

# **A3CLK25-TRI-SYS COMPONENTS TRIMLESS**

# PROJECT TYPE NOTES QUANTITY DATE

# A35643-

#### DESCRIPTION

Clicktrack 25 - Trimless - 1000mm / 39 3/8" Aluminum Profile - Black - Max 3000mm / 118 1/8"

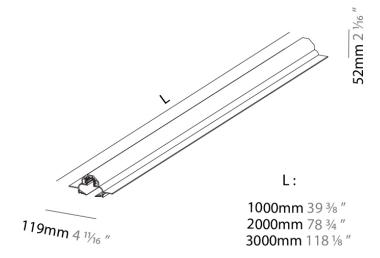
## **GENERAL**

# **RATINGS AND CERTIFICATIONS**

Fixture Material: Extruded Aluminum

 $\underline{\hbox{Certified By: Certified for North American Standards}}$ 















# A380052-

#### DESCRIPTION

Magiq 4 Korona - Insert for Hypro 30 / 2LOOK4 25 Magtrack -16.3W LED (Zhaga Standard) - Black - 2700K / 3000K / 4000K -Reflector  $10^{\circ}$  /  $20^{\circ}$  /  $40^{\circ}$ 

## **GENERAL**

Series: Magiq Subseries: Magiq 4 Cell Brand: Prolicht

Division: Architectural PHYSICAL Shape: Rectangle Length (mm): 167 Length (in): 6 % 16 Width (mm): 30 Width (in): 1 3/16 Height (mm): 55 Height (in): 2 1/16 Light Distribution: Direct Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG /  ${\sf MYG\,/\,LOD\,/\,PUS\,/\,FRO\,/\,FUP\,/\,KIA\,/\,POP\,/\,BLS\,/\,SPG\,/\,MEY\,/\,GOH\,/}$ GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum Die Cast

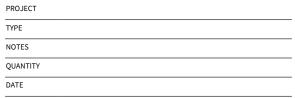
#### **ELECTRICAL**

Input Wattage Range: 10 - 19 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 16.3 Dimming: Non-Dimmable Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 1050 Upon Request: 0-10Vdc Dimming / DALI

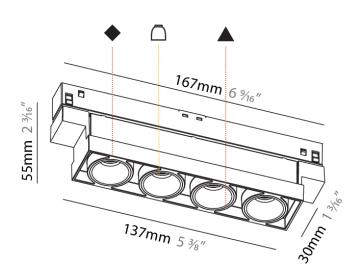
Delivered Lumen Range: 500 - 999 lm Number of LEDs: 4 Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 780 / 850 / 862 / 880 CRI: >90 CRI Lamp Life (hrs): 50000 Upon Request: Special Color Temperature \*\*\*3500K available in minimum quantities (larger quantities upon request) OPTICAL

Reflector°: 10 / 20 / 40 Upon Request: Special Beam Angles

#### **RATINGS AND CERTIFICATIONS**











# A380062-

#### DESCRIPTION

Magiq 4 - Insert for Hypro 30 / 2LOOK4 25 Magtrack - 16.3W LED (Zhaga Standard) - Black - 2700K / 3000K / 4000K - Reflector:  $10^{\circ}$  /  $20^{\circ}$  /  $40^{\circ}$ 

#### **GENERAL**

Series: Clicktrack
Subseries: Magiq 4 Cell
Brand: Prolicht
Division: Architectural

Division: Architectural

PHYSICAL

Shape: Rectangle

Length (mm): 167

Length (in): 6 %<sub>16</sub>

Width (mm): 30

Width (in): 1 %<sub>16</sub>

Height (mm): 55

Height (in): 2 %<sub>16</sub>

Light Distribution: Direct

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 Die Cast

# **ELECTRICAL**

Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 16.3
Dimming: Non-Dimmable
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 48
Constant Current (MA): 1050
Upon Request: 0-10Vdc Dimming / DALI

#### LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 780 / 850 / 862 / 880

CRI: >90 CRI

Lamp Life (hrs): 50000

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

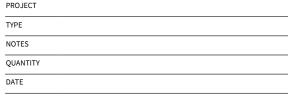
#### OPTICAL

Reflector°: 10 / 20 / 40 Upon Request: Special Beam Angles

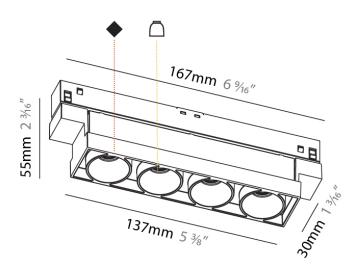
Delivered Lumen Range: 500 - 999 lm

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# PROJECT TYPE NOTES QUANTITY DATE

# A380106-

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Hangover 75 - Indirect Diffuser

#### **GENERAL**

Series: Hangover
Subseries: Hangover 75
Brand: Prolicht
Division: Architectural

#### **PHYSICAL**

Shape: Round
Diameter (mm): 70
Diameter (in): 2 <sup>3</sup>/<sub>4</sub>
Fixture Finish: RED / ORG / YEL / GRN / BLU
Fixture Material: Acrylic

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20



68mm 2 11/16"







# A38801

#### DESCRIPTION

Clicktrack 25 - Trimless - End Cap - Black

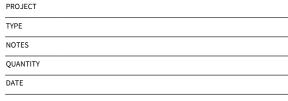
#### GENERAL

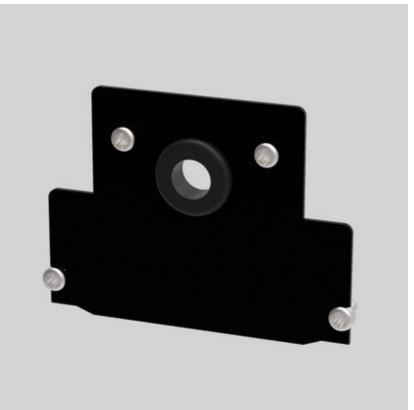
CENTEROLE	
Series: Clicktrack	
Subseries: Clicktrack 25	
Brand: Prolicht	
Division: Architectural	
PHYSICAL	
Length (mm): 68	

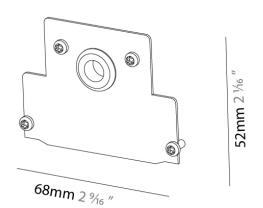
Length (mm): 68
Length (in): 2 11/16
Width (mm): 9
Width (in): 6/16
Height (mm): 52
Height (in): 2 ½
Weight (kg): 0.026
Weight (lbs): 0.057
Fixture Material: Aluminum

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards













# A38802

#### DESCRIPTION

Clicktrack 25 - Trimless - Linear Coupler - Black

	NERAL
Ser	ries: Clicktrack
Sul	oseries: Clicktrack 25
Bra	and: Prolicht
Div	ision: Architectural
PH	YSICAL
	<b>YSICAL</b> ape: Rectangle
Sha	
Sha Ler	ape: Rectangle

Width (mm): 18 Width (in): 11/16 Height (mm): 16

Height (in): 10/16 Weight (kg): 0.02 Weight (lbs): 0.044

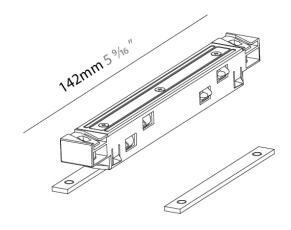
Fixture Finish: BLK

Fixture Material: Aluminum

**RATINGS AND CERTIFICATIONS** Certified By: Certified for North American Standards

















# A38803

#### DESCRIPTION

Clicktrack - Trimless - 48V Power Feed - Black

# GENERAL

OLIVLIA IL
Series: Clicktrack
Subseries: Clicktrack 25
Brand: Prolicht
Division: Architectural
PHYSICAL
Shape: Rectangle
Length (mm): 143

Length (in): 5 10/16

Width (mm): 16

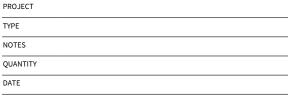
Width (in): 10/16

Height (mm): 18 Height (in): 11/16 Weight (kg): 0.042

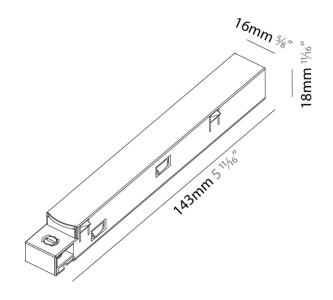
Weight (lbs): 0.09

Fixture Finish: BLK
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS
Certified By: Certified for North American Standards













# A38804

#### DESCRIPTION

Clicktrack 25 - Trimless - Corner Coupler 90° - Black

GENERAL
Series: Clicktrack
Subseries: Clicktrack 25
Brand: Prolicht
Division: Architectural
PHYSICAL
Length (mm): 1073
Length (in): 42 ½
Width (mm): 1073
Width (in): 42 <sup>4</sup> / <sub>16</sub>
Height (mm): 52

# Fixture Material: Aluminum **RATINGS AND CERTIFICATIONS**

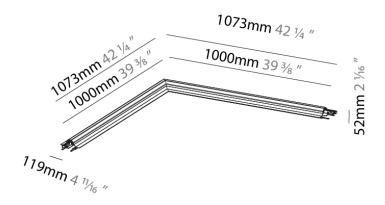
Certified By: Certified for North American Standards

IP rating: IP20

Height (in): 2  $\frac{1}{16}$ Weight (kg): 4.596 Weight (lbs): 10.13 Fixture Finish: BLK













# A38805

#### DESCRIPTION

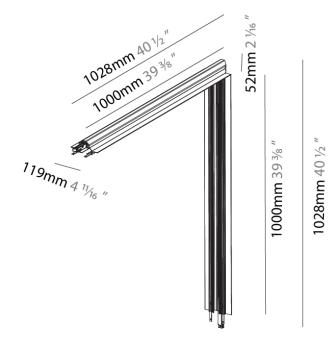
Weight (lbs): 10
Fixture Finish: BLK
Fixture Material: Aluminum

Clicktrack 25 - Trimless - Vertical Coupler 90° - Black

GENERAL
Series: Clicktrack
Subseries: Clicktrack 25
Brand: Prolicht
Division: Architectural
PHYSICAL
Length (mm): 1028
Length (in): 40 $\frac{1}{2}$
Width (mm): 1028
Width (in): 40 ½
Height (mm): 52
Height (in): $2\frac{1}{16}$
Weight (kg): 4.541













# A38806

#### DESCRIPTION

Clicktrack 25 - Trimless - Frame Alignment Kit

#### **GENERAL**

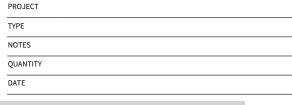
Series: Clicktrack
Subseries: Clicktrack 25
Brand: Prolicht
Division: Architectural
PHYSICAL
PHYSICAL Length (mm): 67
· · · · · · · · ·
Length (mm): 67

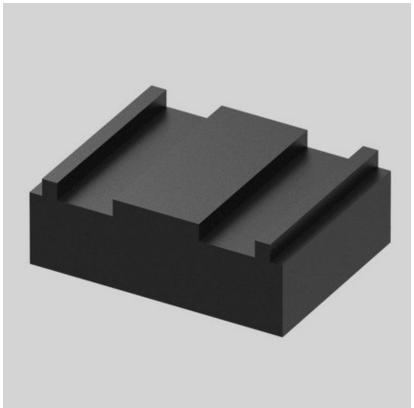
Width (in): 1 15/16
Height (mm): 19
Height (in): 12/16
Weight (kg): 0.033

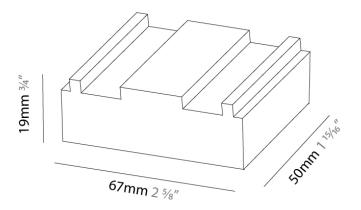
Weight (lbs): 0.07 Fixture Finish: BLK

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards













# A3T078-

#### DESCRIPTION

Centriq - Track Head - 30mm / 13/16" - 4.3W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Lens 24°/32°

#### **GENERAL**

Series: Centriq Subseries: Centriq 125 Brand: Prolicht Division: Architectural

**PHYSICAL** Shape: Cylinder Diameter (mm): 30 Diameter (in):  $1\frac{3}{16}$ Length (mm): 170 Length (in): 6 11/16 Height (mm): 99 Height (in):  $3\frac{7}{8}$ Light Distribution: Adjustable / Direct Weight (kg): 0.063 Weight (lbs): 0.139 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

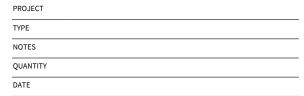
**ELECTRICAL** Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 4.3 Total Output Wattage (W): 3.9 Dimming: Non-Dimmable Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 340 Upon Request: 0-10Vdc dimming / DALI dimming

Delivered Lumen Range: 100 - 499 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 260 / 270 / 290 Nominal Lumen (lm): 343.9 / 359.9 / 391.8 CRI: >90 CRI Upon Request: Special Color Temperature \*\*\*3500K available in minimum quantities (larger quantities upon request)

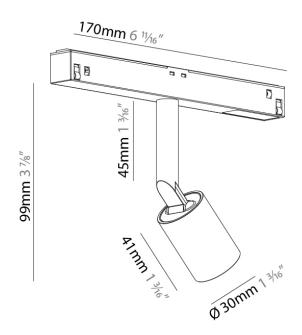
#### **OPTICAL**

Opticº: 24 / 32 Adjustability: Rotational 360°; Tilt 90° **Upon Request: Special Beam Angles** 

# **RATINGS AND CERTIFICATIONS**













# A3T079-

#### DESCRIPTION

Centriq - Track Head - 40mm / 19/16" - 6.31W LED (Zhaga Standard) - 2700K / 3000K / 4000K

#### **GENERAL**

Series: Centriq Brand: Prolicht Division: Architectural

#### **PHYSICAL**

Shape: Cylinder Diameter (mm): 40 Diameter (in): 1 1/16

Length (mm): 170 Length (in): 6 11/16

Height (mm): 113 Height (in):  $4\frac{7}{16}$ 

Light Distribution: Adjustable / Direct

Weight (kg): 0.117 Weight (lbs): 0.258

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

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.31 Total Output Wattage (W): 5.74 Dimming: Non-Dimmable / 0-10V Dimming Driver Included: No Driver Type: Constant Voltage - 120Vac Driver Class: Class 2

#### LED

Delivered Lumen Range: 100 - 499 lm

Number of LEDs: 1

Input Voltage (V): 48

Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 360 / 390 / 420

Nominal Lumen (lm): 448.1 / 483.1 / 513.9

CRI: >90 CRI

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

#### OPTICAL

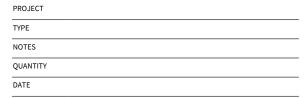
Beam Angle: 10

Adjustability: Rotational 360°; Tilt 90°

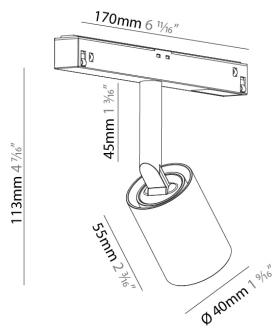
Upon Request: Special Beam Angles

## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards













# A3T080-

#### DESCRIPTION

Centriq - Track Head - 40mm / 19/16" - 6.6W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Dimmable - Reflector: 20°/31°/36°/40°/50°

#### **GENERAL**

Series: Centria Brand: Prolicht Division: Architectural

PHYSICAL Shape: Cylinder Diameter (mm): 40 Diameter (in): 1 % Length (mm): 170 Length (in): 6 11/16 Height (mm): 113 Height (in): 4 1/16 Light Distribution: Adjustable / Direct Weight (kg): 0.144 Weight (lbs): 0.318

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

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.5 Total Output Wattage (W): 5.9 Driver Included: No

LED Delivered Lumen Range: 500 - 999 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 468 / 490 / 520 Nominal Lumen (lm): 732 / 769 / 780 CRI: >90 CRI Upon Request: Special Color Temperature \*\*\*3500K available in minimum quantities (larger quantities upon request)

OPTICAL

Reflector°: 20 / 40 / 50

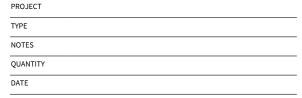
Optic°: 31 / 36

Adjustability: Rotational 360°; Tilt 90°

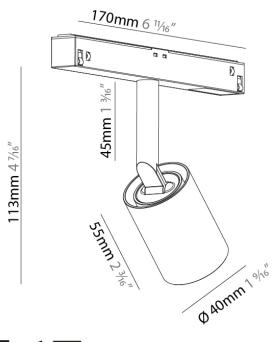
Upon Request: Special Beam Angles

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards













# A3T081-

#### DESCRIPTION

Centriq - Track Head - 55mm / 2 3/16" - 9.2W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Dimmable

#### **GENERAL**

Series: Centriq Brand: Prolicht Division: Architectural

#### **PHYSICAL**

Shape: Cylinder Diameter (mm): 55 Diameter (in): 2 1/16

Length (mm): 170 Length (in): 6 11/16 Height (mm): 137

Height (in): 5 1/8 Light Distribution: Adjustable / Direct

Weight (kg): 0.54 Weight (lbs): 1.19

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

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 9.2 Total Output Wattage (W): 8.4 Driver Included: No

Delivered Lumen Range: 500 - 999 lm Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 486 / 524 / 548

Nominal Lumen (lm): 625.3 / 660.1 / 712.4 CRI: >90 CRI

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

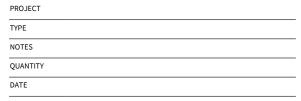
## OPTICAL

Reflector°: 9

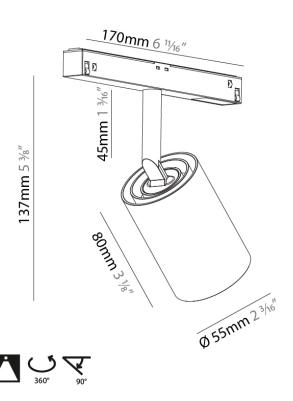
Adjustability: Rotational 360°; Tilt 90° Upon Request: Special Beam Angles

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# A3T082-

#### DESCRIPTION

Centriq - Track Head - 55mm / 23/16" - 12.1W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Dimmable - 15° / 17° / 25° / 33° / 35° / 46°

#### **GENERAL**

Series: Centria Brand: Prolicht Division: Architectural

Mounting Type: Track **PHYSICAL** Shape: Cylinder Diameter (mm): 55 Diameter (in): 2 1/16 Length (mm): 170 Length (in): 6 11/16 Height (mm): 137 Height (in): 5 1/8 Light Distribution: Adjustable / Direct Weight (kg): 0.548 Weight (lbs): 1.21 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

#### **ELECTRICAL**

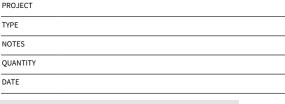
Fixture Material: Aluminum

Input Wattage Range: 10 - 19 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 11.8 Total Output Wattage (W): 11.2 Dimming: Non-Dimmable Driver Included: No Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 600 Upon Request: 0-10Vdc dimming

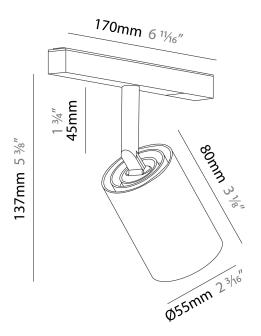
Delivered Lumen Range: 500 - 999 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 720 / 760 / 820 Nominal Lumen (lm): 1196 / 1257 / 1275 CRI: >90 CRI Lamp Life (hrs): 50000 Upon Request: Special Color Temperature \*\*\*3500K available in minimum quantities (larger quantities upon request)

Reflector°: 17 / 33 / 46 Optic°: 15 / 25 / 35 Adjustability: Rotational 360°; Tilt 90° Upon Request: Special Beam Angles

# **RATINGS AND CERTIFICATIONS**











# A3T086-

#### DESCRIPTION

LED (Zhaga Standard)line - Light Insert - 620mm/24 7/16" - 6.7W / 8W LED (Zhaga Standard) - 2700K / 000K / 4000K - Dimmable

## **GENERAL**

Series: Clicktrack
Subseries: Ledline
Brand: Prolicht
Division: Architectural
PHYSICAL

# Shape: Rectangle

Shape: Rectangle
Length (mm): 620
Length (in): 24 <sup>7</sup> / <sub>16</sub>
Width (mm): 23
Width (in): 7/8
Height (mm): 43
Height (in): 1 11/16
Light Distribution: Direct
Weight (kg): 0.405
Weight (lbs): 0.89
Fixture Material: Aluminum Die Cast

#### **ELECTRICA**

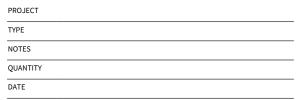
ELECTRICAL
Input Wattage Range: 1 - 9 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6.6 / 7.9
Total Output Wattage (W): 6 / 7.2
Dimming: 0-10V Dimming
Driver Included: No

# LED

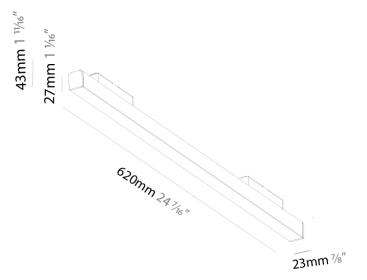
Delivered Lumen Range: 100 - 499 lm	
Color Temperature (°K): 2700 / 3000 / 4000	
Max. Delivered Lumen (lm): 360 / 540	
Nominal Lumen (lm): 600 / 900	
CRI: >90 CRI	
Upon Request: Special Color Temperature	

#### **RATINGS AND CERTIFICATIONS**

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













# A3T087-

#### DESCRIPTION

LED (Zhaga Standard)line - Light Insert - 820mm / 32 5/16" - 8.9W / 10.7W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Dimmable

#### **GENERAL**

Series: Clicktrack
Subseries: Ledline
Brand: Prolicht
Division: Architectural

# PHYSICAL

Shape: Rectangle

Length (mm): 820

Length (in): 32  $\frac{5}{16}$ Width (mm): 23

Width (in): 7/8

Height (mm): 43

Height (in): 1  $\frac{11}{16}$ Light Distribution: Direct

Weight (kg): 0.531

Weight (lbs): 1.17

Fixture Material: Aluminum Die Cast

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 8.8 / 10.6
Total Output Wattage (W): 8 / 9.6
Dimming: Non-Dimmable / 0-10V Dimming
Driver Included: No
Input Voltage (V): 48

#### LED

Delivered Lumen Range: 500 - 999 lm

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

Max. Delivered Lumen (lm): 480 / 720

Nominal Lumen (lm): 800 / 1200

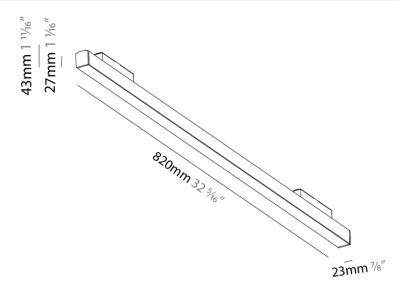
CRI: >90 CRI

Upon Request: Special Color Temperature

#### **RATINGS AND CERTIFICATIONS**











# A3T088-

#### DESCRIPTION

LED (Zhaga Standard) line - Light Insert - 1020mm / 40 3/16" - 11.1W / 13.3W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Dimmable

#### **GENERAL**

Series: Clicktrack
Subseries: Ledline
Brand: Prolicht
Division: Architectural

Prand: Prolicht

Division: Architectural

PHYSICAL

Shape: Rectangle

Length (mm): 1020

Length (in): 40  $^{3}/_{16}$ Width (mm): 23

Width (in): 7/8

Height (mm): 43

Height (in): 1  $^{11}/_{16}$ Light Distribution: Direct

Weight (kg): 0.655

Weight (lbs): 1.44

Fixture Material: Aluminum Die Cast

ELECTRICAL

Input Wattage Range: 10 - 19 W
Input Wattage (W): 11.0 / 13.2
Total Output Wattage (W): 10 / 12
Driver Included: No

## LED

Delivered Lumen Range: 500 - 999 lm

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

Max. Delivered Lumen (lm): 600 / 900

Nominal Lumen (lm): 1000 / 1500

CRI: >90 CRI

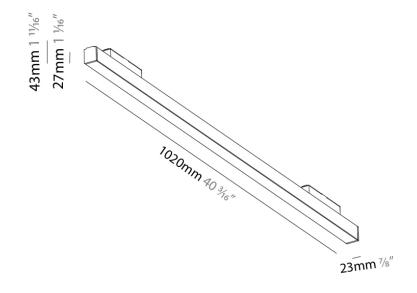
Upon Request: Special Color Temperature

# **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# A3T089-

#### DESCRIPTION

LED (Zhaga Standard)line - Light Insert - 1220mm / 48 1/16" - 13.3W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Dimmable

#### **GENERAL**

Series: Clicktrack
Subseries: Ledline
Brand: Prolicht
Division: Architectural

# PHYSICAL

Shape: Rectangle
Length (mm): 1220
Length (in): 48 ½,6
Width (mm): 23
Width (in): 7/8
Height (mm): 43
Height (in): 1 ½,6
Light Distribution: Direct
Weight (kg): 0.764
Weight (lbs): 1.684
Fixture Material: Aluminum Die Cast

ELECTRICAL
Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 13.2 / 15.8
Total Output Wattage (W): 12 /
Dimming: 0-10V Dimming
Driver Included: No

# LED

Delivered Lumen Range: 500 - 1999 lm

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

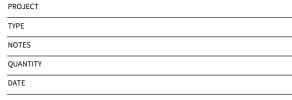
Max. Delivered Lumen (lm): 720 / 1080

Nominal Lumen (lm): 1200

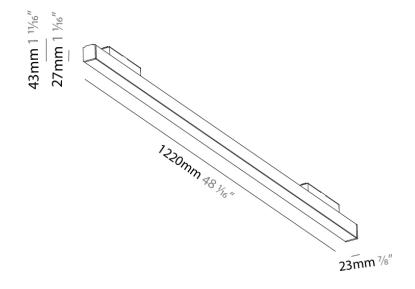
CRI: >90 CRI

Upon Request: Special Color Temperature

## **RATINGS AND CERTIFICATIONS**











# A3T090-

#### DESCRIPTION

Snooker - Track Head - 6.4W LED (Zhaga Standard) - 2700K / 3000K / 4000K

#### **GENERAL**

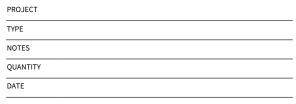
Series: Snooker Subseries: Snooker Modular System Brand: Prolicht Division: Architectural

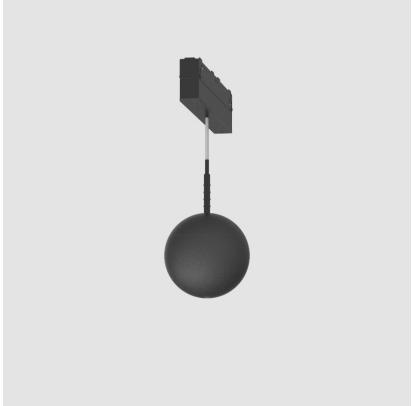
Subcategory: Spots PHYSICAL Shape: Round Diameter (mm): 72 Diameter (in): 2 13/16 Length (mm): 170 Length (in): 6 11/16 Height (mm): 72 Height (in): 2 13/16 Max. Overall Height (mm): 2072 Max. Overall Height (in): 81 1/16 Light Distribution: Downlight Weight (kg): 0.506 Weight (lbs): 1.12 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH /

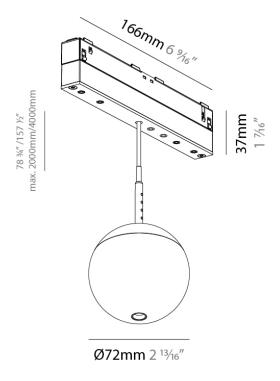
 ${\sf GUM\,/\,CHC\,/\,COM\,/\,ABZ\,/\,JAG\,/\,OBR\,/\,MOS\,/\,ROR}$ Fixture Material: Aluminum Die Cast **ELECTRICAL** Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.4 Total Output Wattage (W): 5.8 Dimming: Non-Dimmable Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 500 Upon Request: 0-10Vdc dimming / DALI dimming LED

Delivered Lumen Range: 100 - 499 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 270 / 290 / 304 / 310 Nominal Lumen (lm): 448 / 483 / 504 / 514 CRI: >90 CRI Upon Request: Special Color Temperature \*\*\*3500K available in minimum quantities (larger quantities upon request)

#### RATINGS AND CERTIFICATIONS











# A3T091-

#### DESCRIPTION

Snooker Shine - Track Head - 6.4W LED (Zhaga Standard) -2700K / 3000K / 4000K - Diffuser Shine Ring

#### **GENERAL**

Series: Snooker Subseries: Snooker Modular System Brand: Prolicht

Division: Architectural Subcategory: Spots PHYSICAL Shape: Round Diameter (mm): 72 Diameter (in): 2 13/16 Length (mm): 170 Length (in): 6 11/16 Height (mm): 72 Height (in): 2 13/16 Max. Overall Height (mm): 2072 Max. Overall Height (in): 81 1/16 Light Distribution: Direct Weight (kg): 0.506 Weight (lbs): 1.12 Diffuser: Shine Ring 1-6 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 Die Cast

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.4 Total Output Wattage (W): 5.8 Dimming: Non-Dimmable Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 500 Upon Request: 0-10Vdc dimming

Delivered Lumen Range: 100 - 499 lm

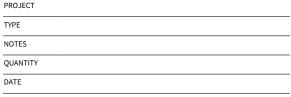
Number of LEDs: 1

Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 280 / 310 / 330 Nominal Lumen (lm): 448.1 / 483.1 / 513.9

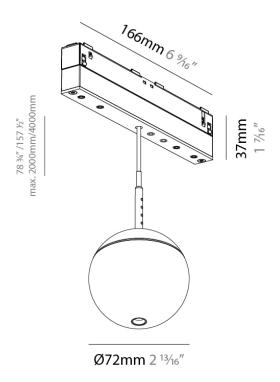
CRI: >90 CRI

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

#### RATINGS AND CERTIFICATIONS











# A3T117

#### DESCRIPTION

Hangover Plug - Track Head - 28mm /  $1\,1/8$ " x 150mm /  $5\,7/8$ " -6.4W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Lens 24°/32°/34°/55°/58°

#### **GENERAL**

Series: Clicktrack

Subseries: Hangover Plug Standard (Track Insert)

Brand: Prolicht

Division: Architectural

Mounting Type: Track

Mounting Location: Ceiling

Subcategory: Spots

#### **PHYSICAL**

Shape: Cylinder

Diameter (mm): 28

Diameter (in): 1 1/8

Length (mm): 166

Length (in): 6 %

Height (mm): 150

Height (in):  $5\frac{7}{8}$ 

Max. Overall Height (mm): 2150

Max. Overall Height (in): 84 1/8

Light Distribution: Downlight

Weight (kg): 0.2

Weight (lbs): 0.44

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

Fixture Material: Aluminum

Cable Details: 2,000mm or 4,000mm Cable - Black

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 6.4

Total Output Wattage (W): 5.8

Dimming: Non-Dimmable

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 48

Constant Current (MA): 500

Upon Request: 0-10Vdc dimming / DALI dimming

# LED

Delivered Lumen Range: 100 - 499 lm

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 328 / 363 / 386

CRI: >90 CRI

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

#### OPTICAL

Optic°: 24 / 32 / 34 / 55 / 58

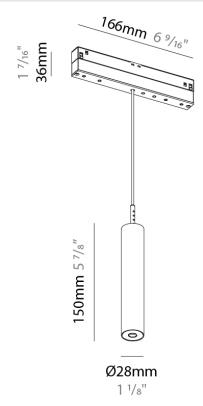
## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20 Zaneen Group Inc. © 2024. T 1800-388-3382. F 416-247-9319. www.zaneen.com

**PROJECT** TYPE NOTES QUANTITY DATE







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# A3T118-

#### DESCRIPTION

#### **GENERAL**

Series: Clicktrack

Subseries: Hangover Plug Standard (Track Insert)

Brand: Prolicht

Division: Architectural

Mounting Type: Track

Mounting Location: Ceiling

Subcategory: Pendant

#### **PHYSICAL**

Shape: Cylinder

Diameter (mm): 28

Diameter (in): 1 1/8

Height (mm): 300

Height (in): 11 13/16

Max. Overall Height (mm): 2300

Max. Overall Height (in): 90 1/16

Light Distribution: Downlight

Weight (kg): 0.32

Weight (lbs): 0.706

Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CLM / CLG / COM / ARZ / LAG / ORD / LAGS / ROD

GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

Cable Details: 2,000mm or 4,000mm Cable - Black

# **ELECTRICAL**

Input Wattage Range: 1 - 9 W

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 6.4

Total Output Wattage (W): 5.8

Dimming: Non-Dimmable

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 48

Constant Current (MA): 500

Upon Request: 0-10Vdc dimming / DALI dimming

# LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 328 / 363 / 386

CRI: >90 CRI

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

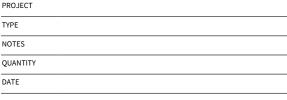
#### OPTICAL

Optic°: 24 / 32 / 34 / 55 / 58

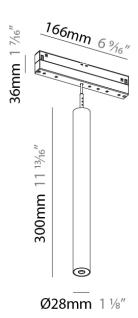
#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20











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# A3T119-

#### DESCRIPTION

 $\label{eq:hamm} Hangover\ Plug\ -\ Track\ Head\ -\ 28mm\ /\ 11/8"\ x\ 450mm\ /\ 17\ 11/16"\ -\ 6.4W\ LED\ (Zhaga\ Standard)\ -\ 2700K\ /\ 3000K\ /\ 4000K\ -\ Lens\ 24^{\circ}/32^{\circ}/34^{\circ}/55^{\circ}/58^{\circ}$ 

#### **GENERAL**

Series: Clicktrack

Subseries: Hangover Plug Standard (Track Insert)

Brand: Prolicht

Division: Architectural

Mounting Type: Track

Mounting Location: Ceiling

Subcategory: Pendant

#### **PHYSICAL**

Shape: Cylinder

Diameter (mm): 28

Diameter (in): 1 1/8

Height (mm): 450

Height (in): 17 11/16

Max. Overall Height (mm): 2450

Max. Overall Height (in):  $96\frac{7}{16}$ 

Light Distribution: Downlight

Weight (kg): 0.32

Weight (lbs): 0.706

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: 2,000mm or 4,000mm Cable - Black

#### ELECTRICAL

Input Wattage Range: 1 - 9 W

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 6.4

Total Output Wattage (W): 5.8

Dimming: Non-Dimmable

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 48

Constant Current (MA): 500

Upon Request: 0-10Vdc dimming / DALI dimming

#### LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 328 / 363 / 386

CRI: >90 CRI

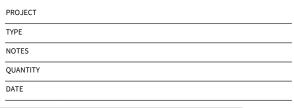
Upon Request: \*\*\*3500K available in minimum quantities (larger quantities upon request)

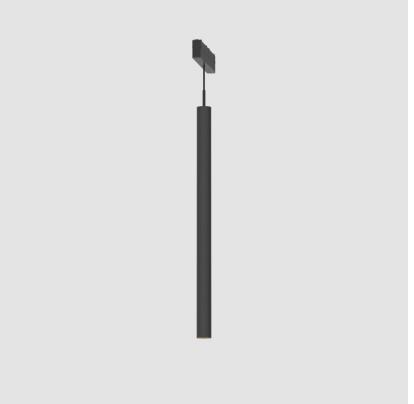
#### OPTICAL

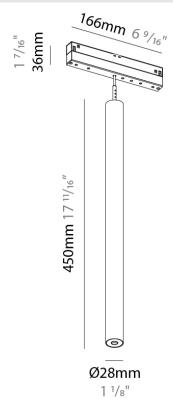
Optic°: 24 / 32 / 34 / 55 / 58

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# A3T120-

#### DESCRIPTION

Hangover Plug Shine - Track Head -  $28mm / 11/8" \times 150mm / 5$ 7/8" - 6.4W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Lens 24°/32°/58° - Shine Ring

#### **GENERAL**

Series: Clicktrack

Subseries: Hangover Plug Standard (Track Insert)

Brand: Prolicht

Division: Architectural

Mounting Type: Track

Mounting Location: Ceiling

Subcategory: Pendant

#### **PHYSICAL**

Shape: Cylinder

Diameter (mm): 28

Diameter (in): 1 1/8

Length (mm): 166

Length (in): 6 %

Height (mm): 150

Height (in):  $5\frac{7}{8}$ 

Max. Overall Height (mm): 2150

Max. Overall Height (in): 84 1/8

Light Distribution: Downlight

Weight (kg): 0.2

Weight (lbs): 0.44

Diffuser: Shine Ring 1-6

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: 2,000mm or 4,000mm Cable - Black

Input Wattage Range: 1 - 9 W

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 6.4

Total Output Wattage (W): 5.8

Dimming: Non-Dimmable

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 48 Constant Current (MA): 500

Upon Request: 0-10Vdc dimming / DALI dimming

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 328 / 363 / 386

CRI: >90 CRI

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

# OPTICAL

Optic°: 24 / 32 / 58

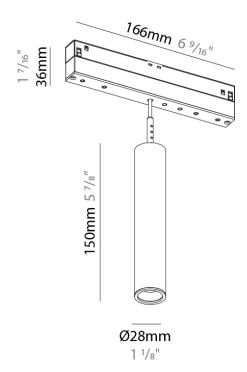
## **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20 Zaneen Group Inc. © 2024. T 1800-388-3382. F 416-247-9319. www.zaneen.com

**PROJECT** TYPE NOTES QUANTITY DATE









# A3T121-

#### DESCRIPTION

 $\label{eq:hamm} Hangover\ Plug\ Shine -\ Track\ Head -\ 28mm\ /\ 1\ 1/8"\ x\ 300mm\ /\ 11\ 13/16" -\ 6.4W\ LED\ (Zhaga\ Standard) -\ 2700K\ /\ 3000K\ /\ 4000K\ -\ Lens\ 24°/32°/58° -\ Shine\ Ring$ 

#### **GENERAL**

Series: Clicktrack

Subseries: Hangover Plug Standard (Track Insert)

Brand: Prolicht

Division: Architectural

Mounting Type: Track

Mounting Location: Ceiling

Subcategory: Pendant

#### **PHYSICAL**

Shape: Cylinder

Diameter (mm): 28

Diameter (in):  $1\frac{1}{8}$ 

Height (mm): 300

Height (in): 11 13/16

Max. Overall Height (mm): 2300

Max. Overall Height (in): 90 1/16

Light Distribution: Downlight

Weight (kg): 0.32

Weight (lbs): 0.706

Diffuser: Shine Ring 1-6

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: 2,000mm or 4,000mm Cable - Black

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 6.4

Total Output Wattage (W): 5.8

Dimming: Non-Dimmable

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120

Constant Current (MA): 500

Upon Request: 0-10Vdc dimming / DALI dimming

## LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 328 / 363 / 386

CRI: >90 CRI

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

#### OPTICAL

Optic°: 24 / 32 / 58

# RATINGS AND CERTIFICATIONS

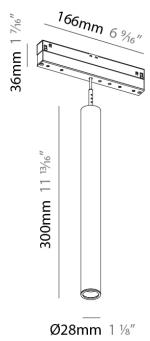
Certified By: Certified for North American Standards

IP rating: IP20



TYPE NOTES

QUANTITY







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# A3T122-

#### DESCRIPTION

 $\label{eq:hamm} Hangover\ Plug\ -\ Track\ Head\ -\ 28mm\ /\ 11/8"\ x\ 450mm\ /\ 17\\ 11/16"\ -\ 6.4W\ LED\ (Zhaga\ Standard)\ -\ 2700K\ /\ 3000K\ /\ 4000K\ -\ Lens\ 24°/32°/58°\ -\ Shine\ Ring$ 

#### **GENERAL**

Series: Clicktrack

Subseries: Hangover Plug Standard (Track Insert)

Brand: Prolicht

Division: Architectural

Mounting Type: Track

Mounting Location: Ceiling

Subcategory: Pendant

#### **PHYSICAL**

Shape: Cylinder

Diameter (mm): 28

Diameter (in): 1 1/8

Height (mm): 450

Height (in): 17 11/16

Max. Overall Height (mm): 2450

Max. Overall Height (in): 96 1/16

Light Distribution: Downlight

Weight (kg): 0.32

Weight (lbs): 0.706

Diffuser: Shine Ring 1-6

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: 2,000mm or 4,000mm Cable - Black

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 6.4

Total Output Wattage (W): 5.8

Dimming: Non-Dimmable

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 120

Constant Current (MA): 500

Upon Request: 0-10Vdc dimming / DALI dimming

## LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 328 / 363 / 386

CRI: >90 CRI

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

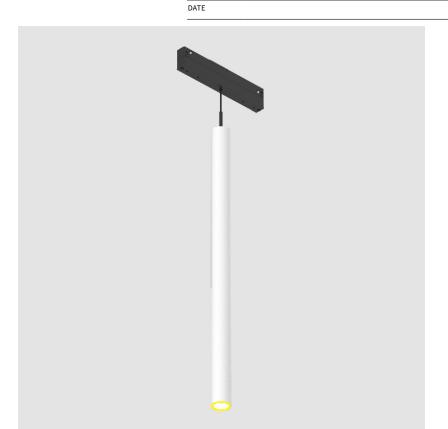
#### OPTICAL

Optic°: 24 / 32 / 58

# RATINGS AND CERTIFICATIONS

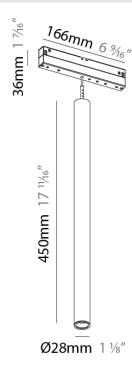
Certified By: Certified for North American Standards

IP rating: IP20



TYPE NOTES

QUANTITY







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# A3T129-

#### DESCRIPTION

Hangover 40 - Track Head - 150mm / 5 7/8" - 10W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Reflector 40°/50°

## **GENERAL**

Series: Hangover	
Subseries: Hangover 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Track	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 1/16
Height (mm): 150
Height (in): 5 $^{7}\!\!/_{8}$
Max. Overall Height (mm): 2150
Max. Overall Height (in): 84 ½
Light Distribution: Downlight
Weight (kg): 0.433
Weight (lbs): 0.955
Diffuser: Shine Ring 1-6
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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

# ELECTRICAL

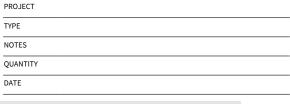
ELECTRICAL
Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 10
Total Output Wattage (W): 9.1
Dimming: Non-Dimmable
Driver Included: No
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 48
Constant Current (MA): 500
Upon Request: 0-10Vdc dimming / DALI dimming
LED

LED
Delivered Lumen Range: 500 - 999 lm
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 788 / 829 / 840
Nominal Lumen (lm): 1016 / 1068 / 1082
CRI: >90 CRI
Lamp Life (hrs): 50000

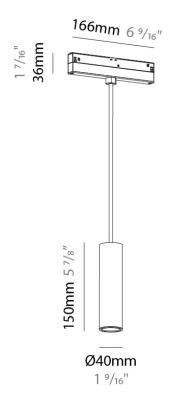
#### **OPTICAL**

Reflector°: 40 / 50

## **RATINGS AND CERTIFICATIONS**











# A3T130-

#### DESCRIPTION

Hangover 40 - Track Head - 300mm / 11 13/16" - 10W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Reflector 40°/50°

## **GENERAL**

Series: Hangover	
Subseries: Hangover 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Track	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 ½
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): 0.666
Weight (lbs): 1.468
Diffuser: Shine Ring 1-6
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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

ELECTRICAL
Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 10
Total Output Wattage (W): 9.1
Dimming: Non-Dimmable
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 48
Constant Current (MA): 500
Upon Request: 0-10Vdc dimming / DALI dimming

opon Request: 0-10vac aimming / DALi aimming
LED
Delivered Lumen Range: 500 - 999 lm
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 788 / 829 / 840
Nominal Lumen (lm): 1016 / 1068 / 1082
CRI: >90 CRI
OPTICAL

# Reflector°: 40 / 50

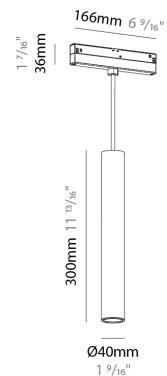
**RATINGS AND CERTIFICATIONS** Certified By: Certified for North American Standards

IP rating: IP20



PROJECT TYPE NOTES

QUANTITY







# A3T131-

#### DESCRIPTION

Hangover 40 - Track Head - 450mm / 17 11/16" - 10W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Reflector 40°/50°

## **GENERAL**

Series: Hangover	
Subseries: Hangover 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Track	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 % 16
Height (mm): 450
Height (in): 17 11/16
Max. Overall Height (mm): 2450
Max. Overall Height (in): 96 $\frac{7}{16}$
Light Distribution: Downlight
Weight (kg): 0.856
Weight (lbs): 1.887
Diffuser: Shine Ring 1-6
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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

ELECTRICAL
Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 10
Total Output Wattage (W): 9.1
Dimming: Non-Dimmable
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 48
Constant Current (MA): 500
Upon Request: 0-10Vdc dimming / DALI dimming

OPTICAL
CRI: >90 CRI
Nominal Lumen (lm): 1016 / 1068 / 1082
Max. Delivered Lumen (lm): 788 / 829 / 840
Color Temperature (°K): 2700 / 3000 / 4000
Number of LEDs: 1
Delivered Lumen Range: 500 - 999 lm
LED
Opon Request: 0-10vac aiiiiiiiiig / DALi aiiiiiiiiiig

# Reflector°: 40 / 50

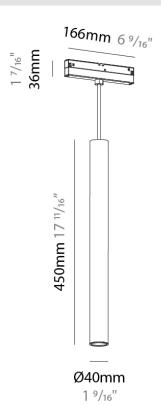
**RATINGS AND CERTIFICATIONS** Certified By: Certified for North American Standards IP rating: IP20





PROJECT TYPE NOTES

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# A3T132-

#### DESCRIPTION

Hangover Plug 40 - Track Head - 150mm / 5 7/8" - 10W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Reflector 40° / 50°

#### **GENERAL**

Series: Hangover Subseries: Hangover Plug 40 Brand: Prolicht Division: Architectural Mounting Type: Track Mounting Location: Ceiling

Subcategory: Downlight PHYSICAL Shape: Cylinder Diameter (mm): 40 Diameter (in): 1 % 16 Height (mm): 150 Height (in):  $5\frac{7}{8}$ Max. Overall Height (mm): 2150 Max. Overall Height (in): 84 1/8 Light Distribution: Downlight Weight (kg): 0.433 Weight (lbs): 0.955 Diffuser: Shine Ring 1-6 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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

## **ELECTRICAL**

Input Wattage Range: 10 - 19 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 10 Total Output Wattage (W): 8.1 Dimming: Non-Dimmable Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 500 Upon Request: 0-10Vdc dimming / DALI dimming

LED Delivered Lumen Range: 500 - 999 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 788 / 829 / 840 Nominal Lumen (lm): 1016 / 1068 / 1082 CRI: >90 CRI

#### **OPTICAL**

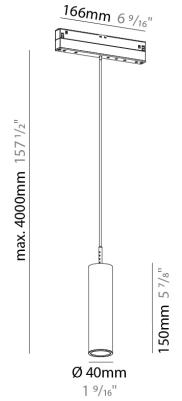
Reflector°: 40 / 50

#### **RATINGS AND CERTIFICATIONS**

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

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# A3T133-

#### DESCRIPTION

Hangover Plug 40 - Track Head - 300mm / 11 13/16" - 10W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Reflector 40°/50°

## **GENERAL**

Series: Hangover	
Subseries: Hangover Plug 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Track	
Mounting Location: Ceiling	
Subcategory: Downlight	

Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 1/16
Height (mm): 300
Height (in): $11^{13}/_{16}$
Max. Overall Height (mm): 2300
Max. Overall Height (in): 90 %
Light Distribution: Downlight
Weight (kg): 0.666
Weight (lbs): 1.468
Diffuser: Shine Ring 1-6
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

GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

Cable Details: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

ELECTRICAL
Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 10
Total Output Wattage (W): 8.1
Dimming: Non-Dimmable
Driver Included: No
Driver Location: Remote
Driver Type: Constant Voltage - Universal
Driver Class: Class 2
Input Voltage (V): 48
Constant Current (MA): 500
Upon Request: 0-10Vdc dimming / DALI dimming

Upon Request: 0-10vac aimming / DALI aimming
LED
Delivered Lumen Range: 500 - 999 lm
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 788 / 829 / 840
Nominal Lumen (lm): 1016 / 1068 / 1082
CRI: >90 CRI
OPTICAL

# Reflector°: 40 / 50

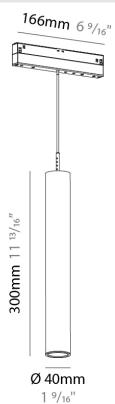
**RATINGS AND CERTIFICATIONS** 

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



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# A3T134-

#### DESCRIPTION

Hangover Plug 40 - Track Head - 450mm / 17 11/16" - 10W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Reflector  $40^\circ/50^\circ$ 

## **GENERAL**

Series: Hangover	
Subseries: Hangover Plug 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Track	
Mounting Location: Ceiling	
Subcategory: Downlight	

Division, 7 il cinicocturut
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Downlight
PHYSICAL
Shape: Cylinder
Diameter (mm): 40
Diameter (in): 1 $\%_{16}$
Height (mm): 450
Height (in): 17 11/16
Max. Overall Height (mm): 2450
Max. Overall Height (in): 96 $\frac{7}{16}$
Light Distribution: Downlight
Weight (kg): 0.856
Weight (lbs): 1.887
Diffuser: Shine Ring 1-6
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

# Orange / Red

Fixture Material: Aluminum

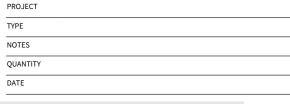
ELECTRICAL	
Input Wattage Range: 10 - 19 W	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 10	
Total Output Wattage (W): 8.1	
Dimming: Non-Dimmable	
Driver Included: No	
Driver Location: Remote	
Driver Type: Constant Voltage - Universal	
Driver Class: Class 2	
Input Voltage (V): 48	
Constant Current (MA): 500	
Upon Request: 0-10Vdc dimming / DALI dimming	

Cable Details: 2,000mm or 6000mm Cable - Options: White / Black /

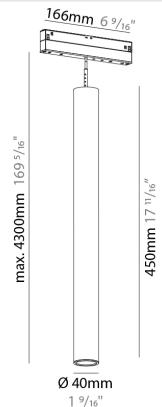
Upon Request: 0-10Vdc dimming / DALI dimming
LED
Delivered Lumen Range: 500 - 999 lm
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 4000
Max. Delivered Lumen (lm): 788 / 829 / 840
Nominal Lumen (lm): 1016 / 1068 / 1082
CRI: >90 CRI
Lamp Life (hrs): 50000
OPTICAL
Reflector°: 40 / 50

# RATINGS AND CERTIFICATIONS

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IP rating: IP20









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# A3T135-

#### DESCRIPTION

Hangover 75 - Track Head - 150mm / 5 7/8" - 10W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Reflector 18°/36°/52°

#### **GENERAL**

Series: Hangover Subseries: Hangover 75 Brand: Prolicht Division: Architectural

Mounting Type: Track Mounting Location: Ceiling Subcategory: Downlight 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 1/8 Light Distribution: Downlight Weight (kg): 0.433 Weight (lbs): 0.955 Diffuser: Shine Ring 1-6 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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

## **ELECTRICAL**

Input Wattage Range: 10 - 19 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 10 Total Output Wattage (W): 8.1 Dimming: Non-Dimmable Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 500 Upon Request: 0-10Vdc dimming / DALI dimming

LED Delivered Lumen Range: 500 - 999 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 898 / 944 / 956 Nominal Lumen (lm): 1016 / 1068 / 1082 CRI: >90 CRI Lamp Life (hrs): 50000

## OPTICAL

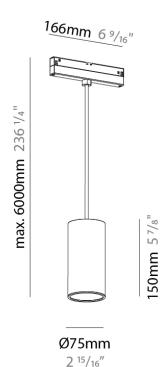
Reflector°: 18 / 36 / 52

# **RATINGS AND CERTIFICATIONS**

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

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# A3T136-

#### DESCRIPTION

Hangover 75 - Track Head - 150mm / 5 7/8" - Dir / Ind - 20.8W LED (Zhaga Standard) - 2700K/3000K/4000K - Reflector 18°/36°/52°

#### **GENERAL**

Series: Hangover
Subseries: Hangover 75
Brand: Prolicht
Division: Architectural
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Downlight

#### 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 \(^5\)/<sub>8</sub>
Light Distribution: Direct / Indirect

Weight (kg): 0.433 Weight (lbs): 0.955

Diffuser: Shine Ring 1-6

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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

#### **ELECTRICAL**

Input Wattage Range: 20 - 29 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20.8
Total Output Wattage (W): 19

Dimming: Non-Dimmable

Driver Included: No
Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 48

Upon Request: 0-10Vdc dimming / DALI dimming

# LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 1729 - 1837

CRI: >90 CRI

Lamp Life (hrs): 50000

#### OPTICAL

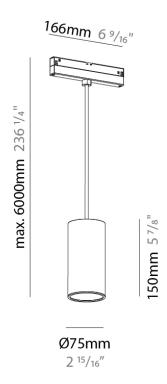
Reflector°: 18 / 36 / 52

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# A3T137-

#### DESCRIPTION

Hangover 75 - Track Head - 300mm / 11 13/16" - 10W LED (Zhaga Standard) - 2700K/3000K/4000K - Reflector 18°/36°/52°

#### **GENERAL**

Series: Hangover Subseries: Hangover 75 Brand: Prolicht Division: Architectural

Mounting Type: Track Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Shape: Cylinder Diameter (mm): 75 Diameter (in): 2 15/16 Height (mm): 300 Height (in): 11 1/16 Max. Overall Height (mm): 2300 Max. Overall Height (in): 90 \(^1/26) Light Distribution: Downlight Weight (kg): 0.666 Weight (lbs): 1.468 Diffuser: Shine Ring 1-6 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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

## **ELECTRICAL**

Input Wattage Range: 10 - 19 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 10 Total Output Wattage (W): 8.1 Dimming: Non-Dimmable Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 500 Upon Request: 0-10Vdc dimming / DALI dimming

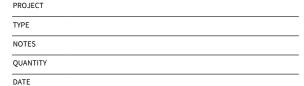
Delivered Lumen Range: 500 - 999 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 898 / 944 / 956 Nominal Lumen (lm): 1016 / 1068 / 1082 CRI: >90 CRI

#### **OPTICAL**

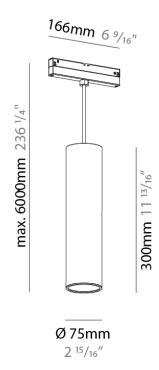
Reflector°: 18 / 36 / 52

#### **RATINGS AND CERTIFICATIONS**

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









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# A3T138-

#### DESCRIPTION

Hangover 75 - Track Head - 300mm / 11 13/16" - Dir / Ind - 20.8W LED (Zhaga Standard) - 2700K/3000K/4000K - Reflector 18°/36°/52°

#### **GENERAL**

Series: Hangover Subseries: Hangover 75 Brand: Prolicht Division: Architectural Mounting Type: Track Mounting Location: Ceiling

Subcategory: Downlight 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 1/16 Light Distribution: Downlight Weight (kg): 0.666 Weight (lbs): 1.468

Diffuser: Shine Ring 1-6

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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

#### **ELECTRICAL**

Input Wattage Range: 20 - 29 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 20.8 Total Output Wattage (W): 19 Dimming: Non-Dimmable Driver Included: No Driver Type: Constant Voltage - Universal Input Voltage (V): 48 Upon Request: 0-10Vdc dimming / DALI dimming

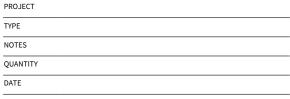
#### LED

Delivered Lumen Range: 1000 - 1999 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 1729 - 1837 CRI: >90 CRI Lamp Life (hrs): 50000

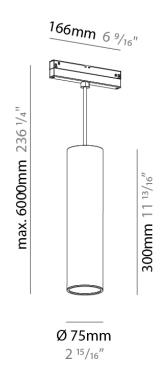
# OPTICAL

Reflector°: 18 / 36 / 52

## RATINGS AND CERTIFICATIONS











# A3T139-

#### DESCRIPTION

Hangover Plug 75 - Track Head - 150mm / 5 7/8" - 6W LED (Zhaga Standard) - 2700K/3000K/4000K - Optics 9°/24°/39°

#### **GENERAL**

Series: Hangover Subseries: Hangover Plug 75 Brand: Prolicht Division: Architectural

Mounting Type: Track Mounting Location: Ceiling Subcategory: Downlight 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 1/8 Light Distribution: Downlight Weight (kg): 0.433 Weight (lbs): 0.955 Diffuser: Shine Ring 1-6 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: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

## **ELECTRICAL**

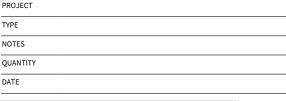
Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6 Total Output Wattage (W): 5.4 Dimming: Non-Dimmable Driver Included: No Driver Location: Remote Driver Type: Constant Voltage - Universal Driver Class: Class 2 Input Voltage (V): 48 Constant Current (MA): 500 Upon Request: 0-10Vdc dimming / DALI dimming

Delivered Lumen Range: 100 - 499 lm Number of LEDs: 1 Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 385 / 408 / 442 Nominal Lumen (lm): 455.22 / 482 / 522.17 CRI: >90 CRI

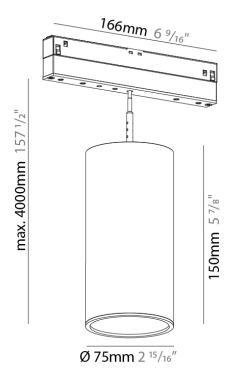
#### **OPTICAL**

Optic°: 9 / 24 / 39

#### **RATINGS AND CERTIFICATIONS**











# A3T140-

#### DESCRIPTION

Hangover Plug 75 - Track Head - 150mm / 5 7/8" - Dir / Ind - 10W LED (Zhaga Standard) - 2700K/3000K/4000K - Optics 9°/24°/39°

#### **GENERAL**

Series: Hangover
Subseries: Hangover Plug 75
Brand: Prolicht
Division: Architectural
Mounting Type: Track
Mounting Location: Ceiling
Subcategory: Downlight

Mounting Type: Track Mounting Location: Ceiling Subcategory: Downlight 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 1/8 Light Distribution: Downlight Weight (kg): 0.433 Weight (lbs): 0.955 Diffuser: Shine Ring 1-6 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH /

# Fixture Material: Aluminum

GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Cable Details: 2,000mm or 6000mm Cable - Options: White / Black / Orange / Red

ELECTRICAL

Input Wattage Range: 10 - 19 W

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 10

Total Output Wattage (W): 8.1

Dimming: Non-Dimmable

Driver Included: No

Driver Location: Remote

Driver Type: Constant Voltage - Universal

Driver Class: Class 2

Input Voltage (V): 48

Constant Current (MA): 500

Upon Request: 0-10Vdc dimming / DALI dimming

Delivered Lumen Range: 500 - 999 lm

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 708 - 788

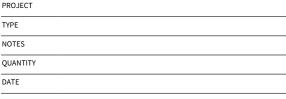
CRI: >90 CRI

Lamp Life (hrs): 50000

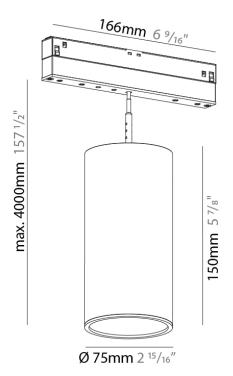
#### **OPTICAL**

Optic°: 9 / 24 / 39

#### **RATINGS AND CERTIFICATIONS**











# **ENCP50**

	RIPT	

Empty Metal Enclosure for Driver - IP20 - Indoor Rated

**GENERAL** 

Division: Architectural: Components

**PHYSICAL** 

Shape: Rectangle

Length (mm): 670

Length (in):  $26\frac{3}{8}$ 

Width (mm): 44

Width (in): 1 3/4

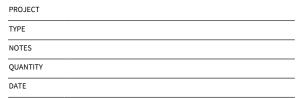
Height (mm): 38

Height (in): 1  $\frac{1}{2}$ 

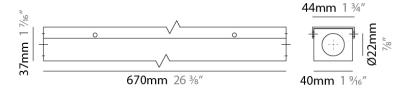
Gasket: 1554JGASKET

Fixture Material: Metal

RATINGS AND CERTIFICATIONS











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# **LEGEND**

					special LED (upon request) PGB_PGBW_tunable
<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
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable		fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
$\dot{\Delta}$	direct light distribution		reflector degree selection	(K)	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
	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	<b>3</b>	walk on
Z)	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)		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
C. CO	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	$\odot$	indirect diffuser	. <b>.</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	0	direct diffuser	շ (Մը) us	UL Certified to UL and CSA Standards
	remote control	(1)	ball-proof (upon request)	<b>®</b> :	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	<b>②</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)

	above the sarrace)
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)
IK08	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

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 above the surface)