

SUSPENSION

Δ300153-

| 7300133 | | | | | | | | |
|-------------|----------------------|-----------------------|------------------------|----------------------|----------------------|------------|------------------|--|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector 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: Hangover |
|--|
| Subseries: Hangover Monopoint Surface Canopy |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Suspension |
| Mounting Location: Ceiling |
| Subcategory: Pendant |
| |

| Division: Architectural |
|---|
| Mounting Type: Suspension |
| Mounting Location: Ceiling |
| Subcategory: Pendant |
| PHYSICAL |
| Shape: Cylinder |
| Diameter (mm): 40 |
| Diameter (in): 1 $^{9}\!\!/_{16}$ |
| Height (mm): 150 |
| Height (in): $5\frac{7}{8}$ |
| Max. Overall Height (mm): 2150 |
| Max. Overall Height (in): 84 $\frac{5}{8}$ |
| Light Distribution: Downlight |
| Weight (kg): 0.75 |
| Weight (lbs): 1.65 |
| Diffuser: Shine Ring 0-6 |
| 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

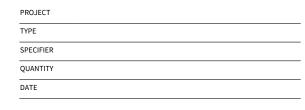
RATINGS AND CERTIFICATIONS

IP rating: IP20

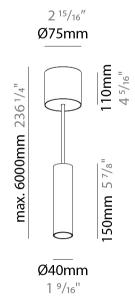
Cable Details: 2000mm / 6000mmm Cable in White / Black / Orange / Red

ELECTRICAL

| Lamp Type: LED (Zhaga Standard) |
|--|
| Input Wattage (W): 10.9 |
| Total Output Wattage (W): 9 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current |
| Driver Class: Class 2 |
| Input Voltage (V): 120 |
| Constant Current (MA): 500 |
| Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac |
| LED |
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 4000 |
| Max. Delivered Lumen (lm): 842 |
| CRI: >90 CRI |
| Lamp Life (hrs): 50000 |
| OPTICAL |
| |
| Reflector°: 40 / 50 |





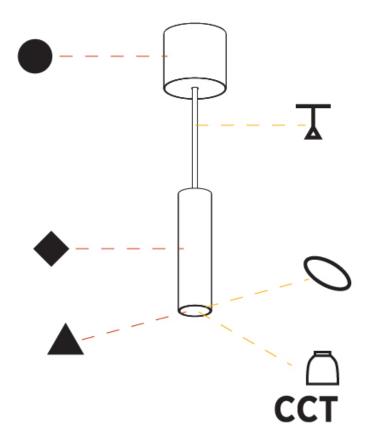






SUSPENSION

A300153-







SUSPENSION

| A300154 | - | - | - | - | - | - | - |
|-------------|-------------|-----------|------------|----------|-----------|------------|---------|
| base number | Color | Finishes | Finishes | Finishes | Reflector | Shine Ring | Cable |
| | Temperature | (Diamond) | (Triangle) | (Circle) | Options | | 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 Monopoint Surface Canopy | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Suspension | |
| Mounting Location: Ceiling | |
| Subcategory: Pendant | |

| mounting Eocation. Centing |
|---|
| Subcategory: Pendant |
| PHYSICAL |
| Shape: Cylinder |
| Diameter (mm): 40 |
| Diameter (in): 1 ⁹ / ₁₆ |
| Height (mm): 300 |
| Height (in): 11 13/16 |
| Max. Overall Height (mm): 2300 |
| Max. Overall Height (in): 90 % |
| Light Distribution: Downlight |
| Diffuser: Shine Ring 0-6 |

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

Lamp Type: LED (Zhaga Standard)

Cable Details: 2000mm / 6000mmm Cable in White / Black / Orange / Red

ELECTRICAL

OPTICAL Reflector°: 40 / 50

IP rating: IP20

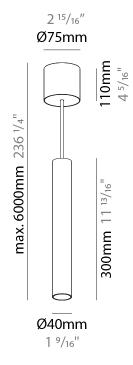
RATINGS AND CERTIFICATIONS

| zamp Typer zzo (zmaga otamaara) |
|---|
| Input Wattage (W): 10.9 |
| Total Output Wattage (W): 9 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current |
| Driver Class: Class 2 |
| Input Voltage (V): 120 |
| Constant Current (MA): 500 |
| Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac |
| LED |
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 4000 |
| Max. Delivered Lumen (lm): 842 |
| CRI: >90 CRI |
| Efficiency (%): 86 |
| Lamp Life (hrs): 50000 |
| Upon Request: ***3500K available in minimum quantities (larger quantities upon request) |
| |



TYPE SPECIFIER

QUANTITY DATE

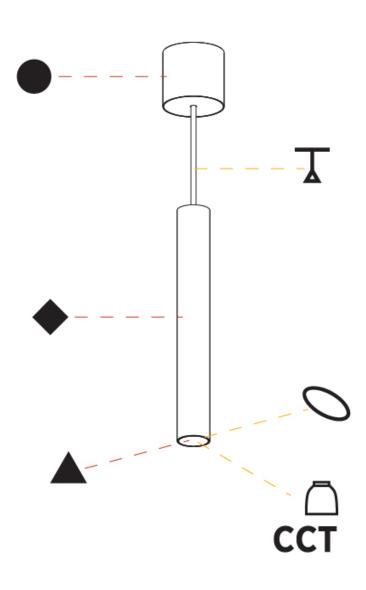






SUSPENSION

A300154-







SUSPENSION

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| A300122 | • | | | | | | • |
|-------------|----------------------|-----------------------|------------------------|----------------------|----------------------|------------|------------------|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector 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: Hangover | |
|--|--|
| Subseries: Hangover Monopoint Surface Canopy | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Suspension | |
| Mounting Location: Ceiling | |
| Subcatagony Bondant | |

| Subcategory: Pendant | |
|-----------------------------------|--|
| PHYSICAL | |
| Shape: Cylinder | |
| Diameter (mm): 40 | |
| Diameter (in): 1 % | |
| Height (mm): 450 | |
| Height (in): 17 11/16 | |
| Max. Overall Height (mm): 2450 | |
| Max. Overall Height (in): 96 1/16 | |
| Light Distribution: Downlight | |
| Diffuser: Shine Ring 0-6 | |

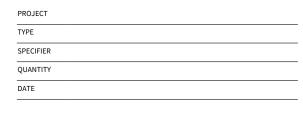
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

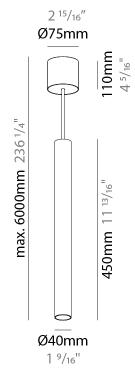
Cable Details: 2000mm / 6000mmm Cable in White / Black / Orange / Red

ELECTRICAL

| Lamp Type: LED (Zhaga Standard) |
|--|
| Input Wattage (W): 10.9 |
| Total Output Wattage (W): 9 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current |
| Driver Class: Class 2 |
| Housing: ENCP3 |
| Input Voltage (V): 120 |
| Constant Current (MA): 500 |
| Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac |
| LED |
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 4000 |
| Max. Delivered Lumen (lm): 842 |
| CRI: >90 CRI |
| Efficiency (%): 86 |
| Lamp Life (hrs): 50000 |
| Upon Request: ***3500K available in minimum quantities (larger |
| quantities upon request) |
| OPTICAL |
| Reflector°: 40 / 50 |









Certified By: Certified for North American Standards

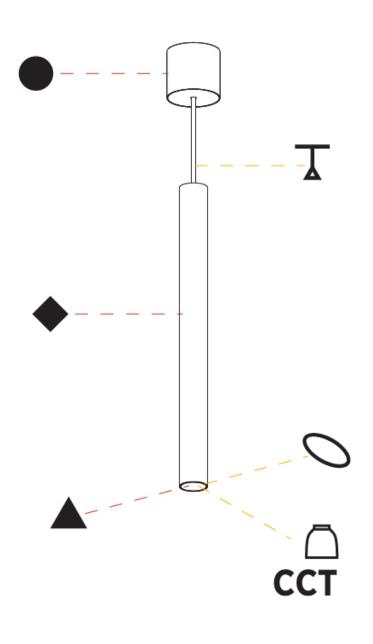
RATINGS AND CERTIFICATIONS

IP rating: IP20



SUSPENSION

A300155-







SUSPENSION

| A300164- | | | | | | | |
|-------------|----------------------|-----------------------|------------------------|----------------------|----------------------|------------|------------------|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector 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: Hangover |
|--|
| Subseries: Hangover Monopoint Surface Canopy |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Suspension |
| Mounting Location: Ceiling |
| Subcategory: Pendant |
| |

| Mounting Type: Suspension |
|---|
| Mounting Location: Ceiling |
| Subcategory: Pendant |
| PHYSICAL |
| Shape: Cylinder |
| Diameter (mm): 75 |
| Diameter (in): 2 15/16 |
| Height (mm): 150 |
| Height (in): 5 $\frac{7}{8}$ |
| Max. Overall Height (mm): 2150 |
| Max. Overall Height (in): 84 ½ |
| Light Distribution: Direct |
| Diffuser: Shine Ring 0-6 |
| Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG |

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

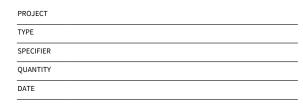
Fixture Material: Aluminum

Cable Details: 2000mm / 6000mmm Cable in White / Black / Orange / Red

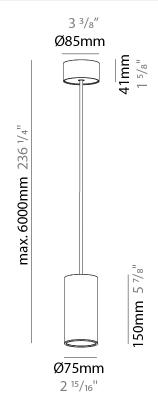
ELECTRICAL

IP rating: IP20

| ELECTRICAL |
|--|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 10.95 |
| Total Output Wattage (W): 9.18 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current |
| Driver Class: Class 2 |
| Input Voltage (V): 120 |
| Constant Current (MA): 500 |
| Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac / Non-dimming 120/277Vac |
| LED |
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 4000 |
| Max. Delivered Lumen (lm): 923 |
| CRI: >90 CRI |
| Efficiency (%): 86 |
| Lamp Life (hrs): 50000 |
| OPTICAL |
| Reflector°: 18 / 36 / 52 |
| RATINGS AND CERTIFICATIONS |





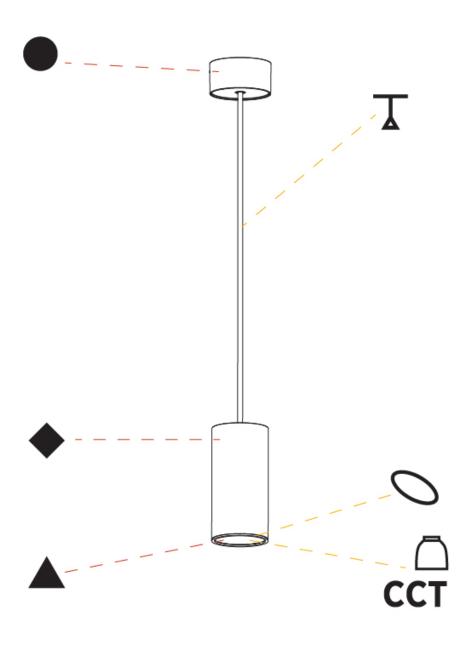






SUSPENSION

A300164-







SUSPENSION

| A300165- | | - | - | - | - | - | |
|-------------|----------------------|-----------------------|------------------------|----------------------|----------------------|------------|------------------|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector 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: Hangover | |
|--|--|
| Subseries: Hangover Monopoint Surface Canopy | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Suspension | |
| Mounting Location: Ceiling | |
| Subcategory: Pendant | |

| Mounting Type: Suspension |
|---------------------------------------|
| Mounting Location: Ceiling |
| Subcategory: Pendant |
| PHYSICAL |
| Shape: Cylinder |
| Diameter (mm): 75 |
| Diameter (in): 2 15/16 |
| Height (mm): 150 |
| Height (in): 5 1/8 |
| Max. Overall Height (mm): 2150 |
| Max. Overall Height (in): 84 ½ |
| Light Distribution: Direct / Indirect |
| Diffuser: Shine Ring 0-6 |
| |

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

RATINGS AND CERTIFICATIONS

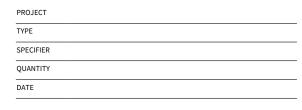
IP rating: IP20

Certified By: Certified for North American Standards

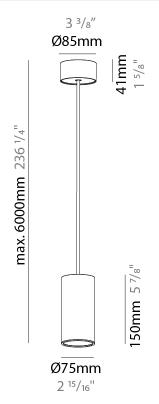
Cable Details: 2000mm / 6000mmm Cable in White / Black / Orange / Red

ELECTRICAL

| ELECTRICAL |
|--|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 10.9 |
| Total Output Wattage (W): 9 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current |
| Driver Class: Class 2 |
| Housing: ENCP3 |
| Input Voltage (V): 120 |
| Constant Current (MA): 500 |
| Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac |
| LED |
| Number of LEDs: 2 |
| Color Temperature (°K): 2700 / 3000 / 4000 |
| Max. Delivered Lumen (lm): 911 |
| CRI: >90 CRI |
| Efficiency (%): 86 |
| Lamp Life (hrs): 50000 |
| OPTICAL |
| Reflector°: 18 / 36 / 52 |
| |







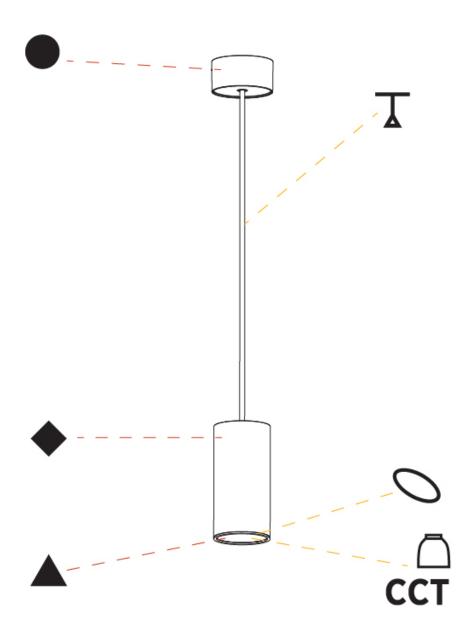




SUSPENSION

A300165-

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







SUSPENSION

| A300166- | | | - | | | | |
|-------------|----------------------|-----------------------|------------------------|----------------------|----------------------|------------|------------------|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector Options | Shine Ring | Cable Options |

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- 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 Monopoint Surface Canopy |
| Brand: Prolicht |
| Division: Architectural |
| Mounting Type: Suspension |
| Mounting Location: Ceiling |
| Subcategory: Pendant |

| Mounting Location: Ceiling |
|---|
| Subcategory: Pendant |
| PHYSICAL |
| Shape: Cylinder |
| Diameter (mm): 75 |
| Diameter (in): 2 15/16 |
| Height (mm): 300 |
| Height (in): 11 13/16 |
| Max. Overall Height (mm): 2300 |
| Max. Overall Height (in): 90 % |
| Light Distribution: Downlight |
| Diffuser: Shine Ring 0-6 |
| Firsture Finish, CCD / DIVI / CDV / HAD / HET / ITA / DHA / FTC / MVC |

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

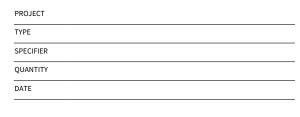
RATINGS AND CERTIFICATIONS

IP rating: IP20

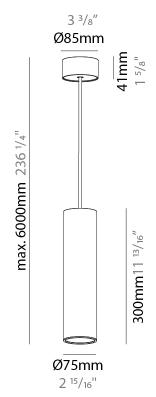
Certified By: Certified for North American Standards

Cable Details: 2000mm / 6000mmm Cable in White / Black / Orange / Red

| ELECTRICAL |
|--|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 10.9 |
| Total Output Wattage (W): 9 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current |
| Driver Class: Class 2 |
| Housing: ENCP3 |
| Input Voltage (V): 120 |
| Constant Current (MA): 500 |
| Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac |
| LED |
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 4000 |
| Max. Delivered Lumen (lm): 923 |
| CRI: >90 CRI |
| Efficiency (%): 86 |
| Lamp Life (hrs): 50000 |
| OPTICAL |
| Reflector°: 18 / 36 / 52 |







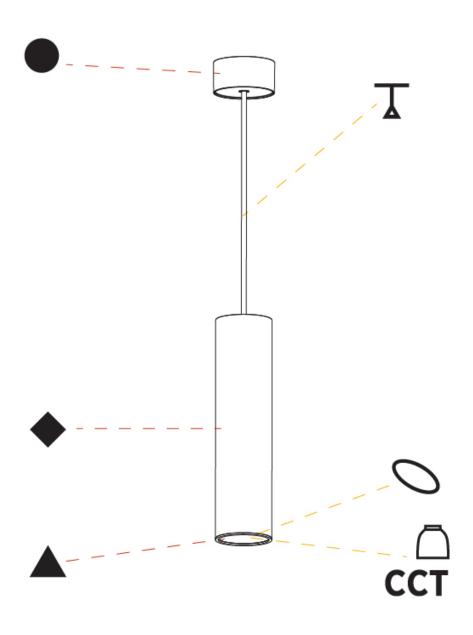




SUSPENSION

A300166-

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SUSPENSION

| A300169- | | - | - | - | - | - | |
|-------------|----------------------|-----------------------|------------------------|----------------------|----------------------|------------|------------------|
| base number | Color Temperature | Finishes (Diamond) | Finishes (Triangle) | Finishes (Circle) | Reflector Options | Shine Ring | Cable Options |

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- 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 Monopoint Surface Canopy | |
| Brand: Prolicht | |
| Division: Architectural | |
| Mounting Type: Suspension | |
| Mounting Location: Ceiling | |
| Subcategory: Pendant | |

| Mounting Location: Ceiling |
|---|
| Subcategory: Pendant |
| PHYSICAL |
| Shape: Cylinder |
| Diameter (mm): 75 |
| Diameter (in): 2 15/16 |
| Height (mm): 450 |
| Height (in): 17 11/16 |
| Max. Overall Height (mm): 2450 |
| Max. Overall Height (in): 96 ½ |
| Light Distribution: Downlight |
| Diffuser: Shine Ring 0-6 |
| Firsture Finish, CCD / DIVI / CDV / HAD / HET / ITA / DHA / FTC / MVC |

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

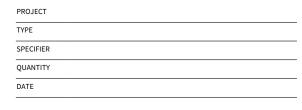
Fixture Material: Aluminum

Cable Details: 2000mm / 6000mmm Cable in White / Black / Orange / Red

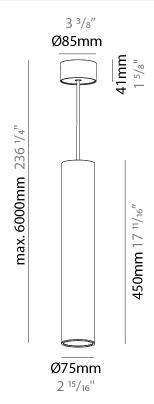
ELECTRICAL

IP rating: IP20

| ELECTRICAL |
|--|
| Lamp Type: LED (Zhaga Standard) |
| Input Wattage (W): 20 |
| Total Output Wattage (W): 18.9 |
| Dimming: Non-Dimmable |
| Driver Included: Yes |
| Driver Location: Integrated |
| Driver Type: Constant Current |
| Driver Class: Class 2 |
| Housing: ENCP3 |
| Input Voltage (V): 120 |
| Constant Current (MA): 500 |
| Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac |
| LED |
| Number of LEDs: 1 |
| Color Temperature (°K): 2700 / 3000 / 4000 |
| Max. Delivered Lumen (lm): 1680 |
| CRI: >90 CRI |
| Efficiency (%): 86 |
| Lamp Life (hrs): 50000 |
| OPTICAL |
| Reflector°: 18 / 36 / 52 |
| RATINGS AND CERTIFICATIONS |







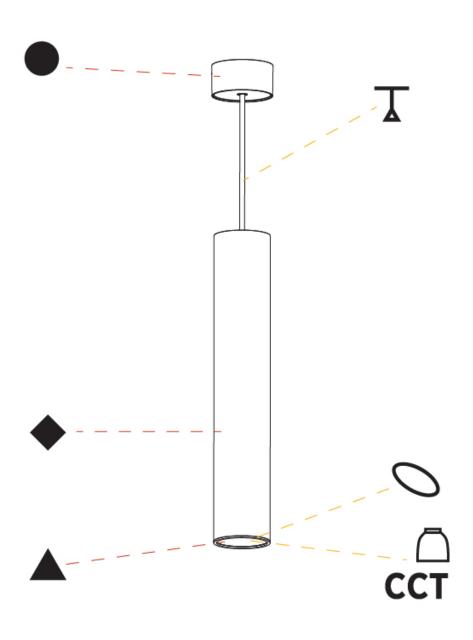




SUSPENSION

A300169-

| ROJECT | |
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HANGOVER

COLOR FINISH CHART

| 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.

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.





HANGOVER

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

LEGEND

| | ing W | | 8 N.S | | special LED (upon request) PGR_PGRW_tunable |
|---------------|--|----------|--|----------------|--|
| <u></u> | floor-mounted | Á | pivotable | ⊛ | special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+ |
| 7 | wall and ceiling: recessed and surface mounted | S | 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 | THEO | fixture with natural vivid LED (upon request) |
| Y | omni-directional light distribution | ← | length of suspension cable | CRI | color rendering index |
| À | direct light distribution | | reflector degree selection | (°K) | color temperature |
| | direct/indirect light distribution | s s | super spot | (M) | 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 |
| | aura light distribution | 0 | shine ring | * | marine grade (AISI 316 stainless steel) |
| R | round wall or ceiling cut-out | 0 | integrated shine ring with diffuser | 3 | walk on |
| Z) | square wall or ceiling cut-out | Ġ | free individual colors 01-29 | ② | drive on |
| € € | the supplied jig specifies the cutout dimensions | C | individual colors: 00 (free of charge), 01-25 (extra charge) | OSC | Dark Sky Compliance |
| G ** | minimum distance (meters) lamp - object | • | 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 | lack | 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 |
| 1 | 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 |
| 8 | separately switchable | \odot | indirect diffuser | . (II) | ETL Certified to UL and CSA Standards |
| 9 | sensor | O | direct diffuser | ւՄա | UL Certified to UL and CSA Standards |
| | remote control | \oplus | ball-proof (upon request) | (II) | CSA Certified to UL and CSA Standards |
| J | available upon request | 0 | 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 |
| 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)

above the surface)

| ІКОЗ | 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) $$ |
| IKOB | protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) |
| IK09 | protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface) |
| IK10 | protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface) $$ |

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