

CRASH SURFACE

D132044-

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: Ambient _____

PHYSICAL

Shape: Abstract _____
Length (mm): 1000 _____
Length (in): 39 ³/₈ _____
Width (mm): 400 _____
Width (in): 15 ³/₄ _____
Height (mm): 240 _____
Height (in): 9 ⁷/₁₆ _____
Extension (mm): 250 _____
Extension (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

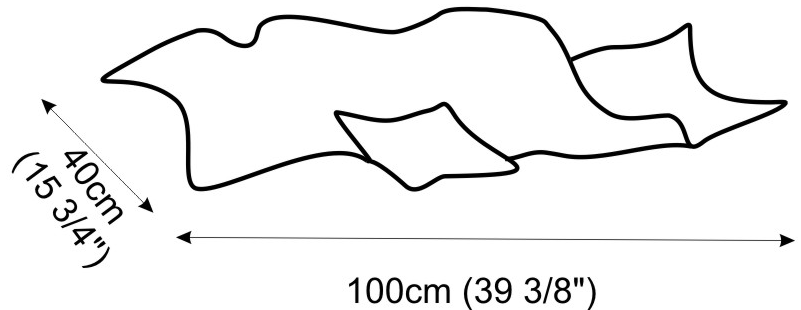
Lamp Type: LED _____
Input Wattage (W): 10.5 _____
Total Output Wattage (W): 10 _____
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming) _____
Driver Included: Yes _____
Driver Location: Integrated _____
Driver Type: Constant Current - Universal _____
Driver Class: Class 2 _____
Input Voltage (V): 120 - 277 _____
Constant Current (MA): 250 _____
Upon Request: 0-10Vdc dimming / Phase dimming @120Vac / 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 _____

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 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 _____

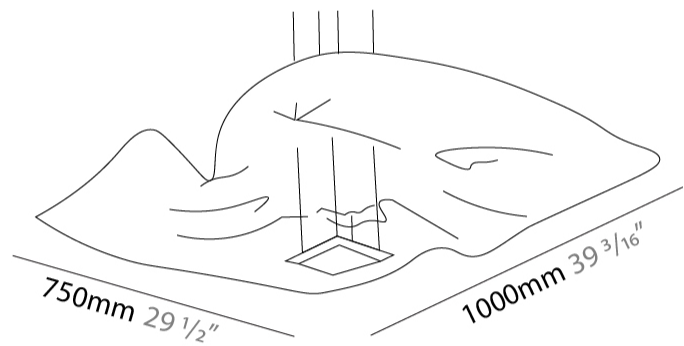
LED

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-

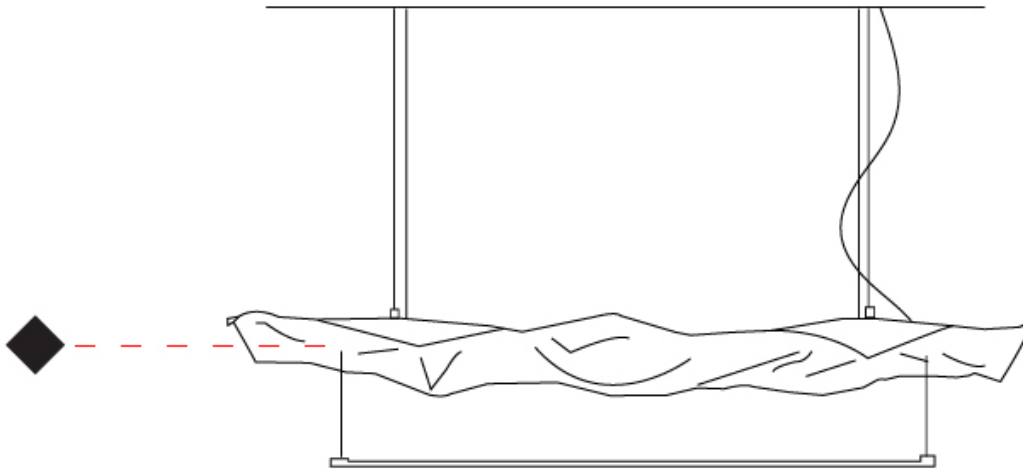
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



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|-----------|-------|
| PROJECT | _____ |
| TYPE | _____ |
| SPECIFIER | _____ |
| QUANTITY | _____ |
| DATE | _____ |

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
- 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 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

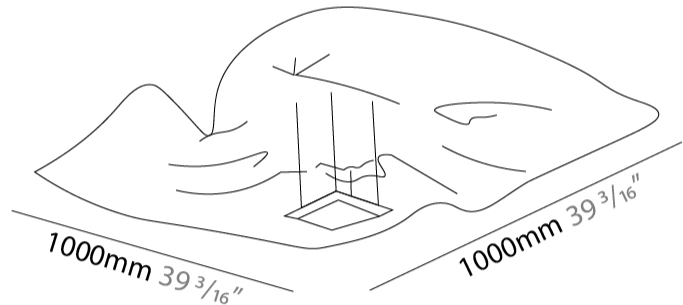
LED

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

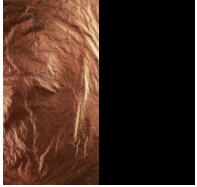


CRASH

COLOR FINISH CHART

Fixture Finish

Bronze Leaf/Matte Black - BFM



Bronze Leaf - BRL



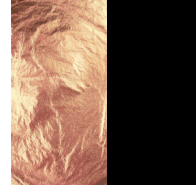
Bronze Leaf/White - BRW



Copper Leaf - CLF



Copper Leaf/Matte Black - CLM



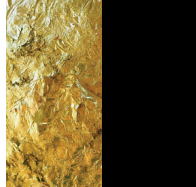
Copper Leaf/White CLW - CLW



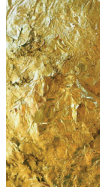
Gold Leaf - GLF



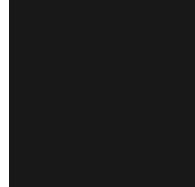
Gold Leaf/Matte Black - GLM



Gold Leaf/White - GLW



Matte Black - MBK



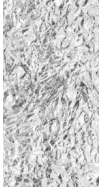
Silver Leaf - SLF



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.



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|-----------|--|
| PROJECT | |
| TYPE | |
| SPECIFIER | |
| QUANTITY | |
| DATE | |

LEGEND

| | | |
|---|--|--|
| floor-mounted | pivotal | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| wall and ceiling: recessed and surface mounted | rotating | warm dim / natural dimming LED |
| ceiling-mounted and wall-mounted | illuminate tilted | rechargeable battery powered |
| wall-mounted | color of suspension cable | fixture with natural vivid LED (upon request) |
| omni-directional light distribution | length of suspension cable | color rendering index |
| direct light distribution | reflector degree selection | color temperature |
| direct/indirect light distribution | super spot | lumen (luminous flux) |
| indirect light distribution | lens | efficacy (lumens per watt) |
| asymmetric light distribution | lens pack | Unified Glare Rating (UGR) range from 5-40 |
| aura light distribution | shine ring | marine grade (AISI 316 stainless steel) |
| round wall or ceiling cut-out | integrated shine ring with diffuser | walk on |
| square wall or ceiling cut-out | free individual colors 01-29 | drive on |
| the supplied jig specifies the cutout dimensions | individual colors: 00 (free of charge), 01-25 (extra charge) | Dark Sky Compliance |
| minimum distance (meters) lamp - object | luminaire part to be colored (F1) | Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor) |
| recessed depth | luminaire part to be colored (F2) | lamp protected against explosion |
| ceiling thickness in mm | luminaire part to be colored (F3) | blown glass using traditional methods by master glass blower |
| ceiling thickness selection | luminaire part to be colored (F4) | acoustic material |
| dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim) | luminaire part to be colored (F5) | protection class I, protection insulation |
| included or excluded LED driver/transformer/control gear | color of 3-circuit adaptor | protection class II, protection insulation |
| separately switchable | indirect diffuser | ETL Certified to UL and CSA Standards |
| sensor | direct diffuser | UL Certified to UL and CSA Standards |
| remote control | ball-proof (upon request) | CSA Certified to UL and CSA Standards |
| available upon request | accessory | Certified for North American Standards |

IP RATING

| | |
|------|--|
| IP20 | protected against ingress of solid bodies greater than 12.5mm (finger) |
| IP33 | protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP40 | protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture |
| IP43 | protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain) |
| IP44 | protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions |
| IP54 | protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions |
| IP65 | protected against ingress of dust protected against jets of water |
| IP66 | protected against ingress of dust protected against powerful jets of water or heavy seas |
| IP67 | protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes |
| IP68 | protected against ingress of dust protected against immersion of water under pressure for long periods |

IK RATING

| | |
|------|---|
| IK01 | protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface) |
| IK02 | protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface) |
| IK03 | protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface) |
| IK04 | protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface) |
| IK05 | protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface) |
| IK06 | protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface) |
| IK07 | protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) |
| IK08 | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| IK09 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) |