB
Fixture Materia	al: Metal
Cable Details: 4 78 3/4"	4 Steel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm /
ELECTRICAL	
Lamp Type: LE	D
Input Wattage	(W): 42
Total Output W	Vattage (W): 40
Dimming: Tri-N and 0-10V Dim	Node (Non-Dimming and Phase Dimming (120Vac only) ming)
Driver Included	d: Yes
Driver Location	1: Integrated
Driver Type: Co	onstant Current - Universal
Driver Class: Cl	ass 2
Input Voltage (V): 120 - 277
Constant Curre	
Upon Request:	0-10Vdc dimming / Phase dimming @120Vac / 277Vac
LED	
Number of LED)s: 4
Color Tempera	ature (°K): 3000
Max. Delivered	Lumen (lm): 4400

CRI: >85 CRI

Lamp	Life	(hrs)): 50	000

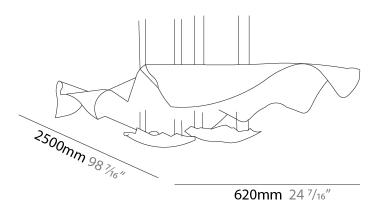
OPTICAL

RATINGS AND CERTIFICATIONS

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IP rating: IP20

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QUANTITY			
DATE			



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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 1/16	
Width (mm): 500	
Width (in): 19 ¹¹ / ₁₆	
Extension (mm): 2000	
Extension (in): 78 ³ / ₄	
Light Distribution: Indirect	
Fixture Finish: EWH / EBK / MAN / CO / EWG / EWC / EWR / EBS / EBG / EBC MAB / COS / CGO / CCL / CBL / PRS / I	/ EBC / EBB / MAS / MAD / MAC /
Fixture Material: Metal	
Cable Details: 4 Steel Cable 2000mm 78 3/4"	/ 78 3/4" - Silicon Cable 2000mm /
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 10.5	
Total Output Wattage (W): 10	
Dimming: Tri-Mode (Non-Dimming a and 0-10V Dimming)	nd Phase Dimming (120Vac only)
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Univ	ersal
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 250	
Upon Request: 0-10Vdc dimming / Pl	nase dimming @120Vac / 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	

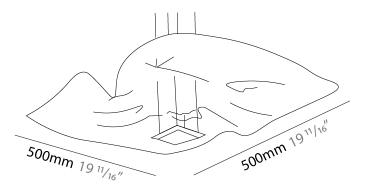
OPTICAL

RATINGS AND CERTIFICATIONS

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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 ³ / ₈	
Width (mm): 750	
Width (in): 29 ¹ / ₂	
Max. Overall Height (mm): 20	00
Max. Overall Height (in): 78 ³ / ₄	
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

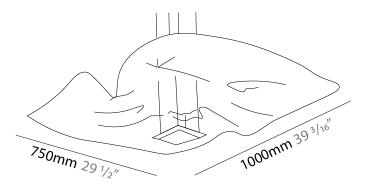
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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IP rating: IP20

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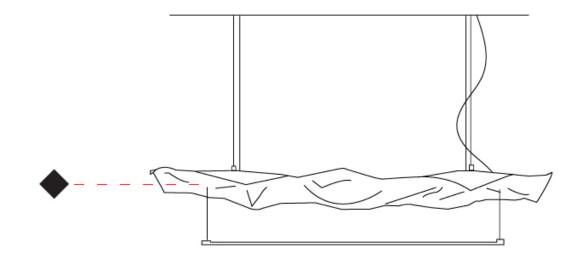
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D131439-

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CRASH SUSPENSION

D131557-

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: Knikerb	oker
Division: Design	1
Mounting Type:	: Suspension
Mounting Locat	tion: Ceiling
Subcategory: P	endant
PHYSICAL	
Shape: Abstract	t
Length (mm): 1	300
Length (in): 51	16
Width (mm): 40	0
Width (in): 15 ³ / ₄	
Height (mm): 2	50
Height (in): 9 ¹³ / ₁	16
Max. Overall He	ight (mm): 2250
Max. Overall He	ight (in): 88 1/16
Light Distribution	on: Indirect
/ EWG / EWC / E	EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS WR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / O / CCL / CBL / PRS / PRG / PRC / PRB
Fixture Material	
Cable Details: 4 78 3/4"	Steel Cable 2000mm / 78 3/4" - Silicon Cable 2000mm /
ELECTRICAL	
Lamp Type: LED)
Total Output W	attage (W): 20
Dimming: 0-10	/ Dimming / Phase Dimming (120Vac Only)
Driver Included	: Yes
Driver Location	: Integrated
Driver Type: Co	nstant Voltage - Universal
Driver Class: Cla	ass 2
Input Voltage (\	J): 120 - 277
Output Voltage	(V): 24
Upon Request:	(Not included - see components) Remote: 0-10Vdc

Upon Request: (Not included - see components) Remote: 0-10Vdc dimming / Phase dimming @120Vac only / (Included) Integral Nondimming 277Vac

LED

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

OPTICAL

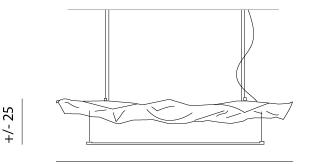
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20



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1300mm 51 3/16"

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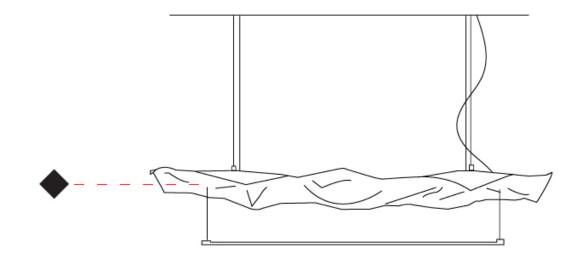
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D131557-

PROJECT			
TYPE			
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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

GENERALE	
Series: Crash	
Brand: Knikerboker	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceili	ng
Subcategory: Ambient	
PHYSICAL	
Shape: Abstract	
Length (mm): 1000	
Length (in): 39 ³ / ₈	
Width (mm): 400	
Width (in): 15 ¾	
Height (mm): 240	
Height (in): 9 ⁷ / ₁₆	
Extension (mm): 250	
Extension (in): 9 ¹³ / ₁₆	
Light Distribution: Indire	ct
/ EWG / EWC / EWR / EBS	(/ MAN / COF / PRD/ SLF / GLF / CLF / BRL / EWS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / CBL / PRS / PRG / PRC / PRB
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

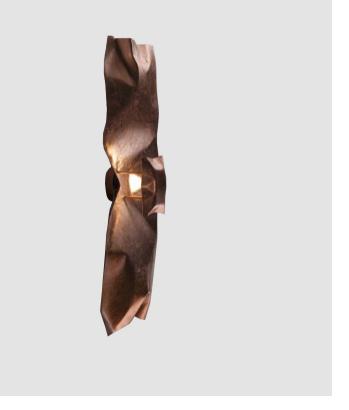
Number of LEDs: 1
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 2200
CRI: >85 CRI
Lamp Life (hrs): 50000

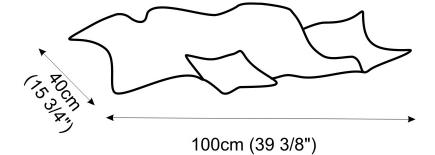
OPTICAL

RATINGS AND CERTIFICATIONS

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IP rating: IP20	

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DATE			





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CRASH SURFACE

D132047-

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
PHYSICAL
Shape: Rectangle
Length (mm): 300
Length (in): 11 ¹³ / ₁₆
Width (mm): 300
Width (in): 11 ¹³ / ₁₆
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRL / EW: / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC /

/ EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB 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 / 277Vac
LED
Number of LEDs: 1
Color Temperature (°K): 3000

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

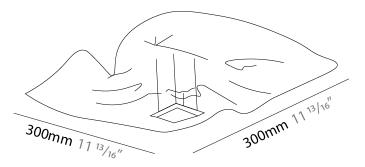
OPTICAL

RATINGS AND CERTIFICATIONS

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IP rating: IP20	

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SPECIFIER			
QUANTITY			
DATE			







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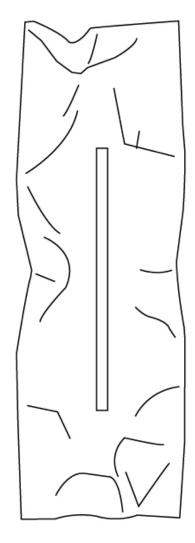


CRASH SURFACE

D132047-

PROJECT

PROJECT	
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QUANTITY	
DATE	



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CRASH SURFACE

D132050-

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

SENERAL SENERAL	
Series: Crash	
Brand: Knikerboker	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
PHYSICAL	
Shape: Rectangle	
Length (mm): 500	
Length (in): 19 ¹¹ / ₁₆	
Width (mm): 500	
Width (in): $19^{11}/_{16}$	
Height (mm): 300	
Height (in): $11\frac{13}{16}$	
Light Distribution: Indirect	
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / BRI / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MA MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB	,
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 or and 0-10V Dimming)	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	

LED

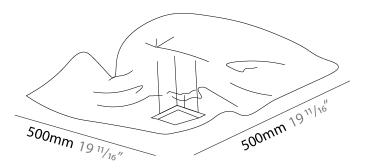
Number of LEDs: 2
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 2200
CRI: >85 CRI
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards	
IP rating: IP20	_
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CRASH SURFACE

D132053-

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	
PHYSICAL	
Shape: Rectangle	
Length (mm): 750	
Length (in): 29 ½	
Width (mm): 750	
Width (in): 29 ¹ / ₂	
Extension (mm): 150	
Extension (in): $5\frac{7}{8}$	
Light Distribution: Indirect	
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CL / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MA MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB	, ,
Fixture Material: Metal	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 21	
Total Output Wattage (W): 20	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (12 and 0-10V Dimming)	0Vac only)
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Current - Universal	

Input Voltage (V): 120 - 277 Constant Current (MA): 250

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

LED

Driver Class: Class 2

Number of LEDs: 2	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1100	
CRI: >85 CRI	
Lamp Life (hrs): 50000	

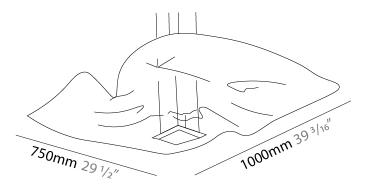
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT TYPE SPECIFIER QUANTITY DATE





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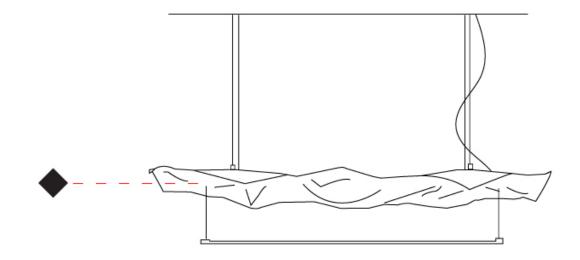
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.



CRASH SURFACE

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CRASH SURFACE

D132056-

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	
PHYSICAL	
Shape: Rectangle	
Length (mm): 1000	
Length (in): 39 ¾	
Width (mm): 1000	
Width (in): 39 ³ / ₈	
Height (mm): 250	
Height (in): 9 ¹³ / ₁₆	
Light Distribution: Indirect	
Fixture Finish: EWH / EBK / MAN / COF / PRD/ SLF / GLF / CLF / I / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB	,
Fixture Material: Metal	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 21	
Total Output Wattage (W): 20	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Va and 0-10V Dimming)	ic 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 @120Vac / 277Vac

LED

Number of LEDs: 2
Color Temperature (°K): 3000
Max. Delivered Lumen (lm): 1100
CRI: >85 CRI
Lamp Life (hrs): 50000

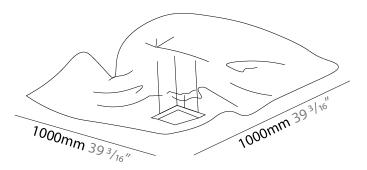
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT TYPE SPECIFIER QUANTITY DATE







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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

Series: Crash
Brand: Knikerboker
Division: Design
Nounting Type: Surface
Nounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Abstract
ength (mm): 200
length (in): 7 $\frac{7}{8}$
Vidth (mm): 200
Nidth (in): 7 $\frac{7}{8}$
leight (mm): 250
leight (in): 9 ¹³ / ₁₆
ight Distribution: Indirect
Fixture 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
Fixture Material: Metal
ELECTRICAL
.amp Type: LED
nput Wattage (W): 10.5
Fotal 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
nput Voltage (V): 120 - 277
Constant Current (MA): 250
Jpon Request: 0-10Vdc Dimming / Phase dimming @120Vac only / Nor limming 120/277Vac
ED
lumber of LEDs: 1

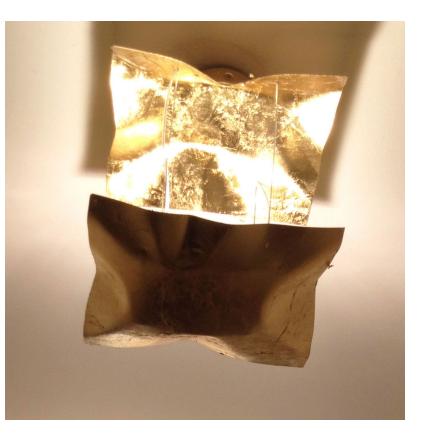
Number of LEDs: 1	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1100	
CRI: >85 CRI	
Lamp Life (hrs): 50000	

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT			
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Ο

200mm 7 7/8"

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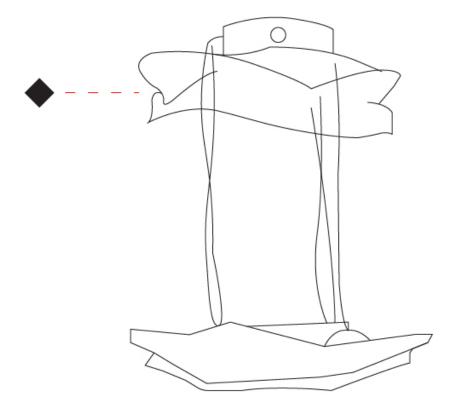
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CRASH SURFACE

D132109-

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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 ⁵ / ₈
Width (mm): 250
Width (in): 9 ¹³ / ₁₆
Height (mm): 120
Height (in): 4 ³ / ₄
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
Total Output Wattage (W): 6
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes

Diver included: res	
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

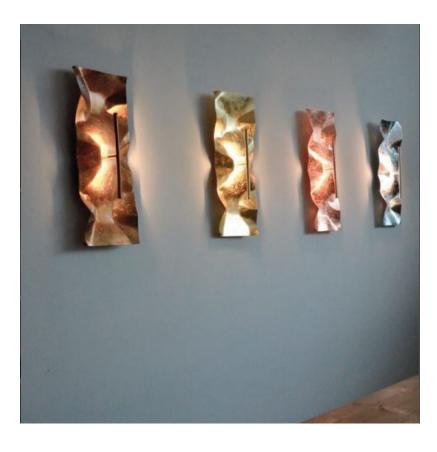
Number of LEDs: 1 strip	
Color Temperature (°K): 3000	
Max. Delivered Lumen (lm): 1100	
CRI: >85 CRI	
Lamp Life (hrs): 50000	
Upon Request: 2700K	

OPTICAL

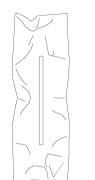
RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



600mm 23 5/8"



+/- 120



250mm 9 13/16"

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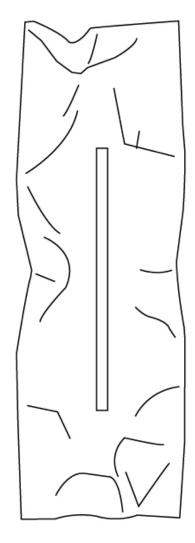


CRASH SURFACE

D132139-

PROJECT

PROJECT	
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QUANTITY	
DATE	



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CRASH SURFACE

D133000-

base number Finish Options

Driver Location: Integrated

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

dimming 120/277Vac

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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

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

OPTICAL

IP rating: IP20

LED

Driver Type: Constant Current - Universal

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

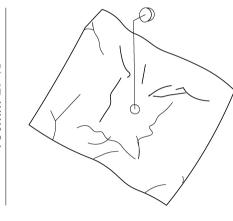
Series: Crash
Brand: Knikerboker
Division: Design
Mounting Type: Surface
Mounting Location: Wall
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 750
Length (in): 29 ¹ / ₂
Width (mm): 750
Width (in): $29\frac{1}{2}$
Extension (mm): 260
Extension (in): 10 ¹ / ₄
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL
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

Upon Request: 0-10Vdc dimming / Phase dimming @120Vac only / Non-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



750mm 29^{1/2"}



750mm 29 1/2"

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CRASH SURFACE

D133003-

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: Rectangle
Length (mm): 1000
Length (in): 39 ³ / ₈
Height (mm): 1000
Height (in): 39 $\frac{3}{8}$
Extension (mm): 260
Extension (in): 10 ¹ / ₄
Light Distribution: Indirect
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL
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 / 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

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

PROJECT TYPE SPECIFIER QUANTITY DATE





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CRASH

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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	°K	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)	O 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
6	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)	S .	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)
IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)