

## HUE SINGLE SUSPENSION

**D131002-** \_\_\_\_\_  
base number

- 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: HUE  
Subseries: Hue Single  
Brand: Knikerboker  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Ambient

### PHYSICAL

Shape: Abstract  
Diameter (mm): 36  
Diameter (in): 1 <sup>7</sup>/<sub>16</sub>  
Height (mm): 160  
Height (in): 6 <sup>5</sup>/<sub>16</sub>  
Max. Overall Height (mm): 1500  
Max. Overall Height (in): 59 <sup>1</sup>/<sub>16</sub>  
Light Distribution: Direct / Indirect  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal  
Cable Details: 1500mm Silicon Coaxial Cable

### ELECTRICAL

Lamp Type: LED  
Total Output Wattage (W): 1.5  
Dimming: Non-Dimmable  
Driver Included: Yes  
Driver Location: Integrated  
Driver Type: Constant Current - Universal  
Driver Class: Class 2  
Input Voltage (V): 120 - 277  
Constant Current (mA): 350  
Upon Request: (See components) Remote: Phase dimming 120Vac

### LED

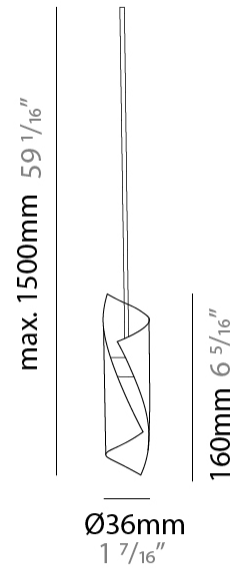
Number of LEDs: 1  
Color Temperature (°K): 3000  
Max. Delivered Lumen (lm): 150  
CRI: >80 CRI  
Lamp Life (hrs): 50000

### OPTICAL

#### RATINGS AND CERTIFICATIONS

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

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## HUE SINGLE SUSPENSION

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## HUE 10 SUSPENSION

**D131003-** \_\_\_\_\_  
base number

- 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: HUE  
Subseries: Hue 10  
Brand: Knikerboker  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Ambient

### PHYSICAL

Shape: Abstract  
Diameter (mm): 500  
Diameter (in): 19 11/16  
Height (mm): 160  
Height (in): 6 5/16  
Max. Overall Height (mm): 1500  
Max. Overall Height (in): 59 1/16  
Light Distribution: Direct / Indirect  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal  
Cable Details: Silicon Coaxial Cable

### ELECTRICAL

Lamp Type: LED  
Total Output Wattage (W): 15  
Dimming: Non-Dimming / Phase Dimming (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): 350

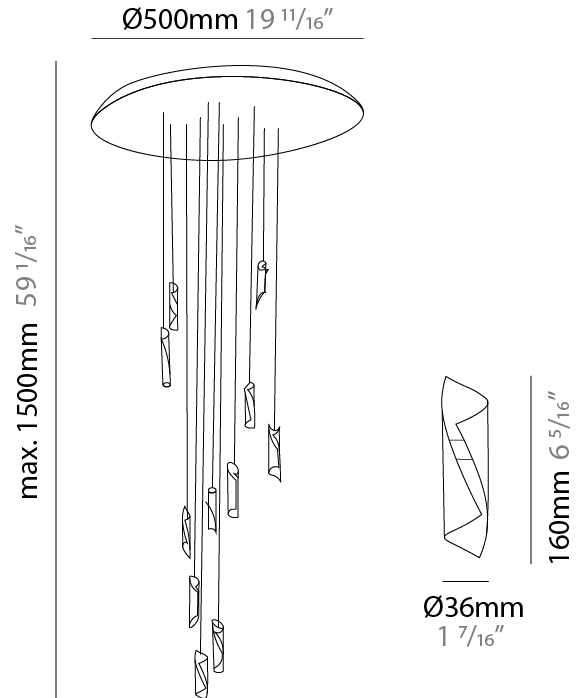
### LED

Number of LEDs: 10  
Color Temperature (°K): 3000  
Max. Delivered Lumen (lm): 1500  
CRI: >80 CRI  
Lamp Life (hrs): 50000

### OPTICAL

### RATINGS AND CERTIFICATIONS

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



## HUE 10 SUSPENSION

D131003-

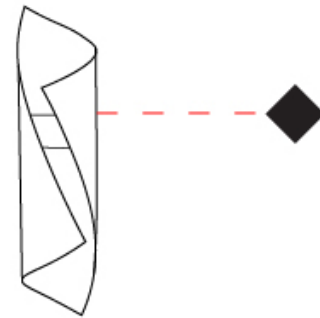
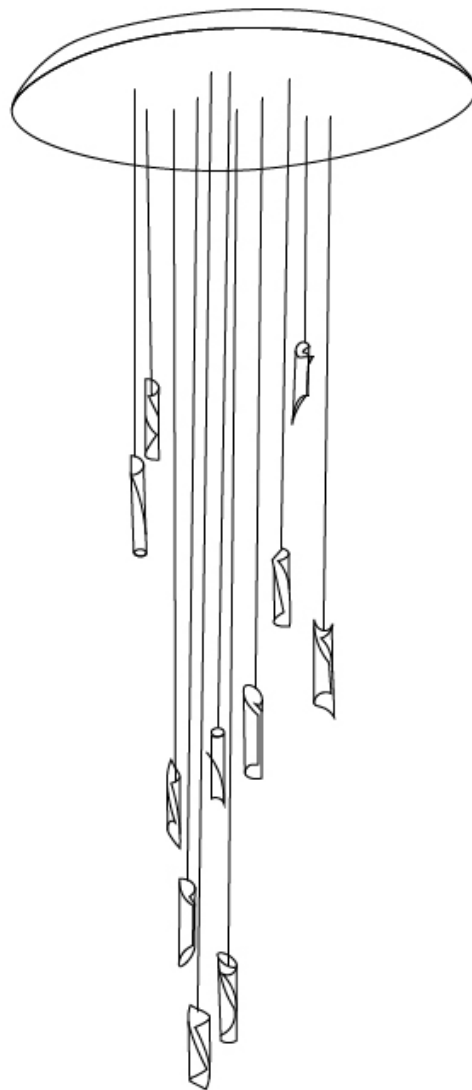
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## HUE 20 SUSPENSION

**D131004-** \_\_\_\_\_  
base number

- 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: HUE  
Subseries: Hue 20  
Brand: Knikerboker  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Ambient

### PHYSICAL

Shape: Abstract  
Diameter (mm): 700  
Diameter (in): 27 <sup>9</sup>/<sub>16</sub>"  
Height (mm): 160  
Height (in): 6 <sup>5</sup>/<sub>16</sub>"  
Max. Overall Height (mm): 1500  
Max. Overall Height (in): 59 <sup>1</sup>/<sub>16</sub>"  
Light Distribution: Direct / Indirect  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal  
Cable Details: Silicon Coaxial Cable

### ELECTRICAL

Lamp Type: LED  
Total Output Wattage (W): 30  
Dimming: Phase Dimming (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): 350  
Upon Request: Phase dimming @120Vac only / Non-dimming 277Vac

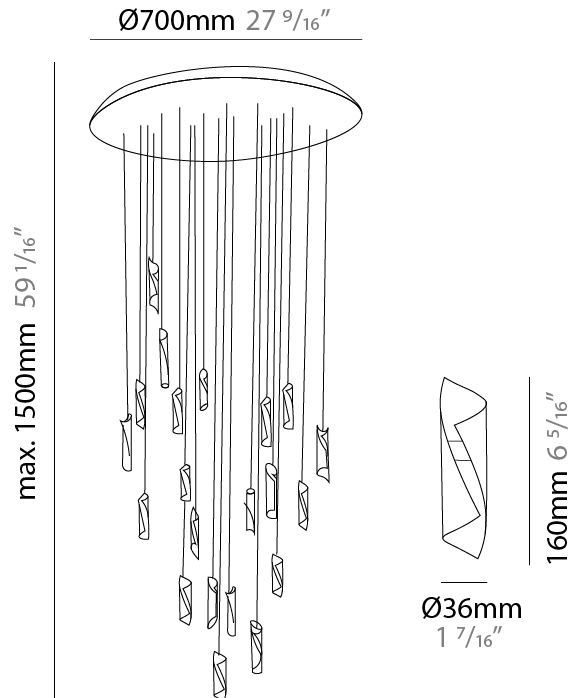
### LED

Number of LEDs: 20  
Color Temperature (°K): 3000  
Max. Delivered Lumen (lm): 3000  
CRI: >80 CRI  
Lamp Life (hrs): 50000

### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



## HUE 20 SUSPENSION

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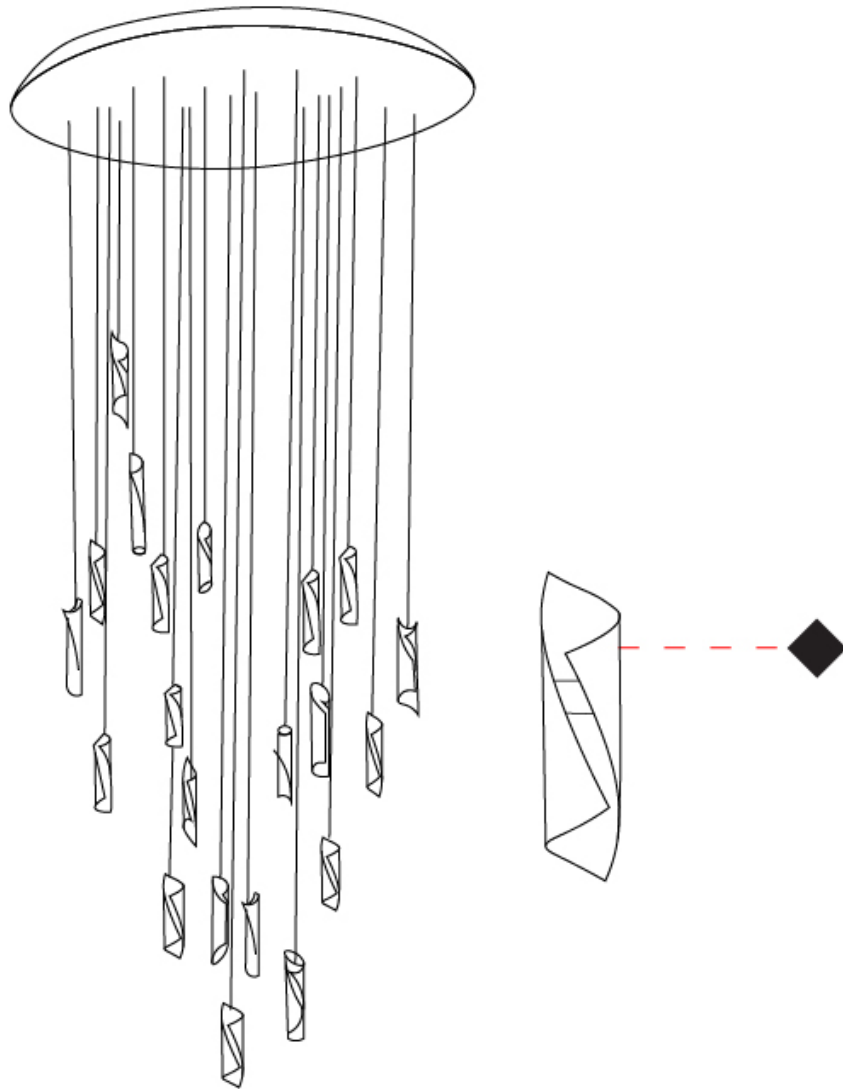
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## HUE 30 SUSPENSION

**D131005-** \_\_\_\_\_  
base number

- 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: HUE  
Subseries: Hue 30  
Brand: Knikerboker  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Ambient

### PHYSICAL

Shape: Abstract  
Diameter (mm): 900  
Diameter (in): 35 7/16  
Height (mm): 160  
Height (in): 6 5/16  
Max. Overall Height (mm): 1500  
Max. Overall Height (in): 59 1/16  
Light Distribution: Direct / Indirect  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal  
Cable Details: Silicon Coaxial Cable

### ELECTRICAL

Lamp Type: LED  
Total Output Wattage (W): 45  
Dimming: Phase Dimming (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): 350  
Upon Request: Phase dimming @120Vac only / Non-dimming 277Vac

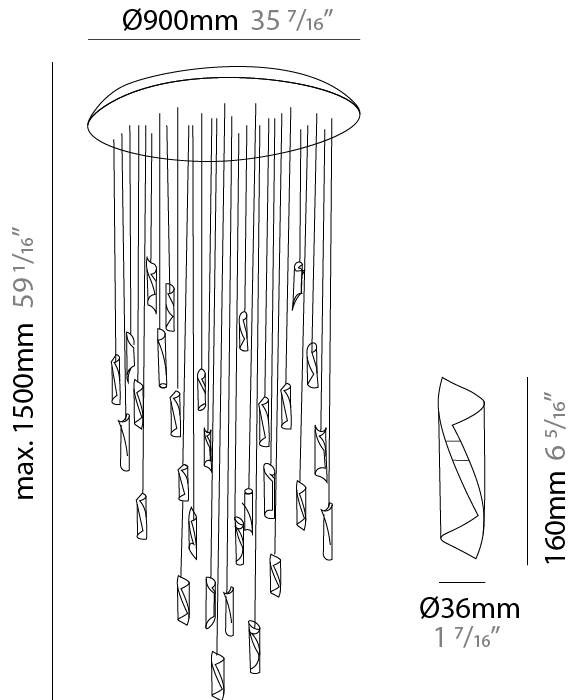
### LED

Number of LEDs: 30  
Color Temperature (°K): 3000  
Max. Delivered Lumen (lm): 4500  
CRI: >80 CRI  
Lamp Life (hrs): 50000

### OPTICAL

#### RATINGS AND CERTIFICATIONS

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



## HUE 30 SUSPENSION

D131005-

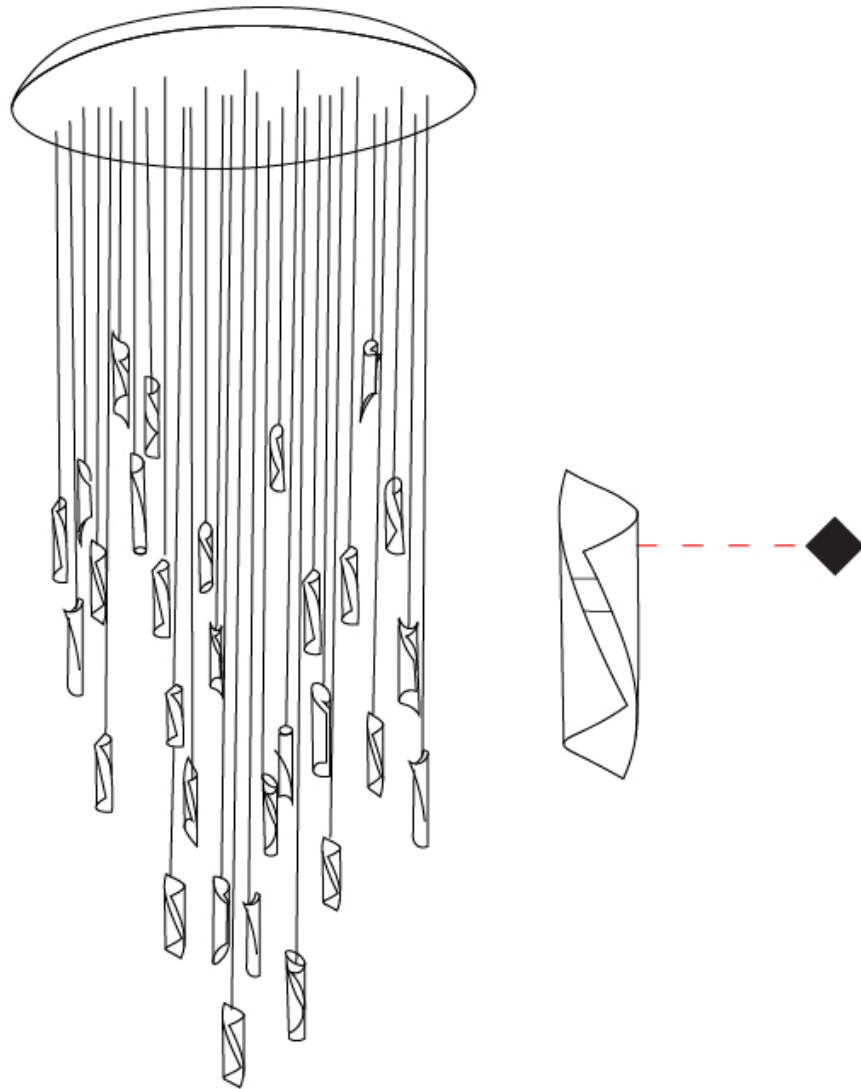
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## HUE SUSPENSION

**D131006-** \_\_\_\_\_  
base number

- 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: HUE  
 Brand: Knikerboker  
 Division: Design  
 Mounting Type: Suspension  
 Mounting Location: Ceiling  
 Subcategory: Pendant

### PHYSICAL

Shape: Abstract  
 Diameter (mm): 80  
 Diameter (in): 3 1/8  
 Height (mm): 370  
 Height (in): 14 9/16  
 Max. Overall Height (mm): 2520  
 Max. Overall Height (in): 99 3/16  
 Light Distribution: Direct / Indirect  
 Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
 Fixture Material: Metal  
 Cable Details: 1 Silicone Cable 2000mm / 78 3/4"

### ELECTRICAL

Number of Lamps: 1  
 Lamp Type: LED Retrofit  
 Lamp Shape: MR16  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 6.5  
 Lamp Base: GU10  
 Input Voltage (V): 120

### LED

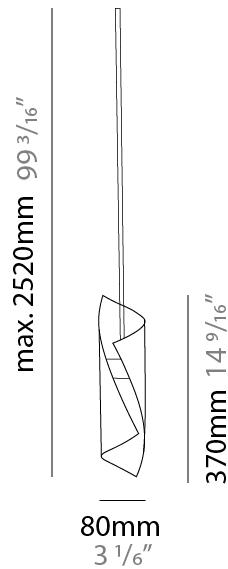
### OPTICAL

Optic°: 25

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
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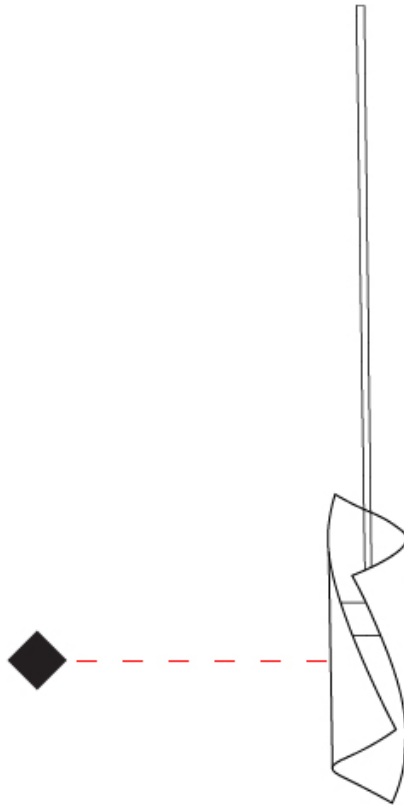
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## HUE SUSPENSION

**D131012-** \_\_\_\_\_  
base number

- 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: HUE  
Brand: Knikerboker  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Pendant

### PHYSICAL

Shape: Abstract  
Diameter (mm): 120  
Diameter (in): 4 3/4  
Height (mm): 540  
Height (in): 21 1/4  
Max. Overall Height (mm): 2750  
Max. Overall Height (in): 108 1/4  
Light Distribution: Direct / Indirect / Downlight  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal  
Cable Details: 1 Silicone Cable 2000mm / 78 3/4"

### ELECTRICAL

Number of Lamps: 2  
Lamp Type: LED Retrofit  
Lamp Shape: MR16  
Bulb Included: Bulb Not Included  
Max. Wattage Per Lamp (W): 6.5  
Lamp Base: GU10  
Input Voltage (V): 120

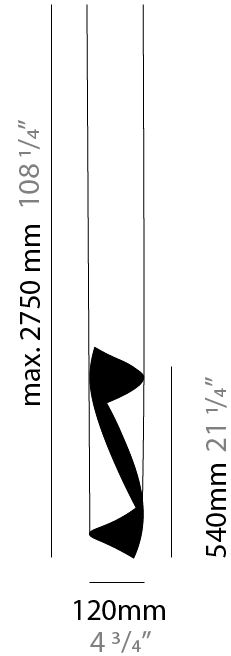
### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards  
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## HUE SUSPENSION

D131012-

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## HUE SUSPENSION

**D131018-** \_\_\_\_\_  
base number

- 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: HUE  
Brand: Knikerboker  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Pendant

### PHYSICAL

Shape: Abstract  
Diameter (mm): 120  
Diameter (in): 4 3/4  
Height (mm): 1100  
Height (in): 43 5/16  
Max. Overall Height (mm): 2750  
Max. Overall Height (in): 108 3/4  
Light Distribution: Direct / Indirect  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal  
Cable Details: 1 Silicone Cable 2000mm / 78 3/4"

### ELECTRICAL

Number of Lamps: 4  
Lamp Type: LED Retrofit  
Lamp Shape: MR16  
Bulb Included: Bulb Not Included  
Max. Wattage Per Lamp (W): 6.5  
Lamp Base: GU10  
Input Voltage (V): 120

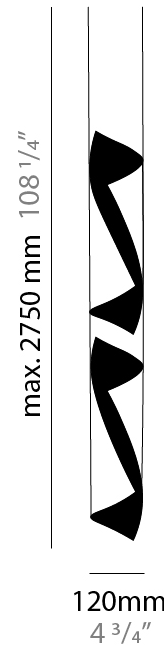
### LED

### OPTICAL

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Certified By: Certified for North American Standards  
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## HUE SUSPENSION

D131018-

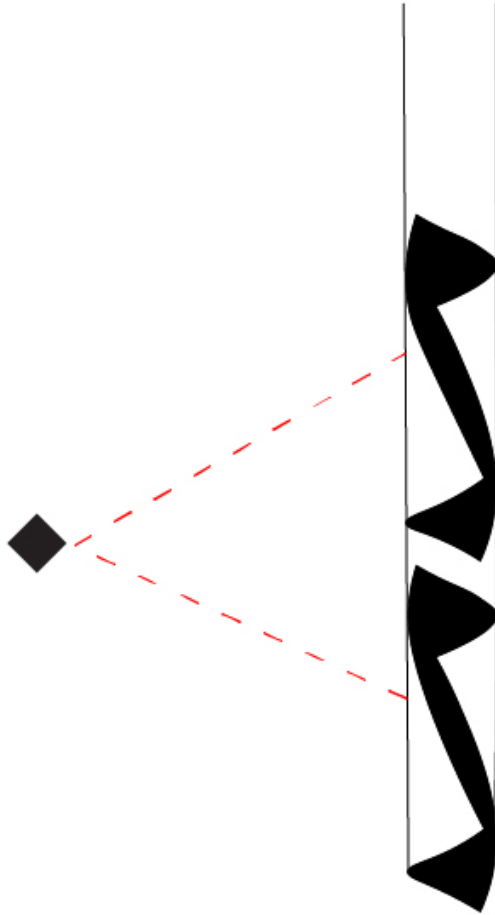
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## HUE SUSPENSION

**D131024-** \_\_\_\_\_  
base number

- 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: HUE  
 Brand: Knikerboker  
 Division: Design  
 Mounting Type: Suspension  
 Mounting Location: Ceiling  
 Subcategory: Pendant

### PHYSICAL

Shape: Abstract  
 Diameter (mm): 120  
 Diameter (in): 4 3/4  
 Height (mm): 1620  
 Height (in): 63 3/4  
 Max. Overall Height (mm): 2750  
 Max. Overall Height (in): 108 1/4  
 Light Distribution: Direct / Indirect  
 Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
 Fixture Material: Metal  
 Cable Details: 1 Silicone Cable 2000mm / 78 3/4"

### ELECTRICAL

Number of Lamps: 6  
 Lamp Type: LED Retrofit  
 Lamp Shape: MR16  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 6.5  
 Lamp Base: GU10  
 Input Voltage (V): 120

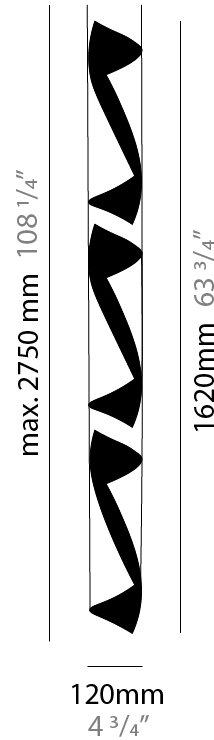
### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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

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## HUE SUSPENSION

D131024-

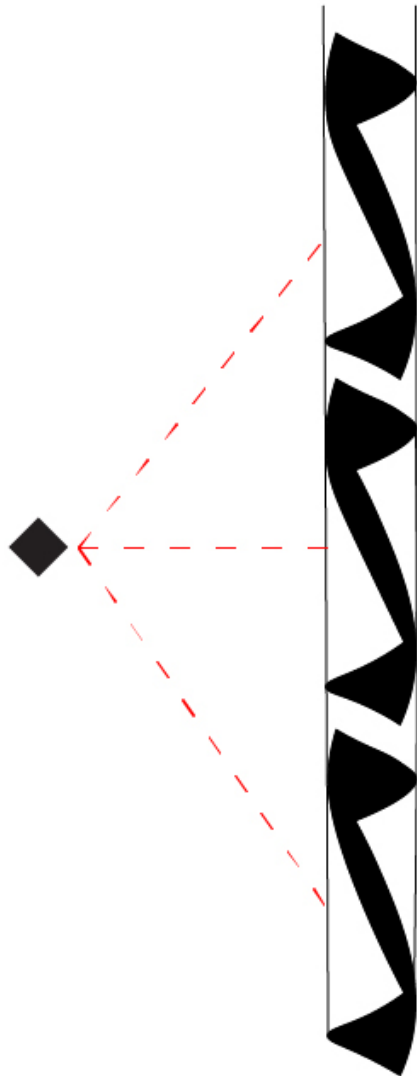
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## HUE SUSPENSION

**D131107-** \_\_\_\_\_  
base number

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

Series: HUE  
 Brand: Knikerboker  
 Division: Design  
 Mounting Type: Suspension  
 Mounting Location: Ceiling  
 Subcategory: Pendant

### PHYSICAL

Shape: Abstract  
 Diameter (mm): 160  
 Diameter (in): 6 <sup>5</sup>/<sub>16</sub>  
 Height (mm): 1350  
 Height (in): 53 <sup>1</sup>/<sub>8</sub>  
 Max. Overall Height (mm): 3700  
 Max. Overall Height (in): 145 <sup>11</sup>/<sub>16</sub>  
 Light Distribution: Direct / Indirect  
 Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
 Fixture Material: Metal  
 Cable Details: 2 Silicone Cable 2000mm / 78 3/4"

### ELECTRICAL

Number of Lamps: 4  
 Lamp Type: LED Retrofit  
 Bulb Included: Bulb Not Included  
 Max. Wattage Per Lamp (W): 4.5  
 Lamp Base: E26  
 Input Voltage (V): 120  
 Upon Request: 277Vac / GU10

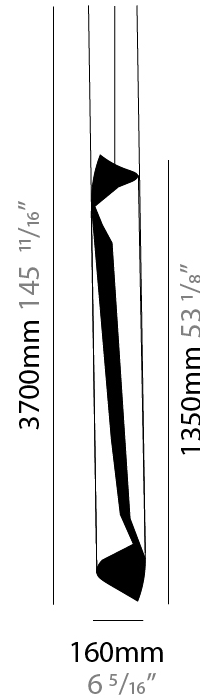
### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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

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## HUE SUSPENSION

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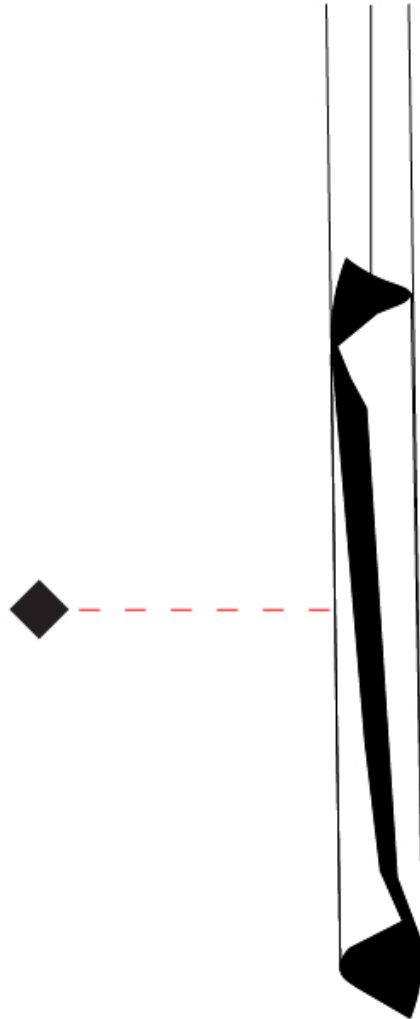
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## HUE SUSPENSION

**D131213-** \_\_\_\_\_  
base number

- 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: HUE  
Brand: Knikerboker  
Division: Design  
Mounting Type: Suspension  
Mounting Location: Ceiling  
Subcategory: Pendant

### PHYSICAL

Shape: Abstract  
Diameter (mm): 160  
Diameter (in):  $6 \frac{5}{16}$   
Height (mm): 1350  
Height (in):  $53 \frac{1}{8}$   
Max. Overall Height (mm): 3700  
Max. Overall Height (in):  $145 \frac{11}{16}$   
Light Distribution: Direct / Indirect  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal  
Cable Details: 1 Silicone Cable 2000mm / 78 3/4"

### ELECTRICAL

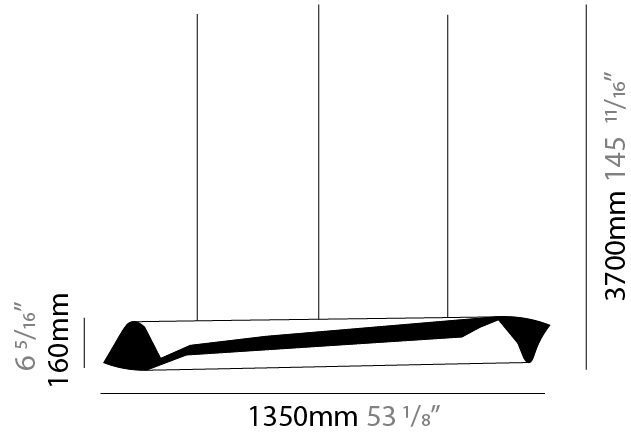
Number of Lamps: 4  
Lamp Type: LED Retrofit  
Bulb Included: Bulb Not Included  
Max. Wattage Per Lamp (W): 4.5  
Lamp Base: E26  
Input Voltage (V): 120  
Upon Request: 277Vac / GU10

### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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



D131213-

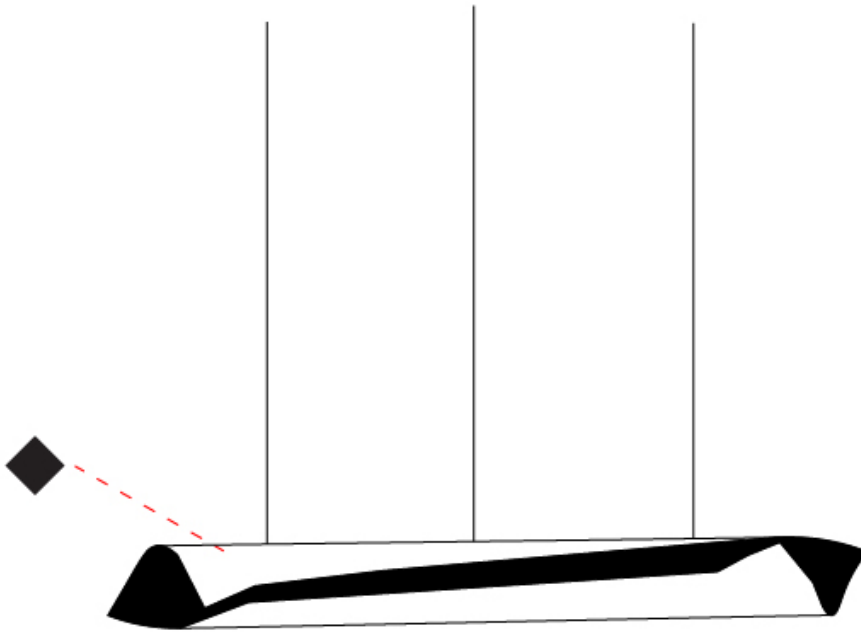
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## HUE SURFACE

**D132003-** \_\_\_\_\_  
base number

- 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: HUE  
Brand: Knikerboker  
Division: Design  
Mounting Type: Surface  
Mounting Location: Ceiling  
Subcategory: Downlight

### PHYSICAL

Shape: Cylinder  
Diameter (mm): 80  
Diameter (in): 3 1/8  
Height (mm): 150  
Height (in): 5 7/8  
Light Distribution: Direct  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal

### ELECTRICAL

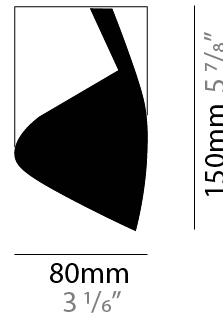
Number of Lamps: 1  
Lamp Type: LED Retrofit  
Lamp Shape: MR16  
Bulb Included: Bulb Not Included  
Max. Wattage Per Lamp (W): 8  
Lamp Base: GU10  
Input Voltage (V): 120

### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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



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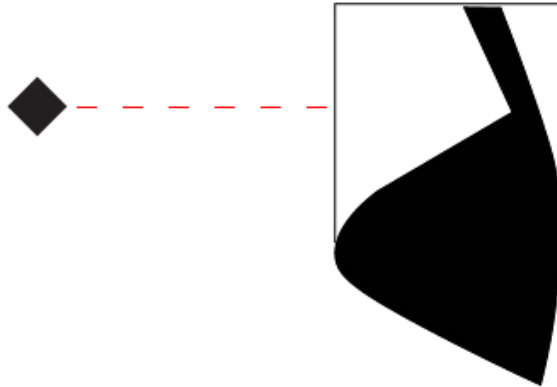
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## HUE SURFACE

**D132009-** \_\_\_\_\_  
base number

- 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: HUE  
Brand: Knikerboker  
Division: Design  
Mounting Type: Surface  
Mounting Location: Ceiling  
Subcategory: Downlight

### PHYSICAL

Shape: Cylinder  
Diameter (mm): 120  
Diameter (in): 4 3/4  
Height (mm): 210  
Height (in): 8 1/4  
Light Distribution: Direct  
Fixture Finish: EWH / EBK / MAN / COF / PRD / SLF / GLF / CLF / BRL / EWS / EWG / EWC / EWR / EBS / EBG / EBC / EBC / EBB / MAS / MAD / MAC / MAB / COS / CGO / CCL / CBL / PRS / PRG / PRC / PRB  
Fixture Material: Metal

### ELECTRICAL

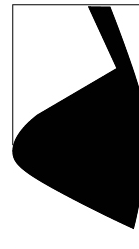
Number of Lamps: 1  
Lamp Type: LED Retrofit  
Lamp Shape: MR16  
Bulb Included: Bulb Not Included  
Max. Wattage Per Lamp (W): 8  
Lamp Base: GU10  
Input Voltage (V): 120

### LED

### OPTICAL

### RATINGS AND CERTIFICATIONS

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



210mm 8 1/4"

120mm  
4 3/4"



D132009-

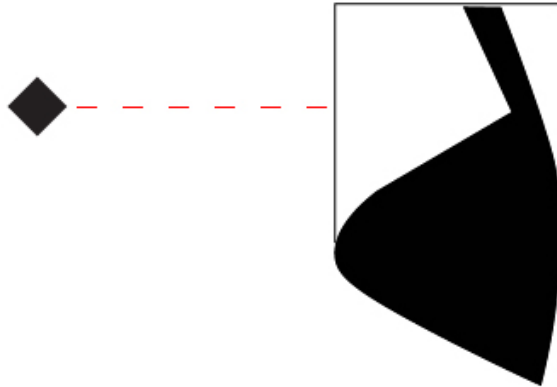
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## HUE

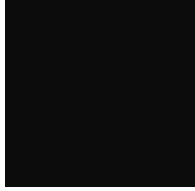
### COLOR FINISH CHART

#### Fixture Finish

Embossed White - EWH



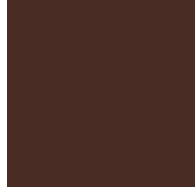
Embossed Black - EBK



Metallic Anthracite - MAN



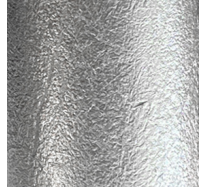
Coffee - COF



Purple Red - PRD



Silver Leaf - SLF



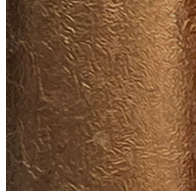
Gold Leaf - GLF



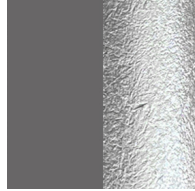
Copper Leaf - CLF



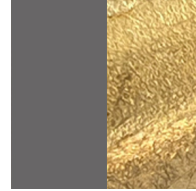
Bronze Leaf - BRL



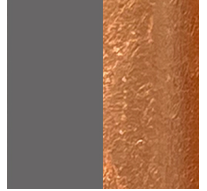
Metallic Anthracite / Silver Leaf - MAS



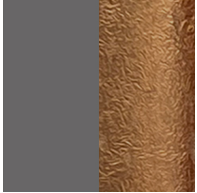
Metallic Anthracite / Gold Leaf - MAD



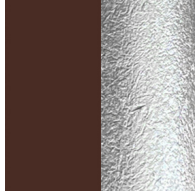
Metallic Anthracite / Copper Leaf - MAC



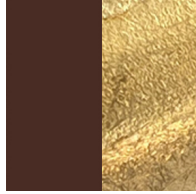
Metallic Anthracite / Bronze Leaf - MAB



Coffee / Silver Leaf - COS



Coffee / Gold Leaf - CGO



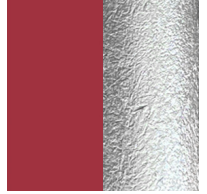
Coffee / Copper Leaf - CCL



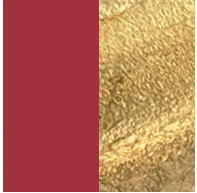
Coffee / Bronze Leaf - CBL



Purple Red / Silver Leaf - PRS



Purple Red / Gold Leaf - PRG



Purple Red / Copper Leaf - PRC



Purple Red / Bronze Leaf - PRB



**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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### 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

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

### IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)