# **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

Series: Hilow	
Brand: Panzeri	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

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.

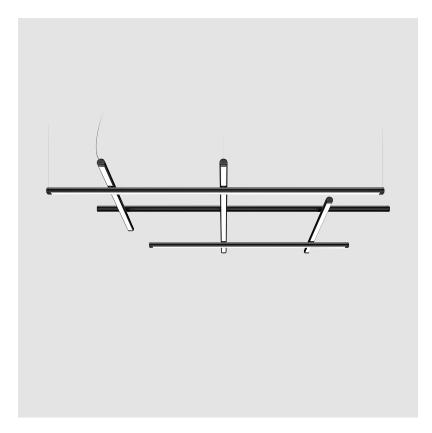
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 72.74
Total Output Wattage (W): 60.75
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Upon Request: Remote: Phase dimming 120Vac
LED

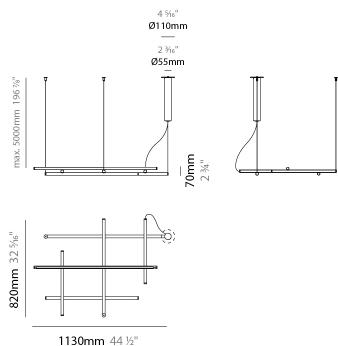
-
LED
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 5045
Nominal Lumen (lm): 9072
CRI: >90 CRI
Lamp Life (hrs): 60000

#### **OPTICAL**

#### **RATINGS AND CERTIFICATIONS**

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



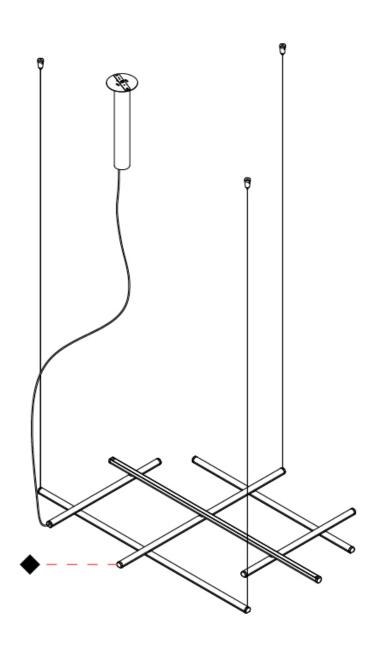






# **HILOW SUSPENSION**

D81701-





# **HILOW SUSPENSION**

### D81702-

base number

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: Hilow	
Brand: Panzeri	
Division: Design	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Abstract
Length (mm): 1130
Length (in): 44 ½
Width (mm): 820
Width (in): 32 <sup>5</sup> / <sub>16</sub>
Height (mm): 70
Height (in): 2 <sup>3</sup> / <sub>4</sub>
Max. Overall Height (mm): 5070
Max. Overall Height (in): 199 ⅓
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

#### FI FCTRICAL

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

(196.9") long steel cables; 5000mm / 196 7/8" transparent PVC power

#### LED

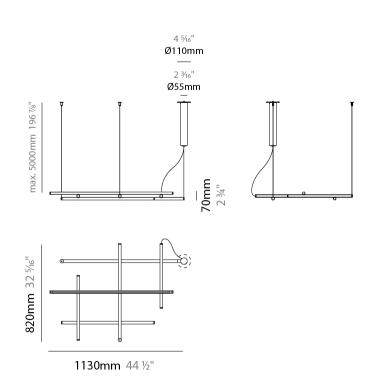
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 2118
Nominal Lumen (lm): 9072
CRI: >90 CRI
Lamp Life (hrs): 60000

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

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





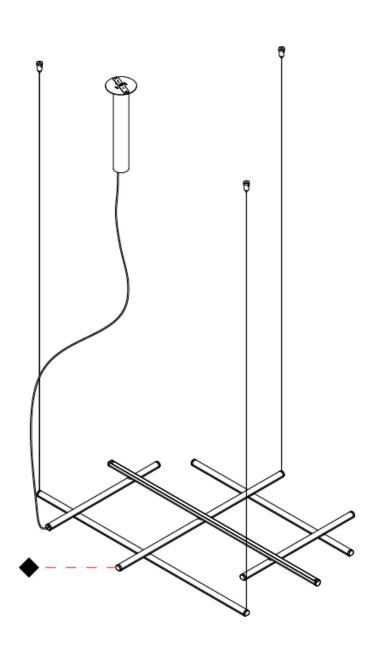




# **HILOW SUSPENSION**

D81702-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	_





# **HILOW SURFACE**

### D82353-

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: Hilow	
Brand: Panzeri	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Pendant	

Subcategory, Feridant	
PHYSICAL	
Shape: Abstract	
Length (mm): 1130	
Length (in): 44 ½	
Width (mm): 820	
Width (in): 32 <sup>5</sup> / <sub>16</sub>	
Height (mm): 130	
Height (in): 5 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	
EI ECTDICAI	

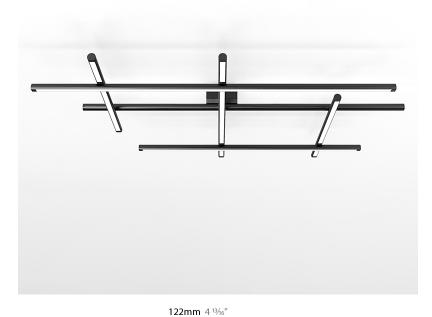
ELECTRICAL
Lamp Type: LED
Input Wattage (W): 72.74
Total Output Wattage (W): 60.75
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Output Voltage (V): 24
Upon Request: Remote: Phase dimming 120Vac
LED
C. I. T (01/) 0700

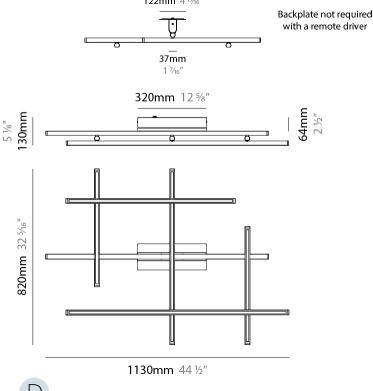
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 5045	
Nominal Lumen (lm): 9072	
CRI: >90 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

#### RATINGS AND CERTIFICATIONS

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





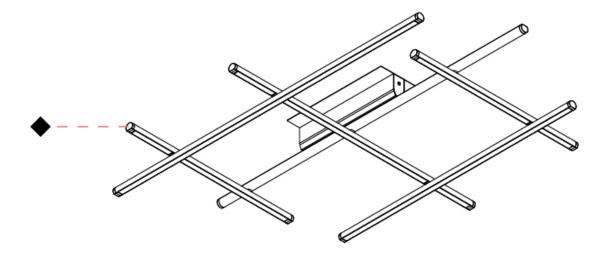




# **HILOW SURFACE**

D82353-

PROJECT	
TYPE	-
SPECIFIER	_
QUANTITY	-
DATE	-





# **HILOW SURFACE**

### D82354-

base number

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: Hilow	
Brand: Panzeri	
Division: Design	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Up/Down Light	

PHYSICAL
Shape: Abstract
Length (mm): 1130
Length (in): 44 ½
Width (mm): 820
Width (in): 32 <sup>5</sup> / <sub>16</sub>
Height (mm): 130
Height (in): 5 1/8
Light Distribution: Direct / Indirect
Weight (kg): 2.97
Weight (lbs): 6.55
Diffuser: Polycarbonate - Black Screen
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

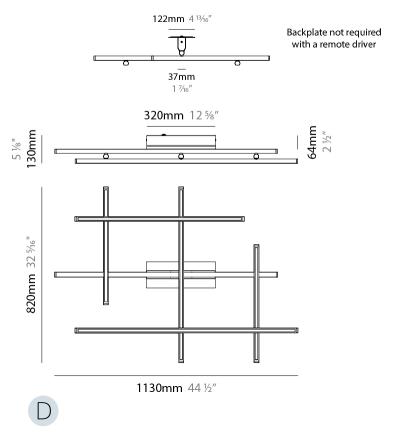
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 2118	
Nominal Lumen (lm): 9072	
CRI: >90 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





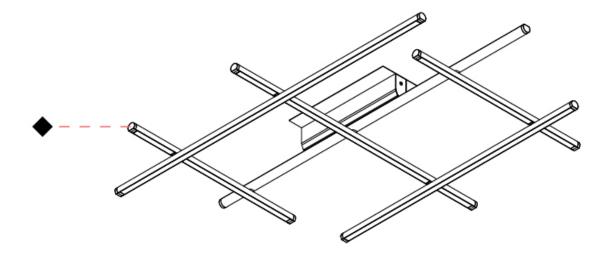




# **HILOW SURFACE**

D82354-

PROJECT	
TYPE	-
SPECIFIER	_
QUANTITY	-
DATE	-





# **HILOW SURFACE**

### D83347-

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: Hilow	
Brand: Panzeri	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Up/Down Light	

Subcategory. Op/Down Light
PHYSICAL
Shape: Abstract
Length (mm): 1130
Length (in): 44 ½
Width (mm): 820
Width (in): 32 <sup>5</sup> / <sub>16</sub>
Height (mm): 130
Height (in): 5 ½
Light Distribution: Direct / Indirect
Weight (kg): 2.97
Weight (lbs): 6.55
Diffuser: Polycarbonate - Black Screen
Fixture Finish: WHI / MBK / BRZ / MBR / TIM
Fixture Material: Metal

#### **ELECTRICAL**

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

#### LED

===	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 3812	
Nominal Lumen (lm): 8064	
CRI: >90 CRI	
Lamp Life (hrs): 60000	

#### OPTICAL

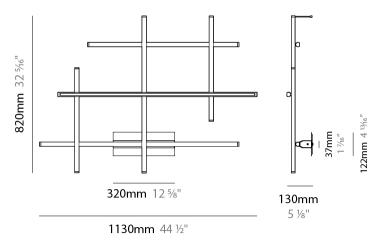
#### **RATINGS AND CERTIFICATIONS**

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



Backplate not required with a remote driver



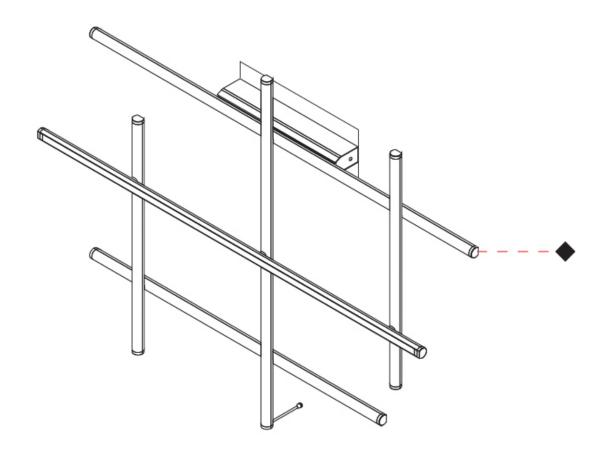




# **HILOW SURFACE**

D83347-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		







#### D83449-

base number

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: Hilow	
Subseries: Hilow Line	
Brand: Panzeri	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wall Effect	

Mounting Location: Wall
Subcategory: Wall Effect
PHYSICAL
Shape: Abstract
Length (mm): 23
Length (in): 7/8
Height (mm): 1000
Height (in): 39 3/8
Extension (mm): 80
Extension (in): 3 1/8
Light Distribution: Indirect
Diffuser: Diffused
Fixture Finish: WHI / MBK / BRZ / MBR / TIM
Fixture Material: Aluminum Die Cast

#### **ELECTRICAL**

LLLOTRIOTL
Lamp Type: LED
Input Wattage (W): 17
Dimming: Non-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: 0-10V

#### LED

LED	
Number of LEDs: 1	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 1018	
Nominal Lumen (lm): 1512	
CRI: >90 CRI	
Efficiency (%): 67.3	
Efficacy (lm/w): 58.88	
Lamp Life (hrs): 60000	

#### OPTICAL

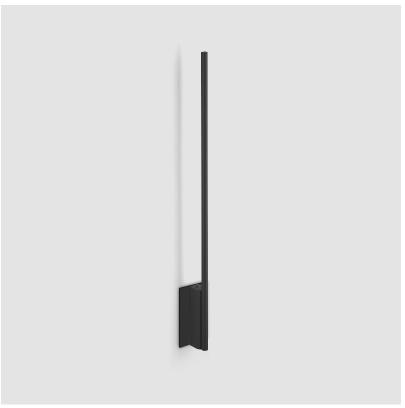
Optic°: Diffused

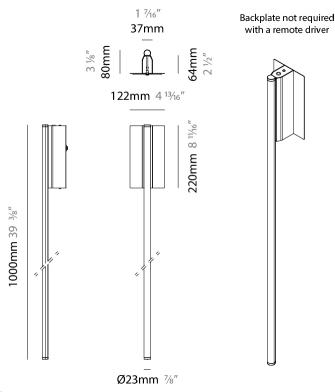
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	
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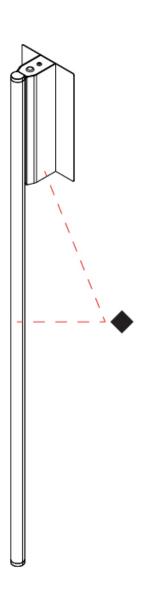






D83449-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







### D83450-

base number

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: Hilow	
Subseries: Hilow Line	
Brand: Panzeri	
Division: Design	
Mounting Type: Surface	
Mounting Location: Wall	
Subcategory: Wall Effect	

PHYSICAL
Shape: Abstract
Length (mm): 23
Length (in): 7/8
Height (mm): 1500
Height (in): 59 ½
Extension (mm): 80
Extension (in): 3 ½
Light Distribution: Indirect
Diffuser: Diffused
Fixture Finish: WHI / MBK / BRZ / MBR / TIM
Fixture Material: Aluminum Die Cast

#### **ELECTRICAL**

#### LED

LLD	
Number of LEDs: 1	
Color Temperature (°K): 2700	
Max. Delivered Lumen (lm): 1696	
Nominal Lumen (lm): 2520	
CRI: >90 CRI	
Efficiency (%): 67.3	
Efficacy (lm/w): 62.81	
Lamp Life (hrs): 60000	

### OPTICAL

Optic°: Diffused

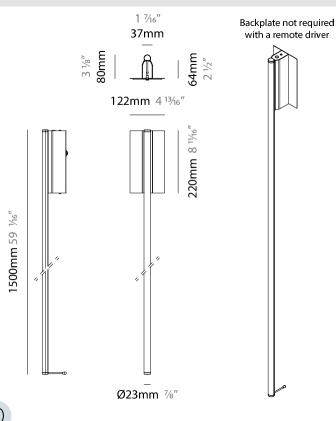
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

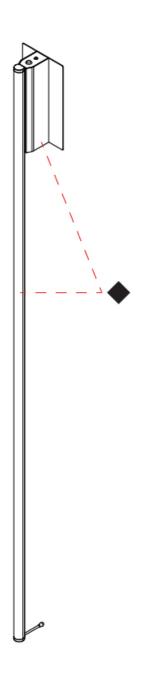






D83450-

PROJECT	
ТҮРЕ	-
SPECIFIER	-
QUANTITY	_
DATE	-







# **HILOW LINE PORTABLE**

### D84384-

base number

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: Hilow	
Subseries: Hilow Line	
Brand: Panzeri	
Division: Design	
Mounting Type: Portable	
Mounting Location: Floor	

Brand: Panzeri
Division: Design
Mounting Type: Portable
Mounting Location: Floor
PHYSICAL
Shape: Abstract
Diameter (mm): 120
Diameter (in): 4 $\frac{3}{4}$
Length (mm): 23
Length (in): 7/8
Height (mm): 2070
Height (in): 81 ½
Light Distribution: Indirect
Weight (kg): 9.44
Diffuser: Diffused
Fixture Finish: BRZ /MBR
Fixture Material: Aluminum Die Cast
ELECTRICAL

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 39
Dimming: Non-Dimmable
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: Phase Dimming (120 Vac)/ 0-10V
IED

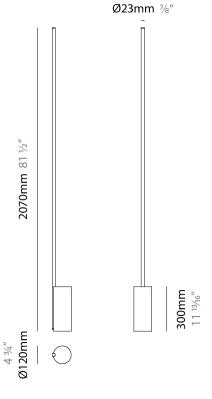
#### OPTICAL

Optic°: Diffused

### **RATINGS AND CERTIFICATIONS**

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



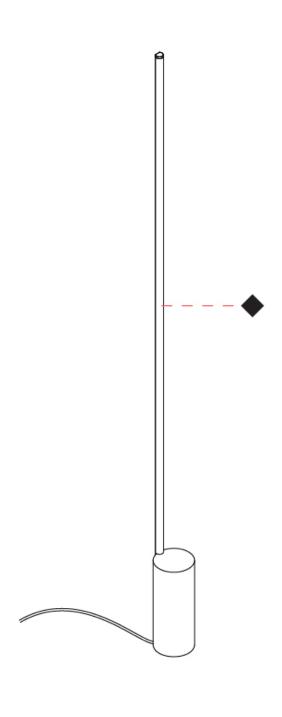






# **HILOW LINE PORTABLE**

D84384-





# **ZANEEN**®

# **HILOW PORTABLE**

### D84385-

base number

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: Hilow	
Brand: Panzeri	
Division: Design	
Mounting Type: Portable	
Mounting Location: Floor	

Division: Design	
Mounting Type: Portable	
Mounting Location: Floor	
PHYSICAL	
Shape: Abstract	
Diameter (mm): 120	
Diameter (in): 4 <sup>3</sup> / <sub>4</sub>	
Length (mm): 23	
Length (in): 7/8	
Height (mm): 2070	
Height (in): $81\frac{1}{2}$	
Light Distribution: Indirect	
Diffuser: Diffused	
Fixture Finish: WHI / MBK / BRZ / MBR / TIM	
Fixture Material: Aluminum Die Cast	
ELECTRICAL	

ELECTRICAL
Lamp Type: LED
Input Wattage (W): 39
Dimming: Non-Dimmable
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: Phase Dimming (120 Vac)
LED

LED
Color Temperature (°K): 2700
Max. Delivered Lumen (lm): 2714
Nominal Lumen (lm): 4032
CRI: >90 CRI
Efficiency (%): 67.3
Efficacy (lm/w): 69.59
Lamp Life (hrs): 60000

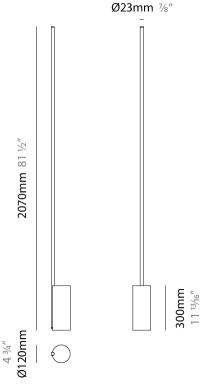
#### OPTICAL

Optic°: Diffused

### **RATINGS AND CERTIFICATIONS**

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





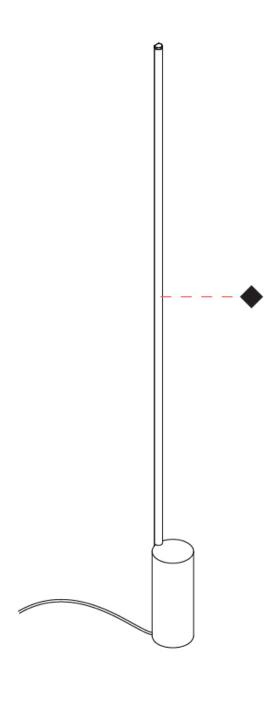




# **HILOW PORTABLE**

D84385-

PROJECT	
TYPE	_
SPECIFIER	_
QUANTITY	_
DATE	_







### **HILOW**

PROJECT		
TYPE		
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.





# **HILOW**

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE

# **LEGEND**

100				-	1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
<u></u>	floor-mounted	¥	pivotable	⊛	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	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	in the second	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>℃</b>	color temperature
X	direct/indirect light distribution	s s	super spot	(LM)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
$\overline{\Lambda}$	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	30	walk on
$\Box$	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>□</b> ←,→	minimum distance (meters) lamp - object	<b>♦</b>	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)	4	blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	<b>(</b> )	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
8	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
<b>•</b>	sensor	0	direct diffuser	շ <b>(</b> Մ) սո	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	<b>(II</b> )	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	<b>Z</b>	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**

above the surface)

IK02	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)
IKO6	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) $$
IKOB	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)

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

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm