

# A380012

#### DESCRIPTION

G-Board Power Supply Unit - 48V - 96W - 0-10V Driver with Interface

#### **GENERAL**

Brand: Prolicht
Division: Architectural

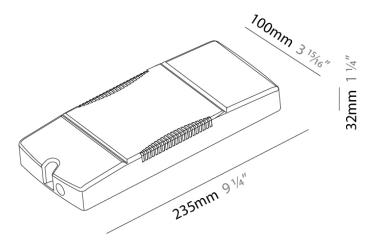
#### **ELECTRICAL**

Input Wattage (W): 96
Dimming: 0-10V Dimming
Input Voltage (V): 48

# RATINGS AND CERTIFICATIONS

 $\underline{\text{Certified By: CSA Certified to UL and CSA Standards}}$ 

PROJECT		
TYPE		
NOTES		
QUANTITY		
DATE		









# A380041-

#### DESCRIPTION

Hangover Plug Shine - Track Head - 28mm / 1 1/8" x 300mm / 11 13/16" - 6.4W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Lens  $24^\circ/32^\circ/58^\circ$ 

#### **GENERAL**

Series: Hangover

Subseries: Hangover Plug Standard (Track Insert)

Brand: Prolicht

Division: Architectural

#### **PHYSICAL**

Shape: Cylinder

Diameter (mm): 28

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

Height (mm): 300

Height (in): 11 13/16

Light Distribution: Downlight

Weight (kg): 0.451 Weight (lbs): 0.99

Diffuser: Shine Ring 1-6

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP /

BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG

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: 0-10V Dimming

Driver Included: No

Driver Location: External

Input Voltage (V): 120

# LED

Delivered Lumen Range: 100 - 499 lm

Number of LEDs: 1

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

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

Nominal Lumen (lm): 448 / 483 / 514 CRI: >90 CRI

Upon Request: Special Color Temperature

#### OPTICAL

Optic°: 24 / 32 / 58

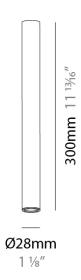
Upon Request: Special Beam Angles

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# A380042-

#### DESCRIPTION

Hangover Plug - Track Head - 28mm / 1 1/8" x 450mm / 17 11/16" - 6.4W LED (Zhaga Standard) - 2700K / 3000K / 4000K -Lens 24°/32°/ 58° -

#### **GENERAL**

Series: Hangover

Subseries: Hangover Plug Standard (Track Insert)

Brand: Prolicht

Division: Architectural

#### PHYSICAL

Shape: Cylinder

Diameter (mm): 28

Diameter (in): 1 1/8

Height (mm): 450 Height (in): 17 11/16

Light Distribution: Downlight

Weight (kg): 0.468

Weight (lbs): 1.03 Diffuser: Shine Ring 1-6

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA /  ${\tt RUR\,/\,MIC\,/\,FTG\,/\,MYG\,/\,TWT\,/\,LOD\,/\,PUS\,/\,FRO\,/\,FUP\,/\,KIA\,/\,POP\,/}$  ${\tt BLS/SPG/MEY/GOH/GUM/CHC/COM/ABZ/JAG}$ 

Fixture Material: Aluminum

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 6.4

Total Output Wattage (W): 5.8

Dimming: 0-10V Dimming

Driver Included: No

Driver Location: External

Input Voltage (V): 120

Constant Current (MA): 500

#### LED

Delivered Lumen Range: 100 - 499 lm

Number of LEDs: 1

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

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

Nominal Lumen (lm): 448 / 483 / 514

CRI: >90 CRI

Upon Request: Special Color Temperature

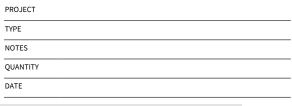
#### OPTICAL

Optic°: 24 / 32 / 58

Upon Request: Special Beam Angles

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# A380043-

#### DESCRIPTION

Hangover Plug Decor - Blank Track Head - 28mm / 1 1/8" x 300mm / 11 13/16" -

#### **GENERAL**

Series: Hangover
Subseries: Hangover Plug Standard (Track Insert)
Brand: Prolicht
Division: Architectural

#### PHYSICAL

Shape: Cylinder
Diameter (mm): 28
Diameter (in): 1 ½
Height (mm): 300
Height (in): 11 <sup>13</sup> / <sub>16</sub>
Weight (kg): 0.32
Weight (lbs): 0.706
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG
Fixture Material: Aluminum Die Cast

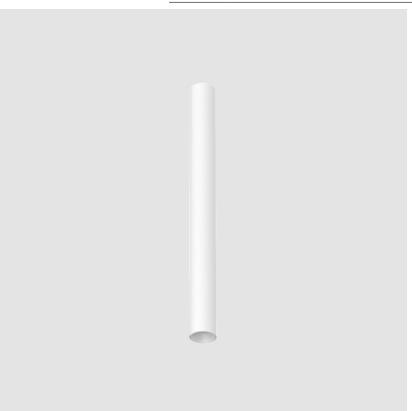
#### **ELECTRICAL**

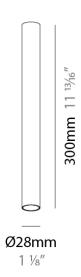
Lamp Type: LED (Zhaga Standard)

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# A380044-

#### DESCRIPTION

Hangover Plug Decor - Blank Track Head - 28mm / 1 1/8" x 450mm / 17 11/16" -

#### **GENERAL**

Series: Hangover
Subseries: Hangover Plug Standard (Track Insert)
Brand: Prolicht
Division: Architectural

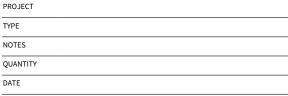
PHYSICAL
Shape: Cylinder
Diameter (mm): 28
Diameter (in): 1½
Beight (mm): 450
Height (in): 17 ½
Weight (kg): 0.32
Weight (lbs): 0.706
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG
Fixture Material: Aluminum Die Cast

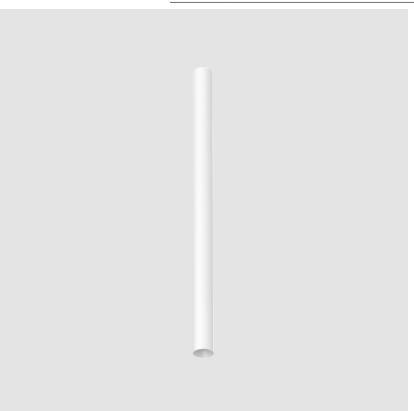
#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# **A3GB-SUS-SYS COMPONENTS SUSPENSION**

# PROJECT TYPE NOTES QUANTITY DATE

# A380077-

#### DESCRIPTION

G-Board for Gravity Lift - Suspension

#### **GENERAL**

Subseries: Snooker G-Board for Gravity Lift	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Modular	

#### PHYSICAL

FHISICAL	
Shape: Abstract	
Length (mm): 990	
Length (in): 39	
Width (mm): 745	
Width (in): 29 <sup>5</sup> / <sub>16</sub>	
Height (mm): 50	
Height (in): 1 15/16	
Weight (kg): 5.4	
Weight (lbs): 11.91	
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA /	

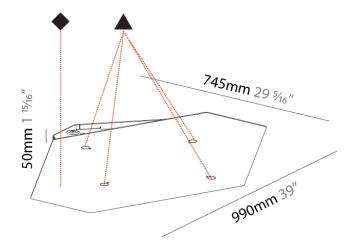
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG

Fixture Material: Aluminum Die Cast

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards













# A380106-

Hangover 75 - Indirect Diffuser

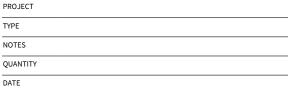
#### GENERAL

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	
DATINGS AND CERTIFICATIONS	

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards











# A3GB-SUS-SYS COMPONENTS SURFACE

# A380107-

#### DESCRIPTION

Hangover Plug 40 - 150mm / 5 7/8" - 10.9W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Dimmable - Reflector  $40^\circ$  /  $50^\circ$ 

#### **GENERAL**

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

Subcategory: Downlight

PHYSICAL

Shape: Cylinder

Diameter (mm): 40

Diameter (in): 1  ${}^{3}_{16}$ Height (mm): 150

Height (in): 5  ${}^{7}_{8}$ Light Distribution: Downlight

Weight (kg): 0.452

Weight (lbs): 9.96

Diffuser: Shine Ring 1-6

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP /

ELECTRICAL
Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 10.9
Total Output Wattage (W): 10
Dimming: 0-10V Dimming
Driver Included: No
Input Voltage (V): 48

BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG

Fixture Material: Aluminum

#### LED

Delivered Lumen Range: 500 - 999 lm

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**

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT		
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# A3GB-SUS-SYS COMPONENTS SURFACE

#### A380108-

#### DESCRIPTION

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

#### **GENERAL**

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

Subcategory: Downlight PHYSICAL Shape: Cylinder Diameter (mm): 40 Diameter (in): 1 % Height (mm): 300 Height (in): 11 13/16 Light Distribution: Downlight Weight (kg): 0.463 Weight (lbs): 1.02 Diffuser: Shine Ring 1-6 Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG

Fixture Material: Aluminum

**ELECTRICAL** Input Wattage Range: 10 - 19 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 10.9 Total Output Wattage (W): 10 Dimming: 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): 788 / 829 / 840 Nominal Lumen (lm): 1016 / 1068 / 1082 CRI: >90 CRI Lamp Life (hrs): 50000

# OPTICAL

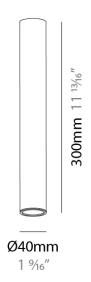
Reflector°: 40 / 50

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT	
ТУРЕ	
NOTES	
QUANTITY	
DATE	









# A3GB-SUS-SYS COMPONENTS SURFACE

# A380111-

#### DESCRIPTION

Hangover Plug 75 - Track Head -150mm / 5 7/8" - 6.6W LED (Zhaga Standard) - 2700K / 3000K / 4000K - Dimmable - Lens 9° / 24° / 39°

#### **GENERAL**

Series: Hangover Subseries: Hangover Plug 75 Brand: Prolicht Division: Architectural Mounting Type: Surface

Mounting Location: Ceiling Subcategory: Downlight PHYSICAL Shape: Cylinder Diameter (mm): 75 Diameter (in): 2 15/16 Height (mm): 150 Height (in):  $5\frac{7}{8}$ Light Distribution: Downlight Weight (kg): 0.532 Weight (lbs): 1.17 Diffuser: Shine Ring 1-6 Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP /

#### **ELECTRICAL**

Fixture Material: Aluminum

Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.6 Total Output Wattage (W): 6 Dimming: 0-10V Dimming Driver Included: No Input Voltage (V): 48

 ${\tt BLS/SPG/MEY/GOH/GUM/CHC/COM/ABZ/JAG}$ 

# LED

Delivered Lumen Range: 100 - 499 lm Color Temperature (°K): 2700 / 3000 / 4000 Max. Delivered Lumen (lm): 385 / 408 / 442 Nominal Lumen (lm): 455.22 / 482 / 522.17 CRI: >90 CRI Lamp Life (hrs): 50000

#### OPTICAL

Optic°: 9 / 24 / 39

#### **RATINGS AND CERTIFICATIONS**

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

PROJECT			
TYPE			
NOTES			
QUANTITY			
DATE			









#### A380364-

#### DESCRIPTION

Hangover Plug - Insert for Hypro 40 Recessed Ø28mm / 1 1/8" x 150mm / 5 7/8" - LED 6W Max. - 2700K / 3000K / 3500K / 4000K - CRI90 - Non-Dimming - Shine Ring, Optic: 22° / 33° / 66°

#### **GENERAL**

Series: Hangover Brand: Prolicht

Division: Architectural

#### PHYSICAL

Shape: Cylinder

Diameter (mm): 28
Diameter (in): 1 1/8

Height (mm): 150

Height (in): 5 1/8

Light Distribution: Direct

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

Accent Finish: OPL / YEL / ORA / RED / BLU / GRN

Fixture Material: Aluminum

#### **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 / 0-10V Dimming

Driver Included: No

Driver Location: External

Driver Type: Constant Current - 120Vac

Driver Class: Class 2

Input Voltage (V): 120

Constant Current (MA): 500

# LED

Delivered Lumen Range: 100 - 499 lm

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

Max. Delivered Lumen (lm): 404 / 427 / 454 / 463

Nominal Lumen (lm): 461 / 487 / 517 / 528

CRI: >90 CRI

Lamp Life (hrs): 50000

# OPTICAL

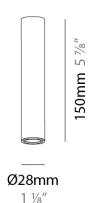
Optic°: 22 / 33 / 66

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT			
TYPE			
NOTES			
QUANTITY			
DATE			









# A38818-

#### DESCRIPTION

Snooker Decor - Track - Blank Globe -

#### **GENERAL**

Series: Snooker	
Brand: Prolicht	
Division: Architectural	

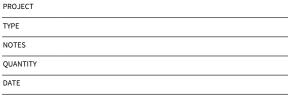
Division: Architectural
PHYSICAL
Shape: Round
Diameter (mm): 72
Diameter (in): 2 <sup>13</sup> / <sub>16</sub>
Height (mm): 72
Height (in): 2 <sup>13</sup> / <sub>16</sub>
Weight (kg): 0.733
Weight (lbs): 1.62
Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA /

RUR / MIC / FTG / MYG / TWT / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG

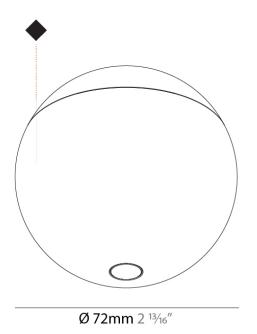
Fixture Material: Aluminum Die Cast

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards











# A38862-

#### DESCRIPTION

Snooker - Track- Suspension Insert for Gravity Lift - 6.4W LED (Zhaga Standard) - 2700K / 3000K / 4000K

#### **GENERAL**

Series: Snooker
Brand: Prolicht
Division: Architectural

PHYSICAL

Shape: Round

Diameter (mm): 72

Diameter (in): 2 13/16

Height (mm): 72

Height (in): 2 13/16

Light Distribution: Downlight

Weight (kg): 0.733
Weight (lbs): 1.62

Constant Current (MA): 500

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

Fixture Material: Aluminum Die Cast

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6.5
Total Output Wattage (W): 5.8
Dimming: 0-10V Dimming
Driver Included: No
Driver Location: External
Input Voltage (V): 48

Delivered Lumen Range: 100 - 499 lm

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 270 / 290 / 310

Nominal Lumen (lm): 448 / 483 / 514

CRI: >90 CRI

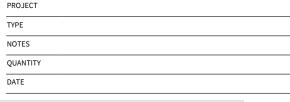
Upon Request: Special Color Temperature 3500K available in minimum quantities (larger quantities upon request)

# OPTICAL

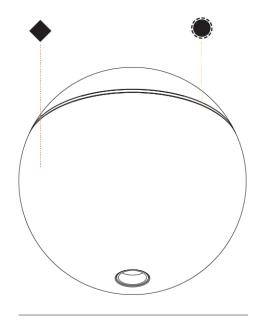
Beam Angle: 55
Upon Request: 55° Beam Angle: Dual Focus lens technology - very

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







Ø 72mm 2 13/16"







### A38866-

#### DESCRIPTION

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

#### **GENERAL**

Series: Snooker Brand: Prolicht Division: Architectural

PHYSICAL Shape: Round Diameter (mm): 72 Diameter (in): 2 13/16 Height (mm): 72 Height (in): 2 13/16

Light Distribution: Downlight Weight (kg): 0.733

Weight (lbs): 1.6

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

Fixture Material: Aluminum Die Cast

#### **ELECTRICAL**

Input Wattage Range: 1 - 9 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 6.5 Total Output Wattage (W): 5.8 Driver Included: No Driver Location: External Input Voltage (V): 48 Constant Current (MA): 500

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

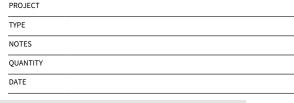
OPTICAL

Beam Angle: 55

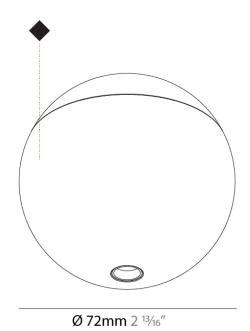
Upon Request: 55° Beam Angle: Dual Focus lens technology - very

# RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards













# A3895199

#### DESCRIPTION

G-50 Channel | Gravity Lift - Surface Profile - Mounting Gauge - 1

#### **GENERAL**

Series: G-Board
Brand: Prolicht
Division: Architectural
PHYSICAL
Shape: Rectangle
Length (mm): 1280
Length (in): 50 3/8
Width (mm): 25
Width (in): 1

Height (mm): 30
Height (in): 1 <sup>3</sup>/<sub>16</sub>

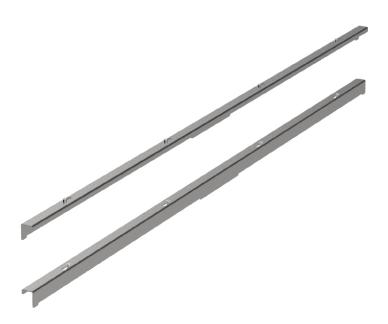
Weight (kg): 1.662 Weight (lbs): 3.66

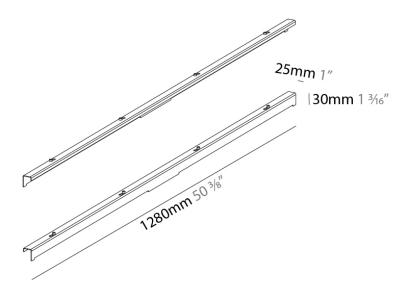
Fixture Material: Aluminum

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards













# A38954

#### DESCRIPTION

Mechanical Gravity Lift for G-Board

#### GENERAL

Series: Snooker
Subseries: Snooker G-Board for Gravity Lift
Brand: Prolicht
Division: Architectural
PHYSICAL
Shape: Rectangle
Length (mm): 350
Length (in): 13 <sup>3</sup> / <sub>4</sub>
Width (mm): 42
Width (in): 1 ½
Height (mm): 105

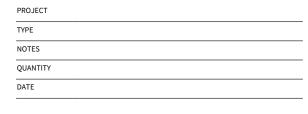
#### **RATINGS AND CERTIFICATIONS**

Fixture Material: Aluminum

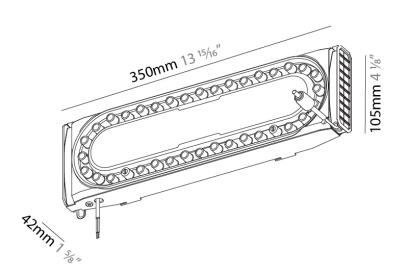
Certified By: Certified for North American Standards

IP rating: IP20

Height (in): 4  $\frac{1}{8}$ 













PROJECT		
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# **LEGEND**

<u></u>	floor-mounted	¥	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
$\overline{\uparrow}$	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
$\rightarrow$	wall-mounted	I	color of suspension cable	ill THOS	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	↓ l	length of suspension cable	CRI	color rendering index
	direct light distribution	Δ	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
K	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	30	walk on
$\Box$	square wall or ceiling cut-out		free individual colors 01-29	<b>②</b>	drive on
£	the supplied jig specifies the cutout dimensions	Ċ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
<b>d</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 l, protection insulation
جي ا	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>(1)</b>	ETL Certified to UL and CSA Standards
<b>9</b>	sensor	O	direct diffuser	.(H).	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	<b>(1)</b>	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	<b>(Z</b> )	Certified for North American Standards

# **IP RATING**

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
[P44]	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)

$\sim$	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)
IK06	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 the surface)

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

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

protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)