

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 ¹³/₁₆ _____
 Width (mm): 300 _____
 Width (in): 11 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): 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 _____

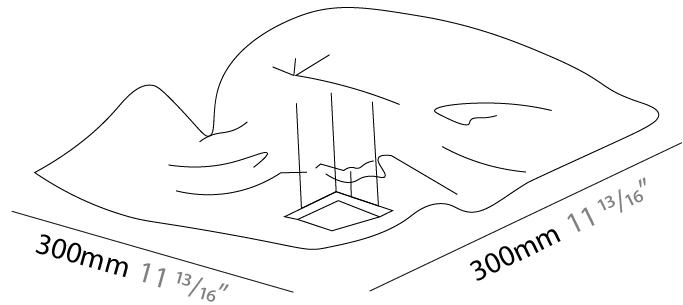
LED

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

OPTICAL

RATINGS AND CERTIFICATIONS

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



CRASH SURFACE

D132047-

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CRASH SURFACE

D132053-

base number _____
 Finish _____
 Options _____

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GENERAL

Series: Crash _____
 Brand: Knikerboker _____
 Division: Design _____
 Mounting Type: Surface _____
 Mounting Location: Ceiling _____

PHYSICAL

Shape: Rectangle _____
 Length (mm): 750 _____
 Length (in): 29 1/2 _____
 Width (mm): 750 _____
 Width (in): 29 1/2 _____
 Extension (mm): 150 _____
 Extension (in): 5 7/8 _____
 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 _____

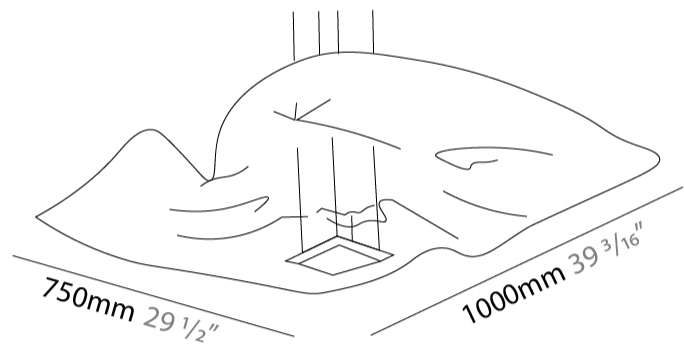
LED

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

OPTICAL

RATINGS AND CERTIFICATIONS

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



CRASH SURFACE

D132053-

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CRASH SURFACE

D132056-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
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GENERAL

Series: Crash
 Brand: Knikerboker
 Division: Design
 Mounting Type: Surface
 Mounting Location: Ceiling

PHYSICAL

Shape: Rectangle
 Length (mm): 1000
 Length (in): 39 ³/₁₆
 Width (mm): 1000
 Width (in): 39 ³/₁₆
 Height (mm): 250
 Height (in): 9 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
 Upon Request: 0-10Vdc dimming / Phase dimming @120Vac / 277Vac

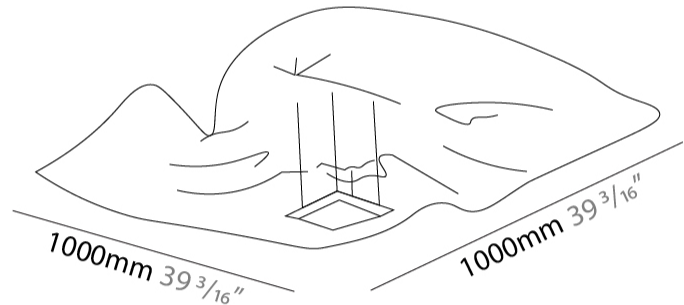
LED

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



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CRASH SURFACE

D132109-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
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GENERAL

Series: Crash
 Brand: Knikerboker
 Division: Design
 Mounting Type: Surface
 Mounting Location: Ceiling
 Subcategory: Pendant

PHYSICAL

Shape: Abstract
 Length (mm): 200
 Length (in): 7 ⁷/₈
 Width (mm): 200
 Width (in): 7 ⁷/₈
 Height (mm): 250
 Height (in): 9 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): 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

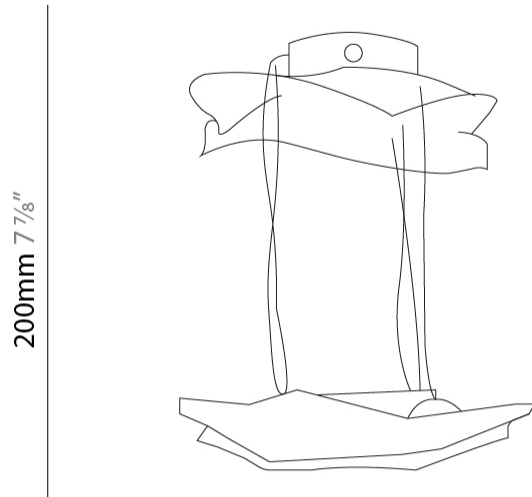
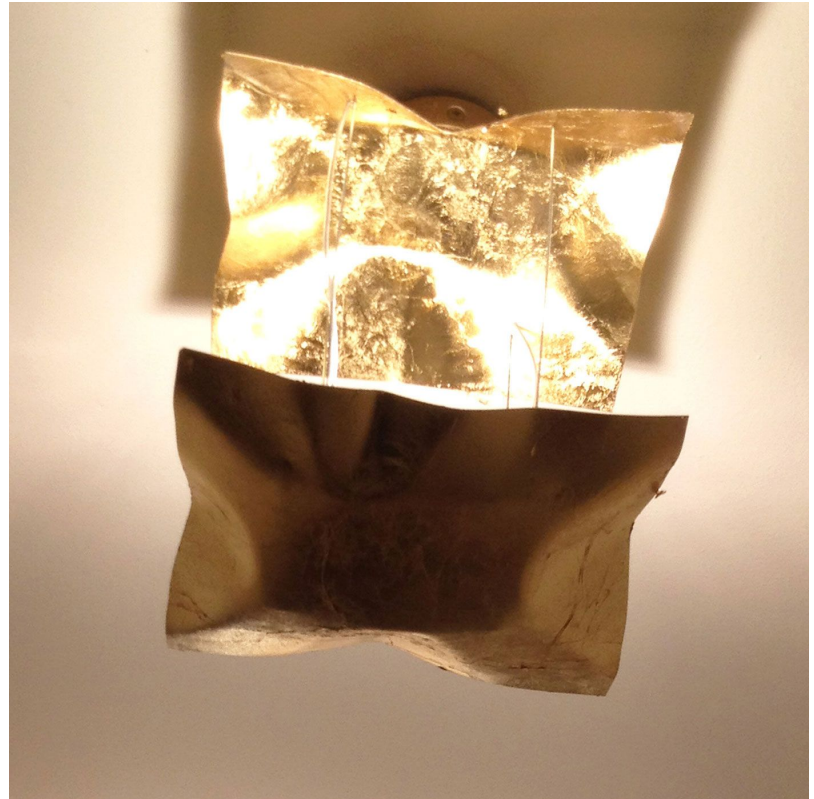
LED

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



200mm 7 ⁷/₈"

200mm 7 ⁷/₈"



CRASH SURFACE

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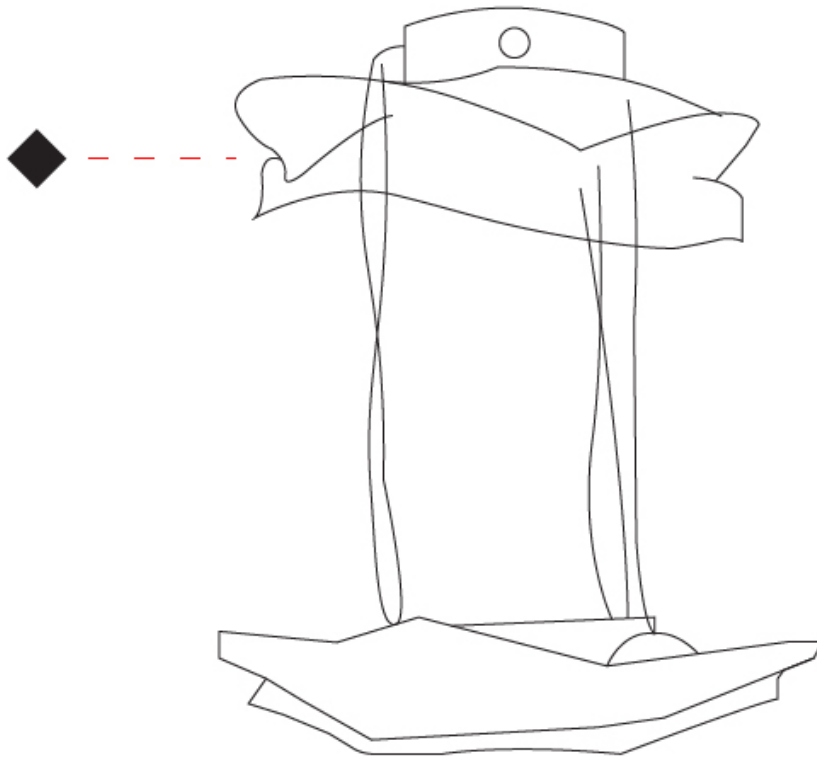
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



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CRASH SURFACE

D132139-

base number Finish
Options

- To build a product code in our configurator select the specify button on the base model # product page
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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: BFM / BRL / BRW / CLF / CLM / CLW / GLF / GLM / GLW / 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

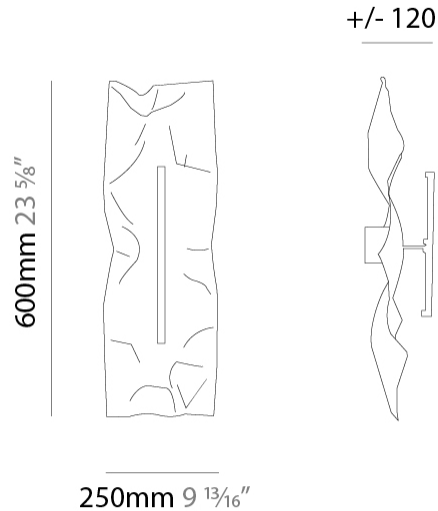
LED

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

OPTICAL

RATINGS AND CERTIFICATIONS

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



CRASH SURFACE

D132139-

PROJECT

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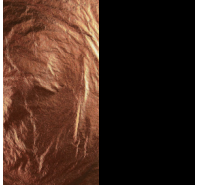


CRASH COLOR FINISH CHART

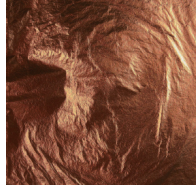
PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

Fixture Finish

Bronze Leaf/Matte Black - BFM



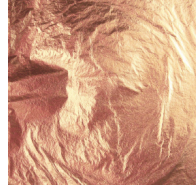
Bronze Leaf - BRL



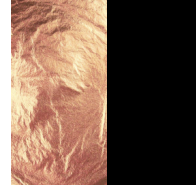
Bronze Leaf/White - BRW



Copper Leaf - CLF



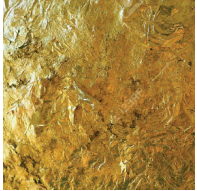
Copper Leaf/Matte Black - CLM



Copper Leaf/White CLW - CLW



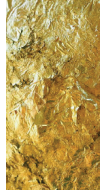
Gold Leaf - GLF



Gold Leaf/Matte Black - GLM



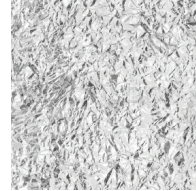
Gold Leaf/White - GLW



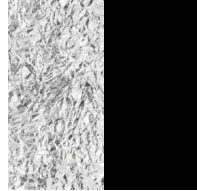
Matte Black - MBK



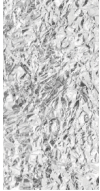
Silver Leaf - SLF



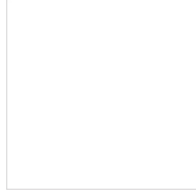
Silver Leaf/Matte Black - SLM



Silver Leaf/White - SLW



White - WHI



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.



LEGEND

 floor-mounted	 pivotable	 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)