### HANGOVER PLUG MONOPOINT SURFACE CANOPY

**SUSPENSION** 

#### A30824-

base number		Finishes (Triangle)	Lens Options	Cable 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

GENERAL	
Series: Hangover	
Subseries: Hangover Plug Monopoint Surface Canopy	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 28	
Diameter (in): $1\frac{1}{8}$	
Height (mm): 150	
Height (in): 5 1/8	
Max. Overall Height (mm): 2150	
Max. Overall Height (in): 84 ⅔	
Light Distribution: Downlight	
Weight (kg): 0.422	
Weight (lbs): 0.93	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / M LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CH COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cable Details: 2000mm or 4000mm Black Cable	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 6.6	
Total Output Wattage (W): 6	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only and 0-10V Dimming)	)
Driver Included: Yes	
Driver Location: External	
Driver Type: Constant Current - Universal	

Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: ENCP3 w/Quick Connect	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	

#### LED

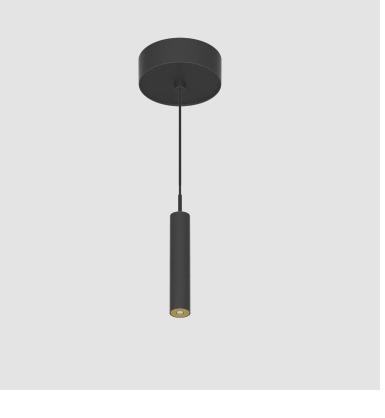
#### Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 330 / 360 / 380
CRI: >90 CRI
Efficiency (%): 86
Lamp Life (hrs): 50000
Upon Request: ***3500K available in minimum quantities (large quantities upon request)
OPTICAL
Optic°: 24 / 32 / 34 / 55 / 58

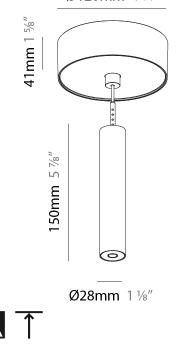
#### **RATINGS AND CERTIFICATIONS**

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



Ø120mm 4 3/4"



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

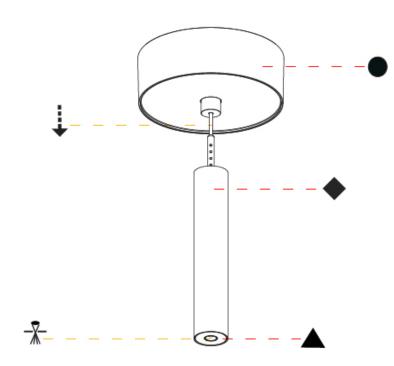
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE		-	

### HANGOVER PLUG MONOPOINT SURFACE CANOPY

**SUSPENSION** 

A30824-



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

### HANGOVER PLUG MONOPOINT RECESSED

**CANOPY SUSPENSION** 

#### A30839-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Cable 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: Hangover

Series. Hangover
Subseries: Hangover Plug Monopoint Recessed Canopy
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 28
Diameter (in): $1\frac{1}{8}$
Height (mm): 150
Height (in): 5 $\frac{7}{8}$
Max. Overall Height (mm): 2150
Max. Overall Height (in): 84 $\frac{5}{8}$
Min. Recessing Depth (mm): 75
Min. Recessing Depth (in): 2 <sup>15</sup> / <sub>16</sub>
Light Distribution: Downlight
Weight (kg): 0.274
Weight (lbs): 0.60
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum
Cable Details: 2000mm or 4000mm Black Cable
Cut-out Measurements: 68mm / 2 11/16"
ELECTRICAL
Lamp Type: LED (Zhaga Standard)

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6.6
Total Output Wattage (W): 6
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: External
Driver Type: Constant Current - Universal
Driver Class: Class 2
Housing: ENCP3 w/Quick Connect
Input Voltage (V): 120 - 277
Constant Current (MA): 500

#### LED

Color Temperati	ure (°K): 2700 / 3000 / 4000
Max. Delivered L	umen (lm): 330 / 360 / 380
CRI: >90 CRI	
Lamp Life (hrs):	50000
Upon Request: * quantities upon	**3500K available in minimum quantities (larger request)

#### OFTICAL

#### Optic°: 24 / 32 / 34 / 55 / 58

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

#### PROJECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



Ø85mm 3 3/8″



Page 3/27

### HANGOVER PLUG MONOPOINT RECESSED

**CANOPY SUSPENSION** 

A30839-

PROJECT
---------

ROJECT							
TYPE							
SPECIFIER							
QUANTITY							
DATE							
	YPE PECIFIER QUANTITY	YPE PECIFIER QUANTITY	YPE PECIFIER JUANTITY	YPE PECIFIER JUANTITY	YPE PECIFIER JUANTITY	YPE PECIFIER JUANTITY	YPE PECIFIER JUANTITY



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

### HANGOVER PLUG MONOPOINT RECESSED

**CANOPY SUSPENSION** 

#### A30840-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Cable 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: Hangover

Series: hangover
Subseries: Hangover Plug Monopoint Recessed Canopy
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 28
Diameter (in): 1 <sup>1</sup> / <sub>8</sub>
Height (mm): 300
Height (in): 11 <sup>13</sup> / <sub>16</sub>
Max. Overall Height (mm): 2300
Max. Overall Height (in): 90 $\%_{16}$
Min. Recessing Depth (mm): 75
Min. Recessing Depth (in): 2 <sup>15</sup> / <sub>16</sub>
Light Distribution: Downlight
Weight (kg): 0.389
Weight (lbs): 0.856
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum
Cable Details: 2000mm or 4000mm Black Cable
Cut-out Measurements: 68mm / 2 11/16"
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6.6
Total Output Wattage (W): 6

Total Output Wattage (W): 6	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)	
Driver Included: Yes	
Driver Location: External	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: ENCP3 w/Quick Connect	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	

#### LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 330 / 360 / 380
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: ***3500K available in minimum quantities (larger quantities upon request)
OPTICAL

#### Opticº: 24 / 32 / 34 / 55 / 58

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

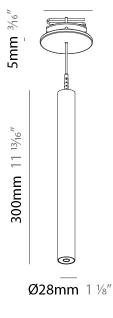
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			



Ø85mm 3 3/8"



### HANGOVER PLUG MONOPOINT RECESSED

**CANOPY SUSPENSION** 

A30840-

PROJECT



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

y the best product, we reserve the right to change specifications of indecrisio without notice. The most recent specification sheets are round at zanechicom



### HANGOVER PLUG MONOPOINT RECESSED CANOPY

**SUSPENSION** 

#### A30841-

7.50011							
base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Cable Options	Lens Options
	product code		gurator selec	ct 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

GENERAL	
Series: Har	ngover
Subseries:	Hangover Plug Monopoint Recessed Canopy
Brand: Pro	licht
Division: A	rchitectural
Mounting 7	Type: Suspension
Mounting L	Location: Ceiling
Subcatego	ory: Pendant
PHYSICAL	
Shape: Cyl	inder
Diameter (	mm): 28
Diameter (	in): 1 <sup>1</sup> / <sub>8</sub>
Height (mr	m): 450
Height (in)	: 17 <sup>11</sup> / <sub>16</sub>
Max. Overa	all Height (mm): 2450
Max. Overa	all Height (in): 96 $\frac{1}{16}$
Min. Reces	sing Depth (mm): 75
	sing Depth (in): $2\frac{15}{16}$
	ibution: Downlight
Weight (kg	
Weight (lbs	s): 0.856
	ish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG /
	/ FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC /
	/ JAG / OBR / MOS / ROR
	ish: NOR / OPL / YEL / ORA / RED / BLU / GRN terial: Aluminum
	ils: 2000mm or 4000mm Cable - Black, Green, Orange, Red,
White	ins. 2000 initial 4000 initial cable - Diack, dieen, orange, ked,
Cut-out Me	easurements: 68mm / 2 11/16"
ELECTRIC	AL
Lamp Type	e: LED (Zhaga Standard)
	rage (W): 6.4
	but Wattage (W): 6
	Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)
and 0-10V	
Driver Inclu	uded: Yes
Driver Loca	ation: External
	e: Constant Current - Universal
Driver Clas	
	NCP3 w/Quick Connect
	age (V): 120 - 277
Constant C	Current (MA): 500
LED	
Number of	LEDs: 1
Color Tem	perature (°K): 2700 / 3000 / 3500 / 4000
Max. Delive	ered Lumen (lm): Max 381 / 404 / 426 / 438
Nominal L	umen (lm): 460 / 487 / 514 / 528

Nominal Lumen (lm): 460 / 487 / 514 / 528

#### CRI: >90 CRI

Lamp Life (hrs): 50000

#### OPTICAL

Reflector°: 20 / 26 / 56

#### RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

**ጀምነጫቲቨናዊታ ዛቻ 2ሰ**ር. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



Page 7/27

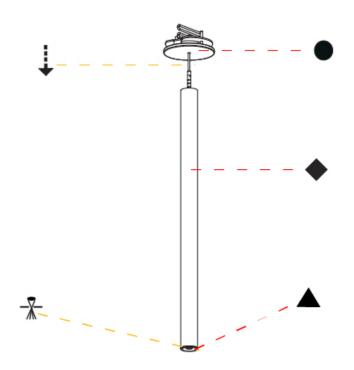
### HANGOVER PLUG MONOPOINT RECESSED

#### **CANOPY SUSPENSION**

A30841-

PROJECT

NOSECT
YPE
PECIFIER
UANTITY
ATE
2



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

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 Page 8/27



## HANGOVER PLUG SHINE MONOPOINT RECESSED

**CANOPY SUSPENSION** 

#### A30842-

7.50012								
base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Shine Ring	Cable Options	-
1	product code	0	gurator selec	t 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: Har	ngover
Subcorioce	Hango

Subseries: Hangover Plug S	Shine Monopoint Recessed Canopy
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	1
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 28	
Diameter (in): 1 <sup>1</sup> / <sub>8</sub>	
Height (mm): 150	
Height (in): 5 <sup>7</sup> / <sub>8</sub>	
Max. Overall Height (mm): 2	2150
Max. Overall Height (in): 84	_
Min. Recessing Depth (mm)	-
Min. Recessing Depth (in): 2	15
Light Distribution: Downlig	
Weight (kg): 0.422	
Weight (lbs): .930	
Diffuser: Shine Ring - Opal /	/ Yellow / Orange / Red / Blue / Green
Fixture Finish: SSR / BKV / C	CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG
	/ POP / BLS / SPG / MEY / GOH / GUM / CHC /
COM / ABZ / JAG / OBR / MC	
Fixture Material: Aluminum	
Cable Details: 2000mm or 4	
Cut-out Measurements: 68r	nm / 2 11/16"
ELECTRICAL	
Lamp Type: LED (Zhaga Sta	indard)
Input Wattage (W): 6.6	
Total Output Wattage (W): 6	
Dimming: Tri-Mode (Non-Di and 0-10V Dimming)	imming and Phase Dimming (120Vac only)
Driver Included: Yes	
Driver Location: External	
Driver Type: Constant Curre	ent - Universal
Driver Class: Class 2	
Housing: ENCP3 w/Quick Co	onnect
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	
LED	

#### Number of LEDs: 1

Number of LEDS. 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 330 / 360 / 380
CRI: >90 CRI
Lamp Life (hrs): 50000
Upon Request: ***3500K available in minimum quantities (larger quantities upon request)

#### OPTICAL

Optic°: 24 / 32 / 58

#### RATINGS AND CERTIFICATIONS

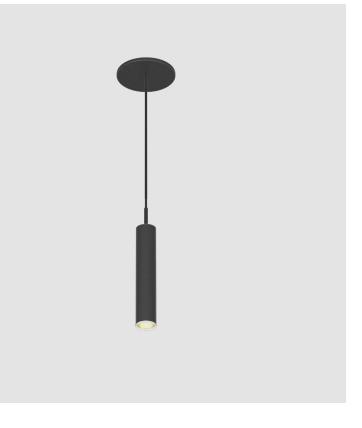
Certified By: Certified for North American Standards

**ጀምነጫቲቨናዊታ ዛቻ 2ሰ**ር. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

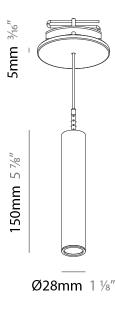
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

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

TYPE SPECIFIER QUANTITY DATE	PROJECT			
QUANTITY	TYPE			
	SPECIFIER			
DATE	QUANTITY			
	DATE			



Ø85mm 3 3/8"

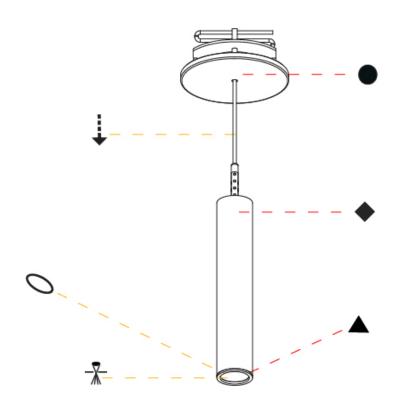


Page 9/27

**CANOPY SUSPENSION** 

A30842-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

Д

## HANGOVER PLUG SHINE MONOPOINT RECESSED

### **CANOPY SUSPENSION**

#### A30843-

/.000.10							
base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Shine Ring	Cable Options
,	product code del # product		gurator selec	ct the specify	/ button on		
2. To build a	manual prod	uct code on					

options listed below in blue font and add the suffix to the base model #

#### CENEDAL

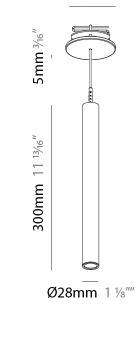
GENERAL
Series: Hangover
Subseries: Hangover Plug Shine Monopoint Recessed Canopy
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 28
Diameter (in): 1 <sup>1</sup> / <sub>8</sub>
Height (mm): 300
Height (in): 11 <sup>13</sup> / <sub>16</sub>
Max. Overall Height (mm): 2300
Max. Overall Height (in): 90 %
Min. Recessing Depth (mm): 75
Min. Recessing Depth (in): 2 <sup>15</sup> / <sub>16</sub>
Light Distribution: Downlight
Weight (kg): 0.63
Weight (lbs): 1.39
Diffuser: Shine Ring - Opal / Yellow / Orange / Red / Blue / Green
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum
Cable Details: 2000mm or 4000mm Black Cable
Cut-out Measurements: 68mm / 2 11/16"
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6.6
Total Output Wattage (W): 6
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only)
and 0-10V Dimming)
Driver Included: Yes
Driver Location: External
Driver Type: Constant Current - Universal
Driver Class: Class 2
Housing: ENCP3 w/Quick Connect
Input Voltage (V): 120 - 277
Constant Current (MA): 500
LED
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000

PRO IECT

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

$\bigcirc$	

Ø85mm 3 3/8"



Optic°: 24 / 32 / 58

quantities upon request)

CRI: >90 CRI Lamp Life (hrs): 50000

OPTICAL

#### RATINGS AND CERTIFICATIONS

Max. Delivered Lumen (lm): 330 / 360 / 380

Certified By: Certified for North American Standards

**ጀምነጫቲቨናዊታ ዛቻ 2ሰ**ር. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Upon Request: \*\*\*3500K available in minimum quantities (larger

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

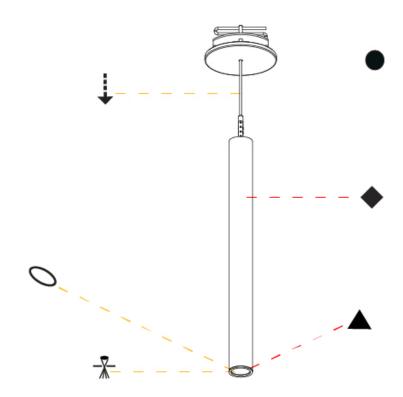
HANGOVER PLUG SHINE MONOPOINT RECESSED

**CANOPY SUSPENSION** 

A30843-

PROJECT

FIER							
TITY							
	FIER						



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

## HANGOVER PLUG SHINE MONOPOINT RECESSED

### **CANOPY SUSPENSION**

\_

#### A30844-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Shine Ring	Cable Options
	product code del # product	-	gurator selec	ct the specify	/ button on		

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: Hangover

Series: Hangover	
Subseries: Hangover Plug Shine Monopoint Recessed Canopy	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 28	
Diameter (in): 1 <sup>1</sup> / <sub>8</sub>	
Height (mm): 450	
Height (in): 17 $\frac{1}{1_{16}}$	
Max. Overall Height (mm): 2450	
Max. Overall Height (ini): $2450$	
Min. Recessing Depth (mm): 75	
Min. Recessing Depth (in): $2^{15}/_{16}$	
Light Distribution: Downlight	
Weight (kg): 0.504	
Weight (lbs): 1.11	
Diffuser: Shine Ring - Opal / Yellow / Orange / Red / Blue / Green	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / O	
COM / ABZ / JAG / OBR / MOS / ROR	une /
Fixture Material: Aluminum	
Cable Details: 2000mm or 4000mm Black Cable	
Cut-out Measurements: 68mm / 2 11/16"	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 6.6	
Total Output Wattage (W): 6	<u>ь а</u>
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac on and 0-10V Dimming)	iy)
Driver Included: Yes	
Driver Location: External	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: ENCP3 w/Quick Connect	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	
LED	
Number of LEDs: 1	

#### Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 330 / 360 / 380
CRI: >90 CRI
Efficiency (%): 86
Lamp Life (hrs): 50000
Upon Request: ***3500K available in minimum quantities (larger quantities upon request)
OPTICAL

#### OPTICAL

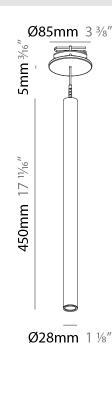
Optic°: 24 / 32 / 58

#### **RATINGS AND CERTIFICATIONS**

Zoertifi GobBy I Certified, for 800 per Anner For 16 - Stand Brods www.zaneen.com

Apericative of PDO mational 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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



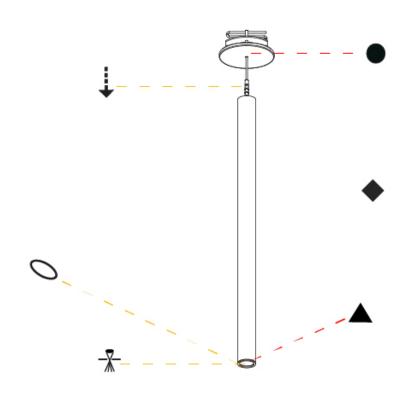
Page 13/27

HANGOVER	<b>PLUG S</b>	HINE MON	IOPOINT P	RECESSED

### **CANOPY SUSPENSION**

A30844-

PROJECT			
ТҮРЕ			
SPECIFIER			
QUANTITY			
DATE			
	-		



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

А

Page 14/27

### HANGOVER PLUG MONOPOINT SURFACE CANOPY

**SUSPENSION** 

#### A30845-

/.000.0							
base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Cable 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: Hangover	
Subseries: Hangover Plug Monopoint Surface Canopy	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 28	
Diameter (in): 1 <sup>1</sup> / <sub>8</sub>	
Height (mm): 300	
Height (in): 11 <sup>13</sup> / <sub>16</sub>	
Max. Overall Height (mm): 2300	
Max. Overall Height (in): 90 <sup>9</sup> / <sub>16</sub>	
Light Distribution: Downlight	
Weight (kg): 0.75	
Weight (lbs): 1.65	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG , LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cable Details: 2000mm or 4000mm Black Cable	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 6.6	
Total Output Wattage (W): 6	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac o and 0-10V Dimming)	nly)

Driver Included: Yes
Driver Location: External
Driver Type: Integral LED Driver - Universal
Driver Class: Class 2
Housing: ENCP3 w/quick connect
Input Voltage (V): 120 - 277
Constant Current (MA): 500

#### LED

#### Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 330 / 360 / 380	
CRI: >90 CRI	
Efficiency (%): 86	

		1	
Iama	1 ifo	(hrc).	EUUUU
Lann	LIIE	UIIS):	50000
· P	-	1 -7-	

Upon Request: \*\*\*3500K available in minimum quantities (larger quantities upon request)

#### OPTICAL

#### Optic°: 24 / 32 / 34 / 55 / 58

#### RATINGS AND CERTIFICATIONS

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

DATE			
QUANTITY			
SPECIFIER			
TYPE			
PROJECT			

300mm 11 13/4" 300mm 11 13/6"	



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

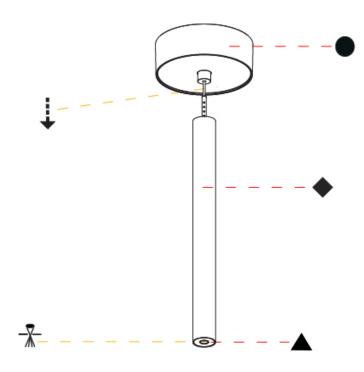
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

TYPE	
SPECIFIER	
QUANTITY	
DATE	

### HANGOVER PLUG MONOPOINT SURFACE CANOPY

**SUSPENSION** 

A30845-



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

### HANGOVER PLUG MONOPOINT SURFACE CANOPY

**SUSPENSION** 

#### A30846-

/.00010							
base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Cable 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

GENERAL
Series: Hangover
Subseries: Hangover Plug Monopoint Surface Canopy
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Pendant
PHYSICAL
Shape: Cylinder
Diameter (mm): 28
Diameter (in): 1 <sup>1</sup> / <sub>8</sub>
Height (mm): 450
Height (in): 17 <sup>11</sup> / <sub>16</sub>
Max. Overall Height (mm): 2450
Max. Overall Height (in): 96 $\frac{7}{16}$
Light Distribution: Downlight
Weight (kg): 0.504
Weight (lbs): 1.11
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Aluminum
Cable Details: 2000mm or 4000mm Black Cable
ELECTRICAL
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6.6
Total Output Wattage (W): 6
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

and 0-10V Dimming)
Driver Included: Yes
Driver Location: External
Driver Type: Constant Current - Universal
Driver Class: Class 2
Housing: ENCP3 w/quick connect
Input Voltage (V): 120 - 277
Constant Current (MA): 500

#### LED

#### Number of LEDs: 1

Color Temperature	(°K): 2700 /	/ 3000 / 4000

Max. Delivered Lumen (lm): 330 / 360 / 380

CRI: >90 CRI

Lamp Life (hrs): 50000
Upon Request: ***3500K available in minimum quantities (larger quantities upon request)

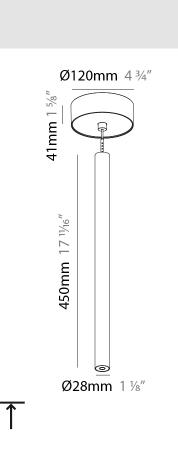
#### OPTICAL

#### Optic°: 24 / 32 / 34 / 55 / 58 RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP	rating:	IP20

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

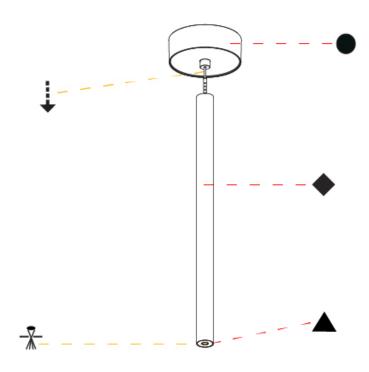
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

HANGOVER PLUG MONOPOINT SURFACE CANOPY

ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	

**SUSPENSION** 

A30846-



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

## HANGOVER PLUG SHINE MONOPOINT SURFACE

### **CANOPY SUSPENSION**

\_

#### A30847-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Shine Ring	Cable 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: Hango	over
Subseries: Ha	angover Plug Shine Monopoint Surface Canopy
Brand: Prolic	ht
Division: Arch	nitectural
Mounting Typ	pe: Suspension
Mounting Loo	cation: Ceiling
Subcategory	: Pendant
PHYSICAL	
Shape: Cyline	der
Diameter (mi	m): 28
Diameter (in)	: 1 1/8
Height (mm):	: 150
Height (in): 1	1 <sup>13</sup> / <sub>16</sub>
Max. Overall	Height (mm): 2150
Max. Overall	Height (in): 84 ⅔
Light Distribu	ıtion: Downlight
Weight (kg): (	).422
Weight (lbs):	0.93
Diffuser: Shir	ne Ring - Opal / Yellow / Orange / Red / Blue / Green
LOD / PUS / F	n: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG ;RO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / JAG / OBR / MOS / ROR
Fixture Mater	rial: Aluminum
Cable Details	: 2000mm or 4000mm Cable - Color 01 to 10
ELECTRICAL	
Lamp Type: L	ED (Zhaga Standard)
Input Wattag	e (W): 6.6

Input Wattage (W): 6.6	
Total Output Wattage (W): 6	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac and 0-10V Dimming)	only)
Driver Included: Yes	
Driver Location: External	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: ENCP3 w/quick connect	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	

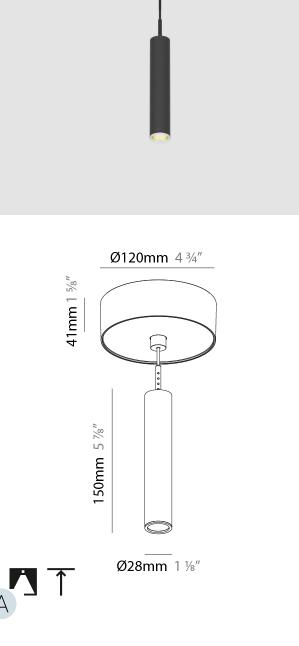
#### LED

Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 330 / 350 / 370
CRI: >90 CRI
Efficiency (%): 86
Lamp Life (hrs): 50000
Upon Request: ***3500K available in minimum quantities (larger quantities upon request)
OPTICAL

### Optic°: 24 / 32 / 58

RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP20

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

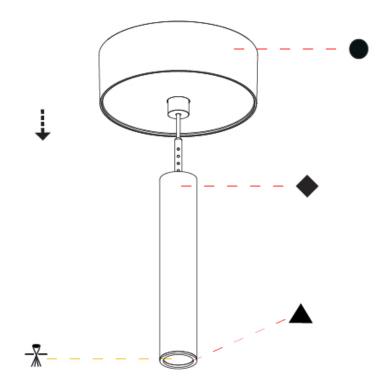
HANGOVER PLUG SHINE MONOPOINT SURFACE

**CANOPY SUSPENSION** 

A30847-

PROJECT
---------

ТҮРЕ
SPECIFIER
QUANTITY
DATE



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

## HANGOVER PLUG SHINE MONOPOINT SURFACE

### **CANOPY SUSPENSION**

#### A30848-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Shine Ring	Cable Options
1.To build a	product code	in our confid	gurator selec	t 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: Hangover

Series. Hangover	
Subseries: Hangover Plug Shine Monopoint Surface Canopy	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 28	
Diameter (in): 1 <sup>1</sup> / <sub>8</sub>	
Height (mm): 300	
Height (in): 11 <sup>13</sup> / <sub>16</sub>	
Max. Overall Height (mm): 2300	
Max. Overall Height (in): 90 $\%_{16}$	
Light Distribution: Downlight	
Weight (kg): 0.63	
Weight (lbs): 1.39	
Diffuser: Shine Ring - Opal / Yellow / Orange / Red / Blue / Gree	en
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / F	
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GU	JM / CHC /
COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum Cable Details: 2000mm or 4000mm Black Cable	
Cable Details: 2000mm of 4000mm Black Cable	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 6.6	
Total Output Wattage (W): 6	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120V and 0-10V Dimming)	ac only)
Driver Included: Yes	
Driver Location: External	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: ENCP3 w/quick connect	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	

#### LED

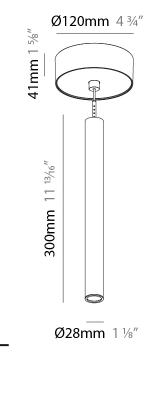
Number of LEDs: 1	
Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 330 / 350 / 370	
CRI: >90 CRI	
Efficiency (%): 86	
Lamp Life (hrs): 50000	
Upon Request: ***3500K available in minimum quantities (larger quantities upon request)	
OPTICAL	

### Optic°: 24 / 32 / 58

RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards
IP rating: IP20

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE





Page 21/27

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

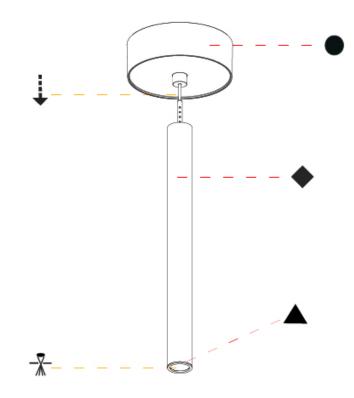
Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

HANGOVER PLUG SHINE MONOPOINT SURFACE

**CANOPY SUSPENSION** 

A30848-

TROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE



Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

## HANGOVER PLUG SHINE MONOPOINT SURFACE

### **CANOPY SUSPENSION**

#### A30849-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finishes (Circle)	Lens Options	Shine Ring	Cable Options	
1.To build a	product code	in our config	gurator selec	t the specify	y 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: Hangover	
Subseries: Hangover Plug Shine Monopoint Surface Canopy	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	
PHYSICAL	
Shape: Cylinder	
Diameter (mm): 28	
Diameter (in): 1 <sup>1</sup> / <sub>8</sub>	
Height (mm): 450	
Height (in): $17\frac{11}{16}$	
Max. Overall Height (mm): 2450	
Max. Overall Height (in): 96 $\frac{7}{16}$	
Light Distribution: Downlight	
Weight (kg): 0.64	
Weight (lbs): 1.41	
Diffuser: Shine Ring - Opal / Yellow / Orange / Red / Blue / Green	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG /	/ MYG /
LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM /	CHC /
COM / ABZ / JAG / OBR / MOS / ROR	
Fixture Material: Aluminum	
Cable Details: 2000mm or 4000mm Black Cable	
ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 6.6	
Total Output Wattage (W): 6	
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac o	nly)
and 0-10V Dimming)	
Driver Included: Yes	
Driver Location: External	
Driver Type: Constant Current - Universal	
Driver Class: Class 2	
Housing: ENCP3 w/quick connect	
Input Voltage (V): 120 - 277	
Constant Current (MA): 500	

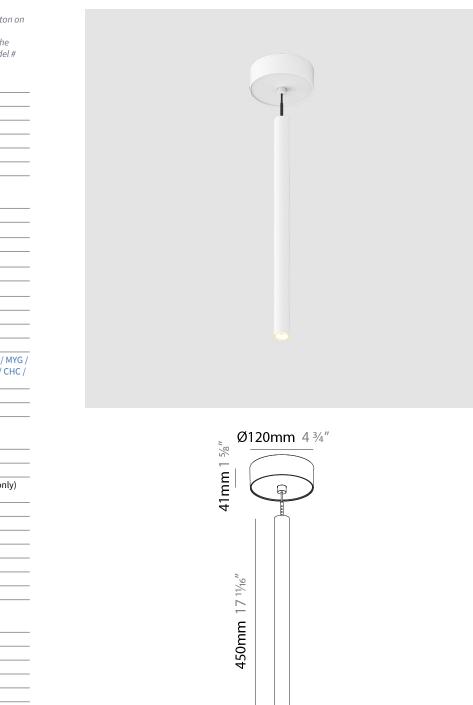
#### Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 330 / 350 / 363 / 370
CRI: >90 CRI
Efficiency (%): 86
Lamp Life (hrs): 50000
Upon Request: ***3500K available in minimum quantities (larger quantities upon request)
OPTICAL
Optic°: 24 / 32 / 58

#### RATINGS AND CERTIFICATIONS

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	



Ø28mm 1 1/8"

Page 23/27

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

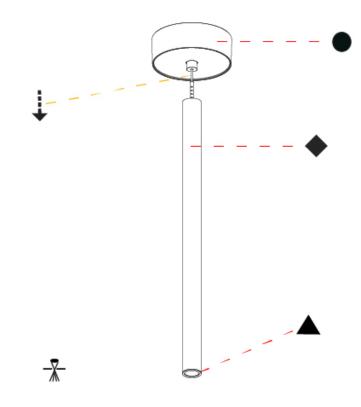
HANGOVER PLUG SHINE MONOPOINT SURFACE

**CANOPY SUSPENSION** 

A30849-

PROJECT	
TYPE	
SPECIFIER	

TYPE SPECI QUANTITY DATE



Available for International specifications by adding 'INT' at the end of the existing Model #. For assistance on 'custom' specifications, contact zteam@zaneen.com.

### HANGOVER

**Fixture Finish** 

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

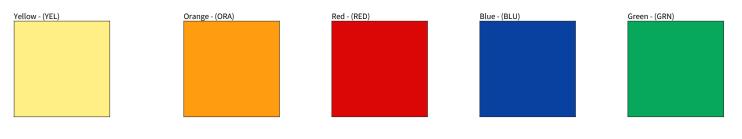
Sparkling Silver - 01 (SSR)	Black Velvet - 02 (BKV)	Crystal White - 03 (CWI)	Creamy - 04 (CRY)	Hampton Bay - 05 (HAB)	Urban Forest - 07 (UFT)
In the Army - 08 (ITA)	Rusty Angel - 09 (RUA)	Fade to Gray - 12 (FTG)	Mysterious Gray - 13 (MYG)	Lost Dream - 15 (LOD)	Purple Sky - 16 (PUS)
Fresh Oh - 17 (FRO)	Funky P 18 (FUP)	Kissing Aphrodite - 19 (KIA)	Poseidon's Paradise - 20 (POP)	Blue Sky - 21 (BLS)	Spring Green - 22 (SPG)
Mellow Yellow - 23 (MEY)	Golden Heart - 24 (GOH)	Gun Metal - 25 (GUM)	Champagne Cream - 26 (CHC)	Copper Mine - 27 (COM)	Ancient Bronze - 28 (ABZ)
Jazz Gold - 29 (JAG)	Olive Breeze - 30 (OBR)	Moonlight Silver - 31 (MOS)	Rosewood Red - 32 (ROR)		

Zaneen Group Inc. © 2024, T 1800-388-3382, F 416-247-9319, www.zaneen.com

### HANGOVER PLUG MONOPOINT SURFACE **CANOPY, HANGOVER PLUG MONOPOINT RECESSED CANOPY, HANGOVER PLUG SHINE MONOPOINT RECESSED CANOPY, HANGOVER** PLUG SHINE MONOPOINT SURFACE CANOPY

**SUSPENSION** 

#### Accent 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.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical. Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.

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

Page 26/27

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		



### HANGOVER

PROJECT

\_\_\_\_\_

TYPE

SPECIFIER

QUANTITY DATE

LEGEND

		_			
⊥_	floor-mounted	¥	pivotable	$\circledast$	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
フ	wall and ceiling: recessed and surface mounted	U	rotating	0	warm dim / natural dimming LED
Î	ceiling-mounted and wall-mounted	Œ	illuminate tilted	Ø	rechargeable battery powered
$\rightarrow$	wall-mounted	T	color of suspension cable	1111 1140	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	÷	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	<b>°К</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	Ð	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
Ä	aura light distribution	0	shine ring	318	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	$\odot$	integrated shine ring with diffuser	٢	walk on
5	square wall or ceiling cut-out	Ċ	free individual colors 01-29	۲	drive on
d d	the supplied jig specifies the cutout dimensions	ů).	individual colors: 00 (free of charge), 01-25 (extra charge)	<b>B</b> SC	Dark Sky Compliance
[+,+]	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
	ceiling thickness in mm		luminaire part to be colored (F3)	٢	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)	۲	luminaire part to be colored (F5)		protection class I, protection insulation
<u>с</u>	included or excluded LED driver/transformer/ control gear		color of 3-circuit adaptor		protection class II, protection insulation
Y	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
シリ	sensor	D	direct diffuser	c (UL) us	UL Certified to UL and CSA Standards
	remote control	$\boldsymbol{\Theta}$	ball-proof (upon request)	SP:	CSA Certified to UL and CSA Standards
2	available upon request	U	accessory	Z	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
1965	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**

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)