# **ZANEEN**<sub>®</sub>

### **HILOW SUSPENSION**

#### D81701-

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

ries: Hilow	
and: Panzeri	
vision: Design	
ounting Type: Suspension	
ounting Location: Ceiling	
bcategory: Pendant	
IYSICAL	
ape: Abstract	
ngth (mm): 1130	
ngth (in): 44 ½	
dth (mm): 820	
dth (in): 32 <sup>5</sup> / <sub>16</sub>	
eight (mm): 70	
ight (in): 2 ¾	
ax. Overall Height (mm): 5070	
ax. Overall Height (in): 199 ⅛	
ght Distribution: Direct / Indirect	
eight (kg): 2.80	
ffuser: Polycarbonate - Opal	
xture Finish: WHI / MBK / BRZ / MBR / TIM	
xture Material: Metal	
ble Details: Reversible suspension kit with grip locks and 50 96.9") long steel cables; 5000mm / 196 7/8" transparent PV0 ble.	
ECTRICAL	
mp Type: LED	
put Wattage (W): 72.74	
tal Output Wattage (W): 60.75	
mming: Non-Dimmable / 0-10V Dimming	

Dimming: Non-Dimmable / 0-100 Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Upon Request: Remote: Phase dimming 120Vac
IED

#### LED

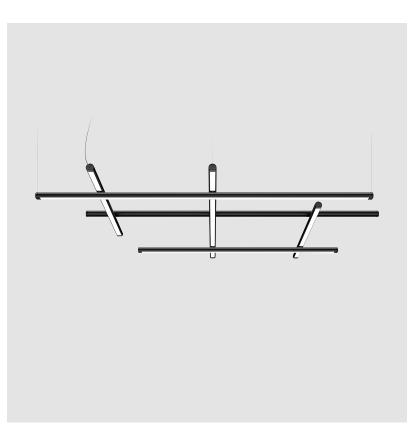
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 5045	
Nominal Lumen (lm): 9072	
CRI: >90 CRI	
Lamp Life (hrs): 60000	

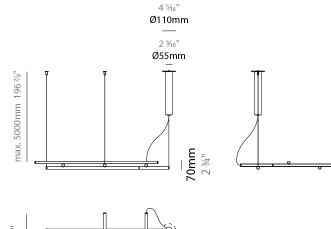
#### OPTICAL

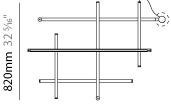
#### **RATINGS AND CERTIFICATIONS**

(	Certified By: Certified for North American Standards
ļ	P rating: IP20

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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

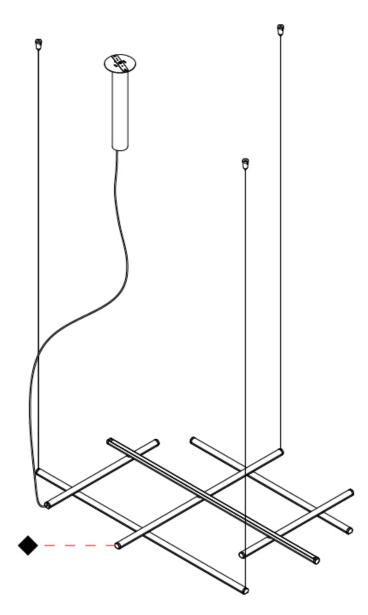


**HILOW SUSPENSION** 

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# **ZANEEN**<sub>®</sub>

### **HILOW SUSPENSION**

#### D81702-

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: Hilow	
Brand: Panzeri	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Abstract	
Length (mm): 1130	
Length (in): 44 <sup>1</sup> / <sub>2</sub>	
Width (mm): 820	
Width (in): 32 <sup>5</sup> / <sub>16</sub>	
Height (mm): 70	
Height (in): $2\frac{3}{4}$	
Max. Overall Height (mm): 5070	
Max. Overall Height (in): 199 %	
Light Distribution: Direct / Indirect	
Weight (kg): 2.80	
Weight (lbs): 6.17	
Diffuser: Polycarbonate - Black Screen	
Fixture Finish: WHI / MBK / BRZ / MBR / TIM	
Fixture Material: Metal	
Cable Details: Reversible suspension kit with grip locks and 5000mm (196.9") long steel cables; 5000mm / 196 7/8" transparent PVC power cable.	
ELECTRICAL	
Lamp Type: LED	
Input Wattage (W): 72.74	
Total Output Wattage (W): 60.75	
Dimming: Non-Dimmable / 0-10V Dimming	
Driver Included: Yes	
Driver Location: Integrated	
Driver Type: Constant Voltage - Universal	

Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Output Voltage (V): 24	
Upon Request: Remote: Phase dimming 120Vac	

#### LED

Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 2118	
Nominal Lumen (lm): 9072	
CRI: >90 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

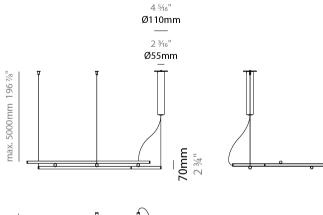
#### **RATINGS AND CERTIFICATIONS**

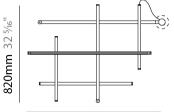
Certified By: Certified for North American Standards
IP rating: IP20

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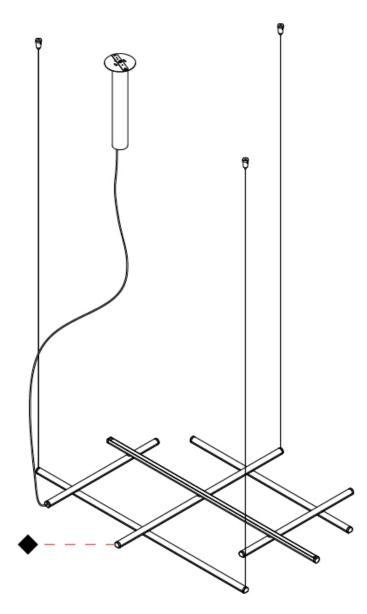


**HILOW SUSPENSION** 

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### **HILOW SURFACE**

#### D82353-

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

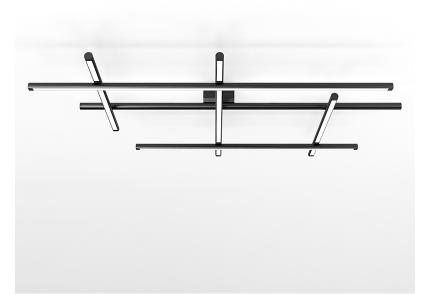
Series: Hilow
Brand: Panzeri
Division: Design
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Abstract
Length (mm): 1130
Length (in): 44 $\frac{1}{2}$
Width (mm): 820
Width (in): 32 <sup>5</sup> / <sub>16</sub>
Height (mm): 130
Height (in): $5\frac{1}{8}$
Light Distribution: Direct / Indirect
Weight (kg): 2.97
Weight (lbs): 6.55
Diffuser: Polycarbonate - Opal
Fixture Finish: WHI / MBK / BRZ / MBR / TIM
Fixture Material: Metal
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 72.74
Total Output Wattage (W): 60.75
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Upon Request: Remote: Phase dimming 120Vac
LED
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 5045
Naminal Luman (Im): 0072

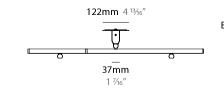
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 5045	
Nominal Lumen (lm): 9072	
CRI: >90 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

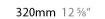
Certified By: Certified for North American Standards
IP rating: IP20

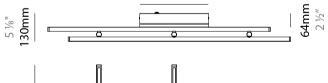
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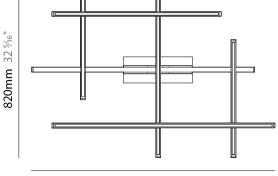




Backplate not required with a remote driver







1130mm 44 ½"

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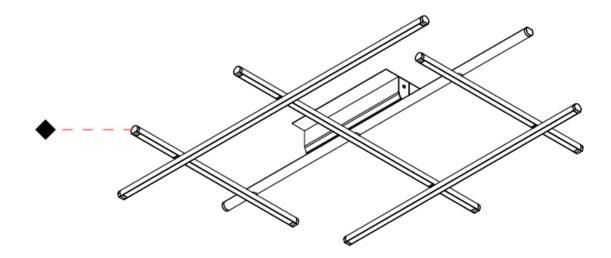


**HILOW SURFACE** 

D82353-

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# HILOW

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TYPE			
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#### **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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# ZANEEN.

## HILOW

PROJECT

TYPE

SPECIFIER

QUANTITY DATE

LEGEND

		_			
<u>↓</u>	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	C	rotating	0	warm dim / natural dimming LED
$\uparrow$	ceiling-mounted and wall-mounted	¥	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	<b>1</b>	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	€К)	color temperature
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
$\mathbf{\mathbf{x}}$	indirect light distribution	Å	lens	₩.	efficacy (lumens per watt)
	asymmetric light distribution	Ì	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	-	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	۲	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29		drive on
d d	the supplied jig specifies the cutout dimensions	í.	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
(] <b>+</b> +	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
1	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
<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
<b>•</b>	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
	remote control	$\odot$	ball-proof (upon request)	۹.	CSA Certified to UL and CSA Standards
2	available upon request	0	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**

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)
К10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)