

A3GR-SUS-SYS COMPONENTS

A38524-

DESCRIPTION

Grooline Recessed Light Insert for Groove System - 1140mm / 44 7/8" - 20.2W / 12.8W [O/P] (3500K) - LED (Zhaga Standard) - 3000K / 3500K / 4000K

GENERAL

Series: Groove
Brand: Prolicht
Division: Architectural
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 1140
Length (in): 44 7/8
Width (mm): 36
Width (in): 1 7/16
Height (mm): 37
Height (in): 1 7/16
Light Distribution: Direct
Weight (kg): 1.218
Weight (lbs): 2.69
Diffuser: PMMA - Opal
Fixture Material: Metal

ELECTRICAL

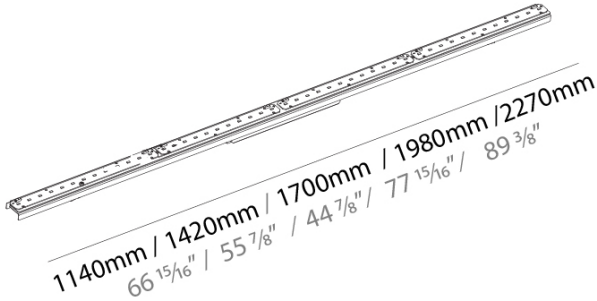
Input Wattage Range: 20 - 29 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20.2
Total Output Wattage (W): 16 / 12.8 (3500K)
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (mA): 350 / 400 (3500K)

LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1370 / 1421 / 1450
Nominal Lumen (lm): 2840 / 2940 / 3000
CRI: >90 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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



A3GR-SUS-SYS COMPONENTS

A38526-

DESCRIPTION
Grooline Recessed Light Insert for Groove System - 1420mm / 55 7/8" - 25W / 20W [O/P] (3500K) - LED (Zhaga Standard) - 3000K / 3500K / 4000K

GENERAL

Series: Groove
Brand: Prolicht
Division: Architectural
Mounting Location: Ceiling

PHYSICAL

Shape: Rectangle
Length (mm): 1420
Length (in): 55 7/8
Width (mm): 36
Width (in): 1 7/16
Height (mm): 37
Height (in): 1 1/16
Light Distribution: Direct
Weight (kg): 1.454
Weight (lbs): 3.21
Diffuser: PMMA - Opal
Fixture Material: Metal

ELECTRICAL

Input Wattage Range: 20 - 29 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 25.3
Total Output Wattage (W): 20 / 16 (3500K)
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (mA): 350 / 500 (3500K)

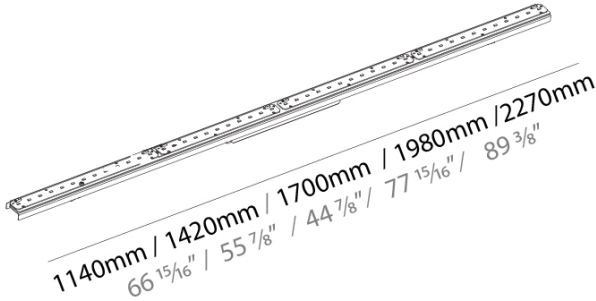
LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1710 / 1774 / 1810
Nominal Lumen (lm): 3550 / 3675 / 3750
CRI: >90 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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

PROJECT _____
TYPE _____
NOTES _____
QUANTITY _____
DATE _____



A3GR-SUS-SYS COMPONENTS

A38528-

DESCRIPTION
Grooline Recessed Light Insert for Groove System - 1700mm / 66 15/16" - 30.4W / 19.2W [O/P] (3500K) - LED (Zhaga Standard) - 3000K / 3500K / 4000K

GENERAL

Series: Groove
Brand: Prolicht
Division: Architectural
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 1700
Length (in): 66 15/16
Width (mm): 36
Width (in): 1 7/16
Height (mm): 37
Height (in): 1 7/16
Light Distribution: Direct
Weight (kg): 1.688
Weight (lbs): 3.72
Diffuser: PMMA - Opal
Fixture Material: Metal

ELECTRICAL

Input Wattage Range: 30 - 49 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 30.4
Total Output Wattage (W): 24 / 19.2 (3500K)
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (mA): 350 / 600 (3500K)

LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2050 / 2127 / 2170
Nominal Lumen (lm): 4260 / 4410 / 4500
CRI: >90 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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

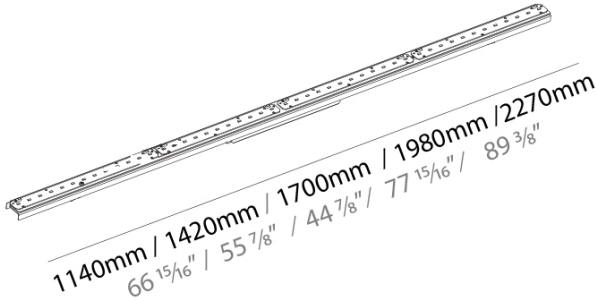
PROJECT _____

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QUANTITY _____

DATE _____



A3GR-SUS-SYS COMPONENTS

A38530-

DESCRIPTION
Grooline Recessed Light Insert for Groove System - 1980mm / 77 15/16" - 35W / 22.4 [O/P] (3500K) - LED (Zhaga Standard) - 3000K / 3500K / 4000K

GENERAL

Series: Groove
Brand: Prolicht
Division: Architectural
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 1980
Length (in): 77 15/16
Width (mm): 36
Width (in): 1 7/16
Height (mm): 37
Height (in): 1 7/16
Light Distribution: Direct
Weight (kg): 1.922
Weight (lbs): 4.24
Diffuser: PMMA - Opal
Fixture Material: Metal

ELECTRICAL

Input Wattage Range: 30 - 49 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 35.4
Total Output Wattage (W): 28 / 22.4 (35000K)
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350 / 700 (3500K)

LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2400 / 2479 / 2530
Nominal Lumen (lm): 4970 / 5125 / 5250
CRI: >90 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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

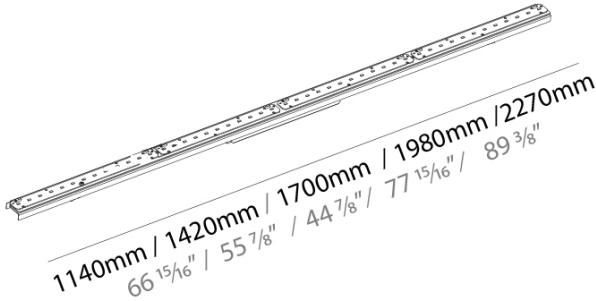
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A3GR-SUS-SYS COMPONENTS

A38532-

DESCRIPTION
Grooline Recessed Light Insert for Groove System - 2270mm / 89 3/8" - 40W / 25.6W [O/P] (3500K) - LED (Zhaga Standard) - 3000K / 3500K / 4000K

GENERAL

Series: Groove
Brand: Prolicht
Division: Architectural
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 2270
Length (in): 89 3/8
Width (mm): 36
Width (in): 1 7/16
Height (mm): 37
Height (in): 1 7/16
Light Distribution: Direct
Weight (kg): 2.193
Weight (lbs): 4.84
Diffuser: PMMA - Opal
Fixture Material: Metal

ELECTRICAL

Input Wattage Range: 30 - 49 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 40.5
Total Output Wattage (W): 32 / 25.6 (3500K)
Dimming: 0-10V Dimming / Phase Dimming (120Vac Only)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (mA): 350 / 800 (3500K)

LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2740 / 2832 / 2890
Nominal Lumen (lm): 5680 / 5880 / 6000
CRI: >90 CRI
Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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

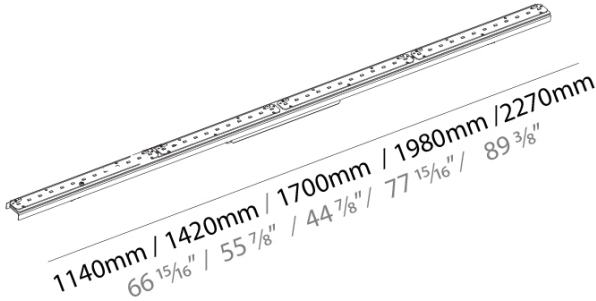
PROJECT _____

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QUANTITY _____

DATE _____



A3GR-SUS-SYS COMPONENTS

A38997-

DESCRIPTION

Groove System - Surface / Suspension End Cap

GENERAL

Series: Groove

Brand: Prolicht

Division: Architectural

PHYSICAL

Shape: Rectangle

Length (mm): 80

Length (in): 3 1/8

Width (mm): 6

Width (in): 1/4

Height (mm): 120

Height (in): 4 3/4

Weight (kg): 0.19

Weight (lbs): 0.42

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

LED

CRI: >90 CRI

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

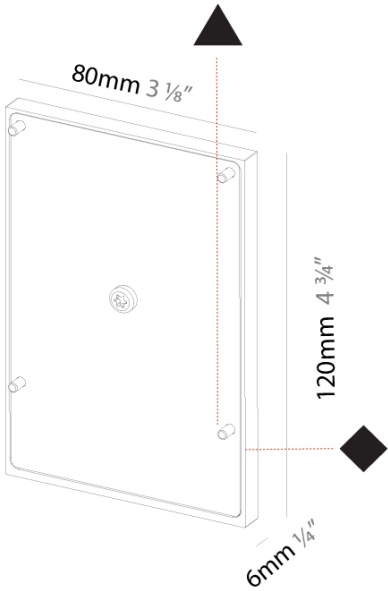
PROJECT

TYPE

NOTES

QUANTITY

DATE





A3GR-SUS-SYS COMPONENTS

A39013-

DESCRIPTION
Suspension Power Feed 3x0.75, 2000mm

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL

Shape: Round
Diameter (mm): 114
Diameter (in): 4 1/2
Length (mm): 2000
Length (in): 78 3/4
Width (mm): 81
Width (in): 3 1/16
Height (mm): 32
Height (in): 1 1/4
Weight (kg): 0.3
Weight (lbs): 0.66
Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

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

PROJECT
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A3GR-SUS-SYS COMPONENTS

A39014-

DESCRIPTION
Suspension Power Feed 5x0.75 - 2000mm

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL

Shape: Round
Diameter (mm): 114
Diameter (in): 4 1/2
Length (mm): 2000
Length (in): 78 3/4
Width (mm): 81
Width (in): 3 1/16
Height (mm): 32
Height (in): 1 1/4
Weight (kg): 0.3
Weight (lbs): 0.661
Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

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

PROJECT _____
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A3GR-SUS-SYS COMPONENTS

A39015-

DESCRIPTION
Suspension Power Feed 4x0.75 2000mm 2 Circuits Phase Dimming

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL

Shape: Round
Diameter (mm): 114
Diameter (in): 4 1/2
Length (mm): 6000
Length (in): 236 1/4
Width (mm): 81
Width (in): 3 1/16
Height (mm): 32
Height (in): 1 1/4
Weight (kg): 0.118
Weight (lbs): 0.26
Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

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

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A3GR-SUS-SYS COMPONENTS

A39016-

DESCRIPTION

Suspension Power Feed 3x0.75, 6000mm

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL

Shape: Round
Diameter (mm): 114
Diameter (in): 4 1/4
Length (mm): 6000
Length (in): 236 1/4
Width (mm): 81
Width (in): 3 3/16
Height (mm): 32
Height (in): 1 1/4
Weight (kg): 0.117
Weight (lbs): 0.258
Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

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

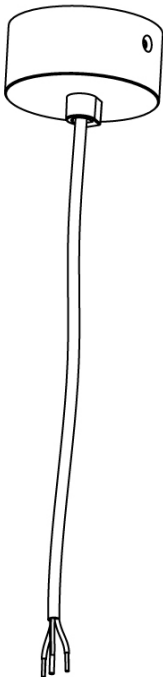
PROJECT

TYPE

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A3GR-SUS-SYS COMPONENTS

A39017-

DESCRIPTION
Suspension Power Feed 5x0.75, 6000mm

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL

Shape: Round
Diameter (mm): 81
Diameter (in): 3 3/16
Length (mm): 6000
Length (in): 236 1/4
Width (mm): 81
Width (in): 3 3/16
Height (mm): 32
Height (in): 1 1/4
Weight (kg): 0.117
Weight (lbs): 0.258
Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
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A3GR-SUS-SYS COMPONENTS

A39018-

DESCRIPTION
Suspension Power Feed 4x0.75, 6000mm 2 Circuits Phase Dimming

GENERAL

Brand: Prolicht
Division: Architectural

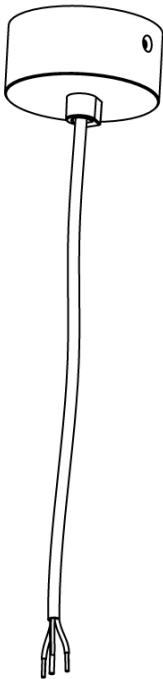
PHYSICAL

Shape: Round
Diameter (mm): 81
Diameter (in): 3 3/16
Length (mm): 3 3/16
Length (in): 236 1/4
Width (mm): 81
Width (in): 3 3/16
Height (mm): 32
Height (in): 1 1/4
Weight (kg): 0.35
Weight (lbs): 0.77
Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

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

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A3GR-SUS-SYS COMPONENTS

A39064-

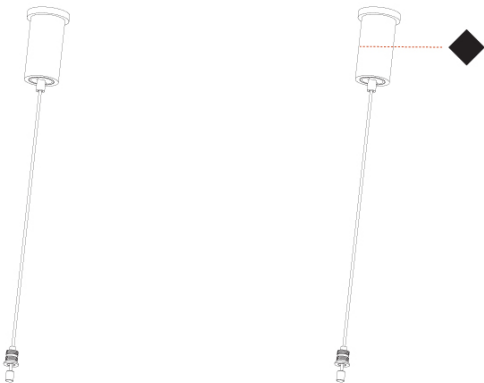
DESCRIPTION
Groove System - Suspension Cable 6000mm (1 pair)

GENERAL
Series: Groove
Brand: Prolicht
Division: Architectural

PHYSICAL
Diameter (mm): 22
Diameter (in): 7/8
Length (mm): 6000
Length (in): 236 3/4
Height (mm): 33
Height (in): 1 5/16
Weight (kg): 0.11
Weight (lbs): 0.24
Fixture Finish: ANA / 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

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

PROJECT _____
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distance 1800mm 70 7/8"



A3GR-SUS-SYS COMPONENTS

A39065-

DESCRIPTION

Groove System - Suspension Y-Suspension Cable with Quick Release Fastener L=6000mm

GENERAL

Series: Groove

Brand: Prolicht

Division: Architectural

PHYSICAL

Diameter (mm): 22

Diameter (in): 7/8

Length (mm): 6000

Length (in): 236 3/4

Height (mm): 33

Height (in): 1 5/16

Weight (kg): 0.03

Weight (lbs): 0.07

Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT

TYPE

NOTES

QUANTITY

DATE



distance 1800mm 70 7/8"



A3GR-SUS-SYS COMPONENTS

A39066-

DESCRIPTION
Groove System - Suspension Cable 2000mm (1 pair)

GENERAL

Series: Groove
Brand: Prolicht
Division: Architectural

PHYSICAL

Diameter (mm): 22
Diameter (in): 7/8
Length (mm): 2000
Length (in): 78 3/4
Height (mm): 33
Height (in): 1 5/16
Weight (kg): 0.12
Weight (lbs): 0.264
Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

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

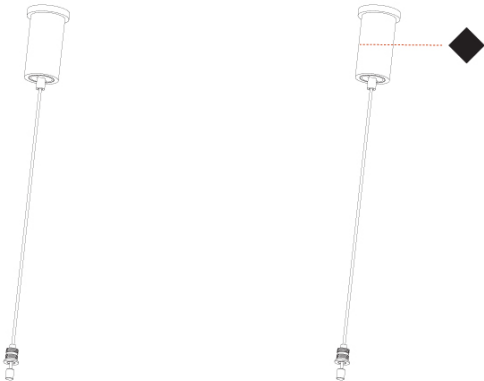
PROJECT _____

TYPE _____

NOTES _____

QUANTITY _____

DATE _____



distance 1800mm 70 7/8"



A3GR-SUS-SYS COMPONENTS

A39077-

DESCRIPTION

Groove System - Suspension Y-Suspension Cable with Quick Release Fastener L=2000mm

GENERAL

Series: Groove
Brand: Prolicht
Division: Architectural

PHYSICAL

Diameter (mm): 22
Diameter (in): 7/8
Length (mm): 2000
Length (in): 78 3/4
Height (mm): 33
Height (in): 1 5/16
Weight (kg): 0.03
Weight (lbs): 0.07
Fixture Finish: ANA / 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

RATINGS AND CERTIFICATIONS

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

PROJECT

TYPE

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A3GR-SUS-SYS COMPONENTS

A3964300

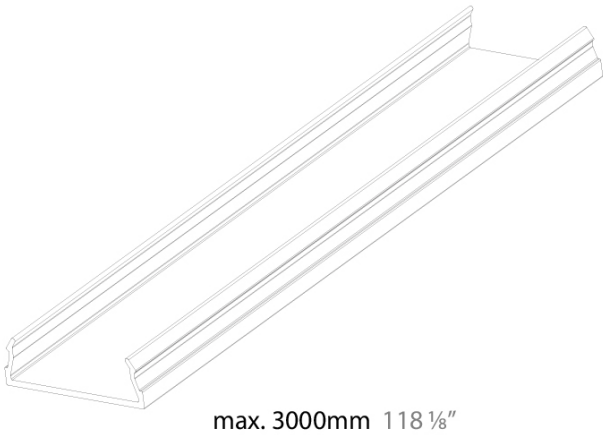
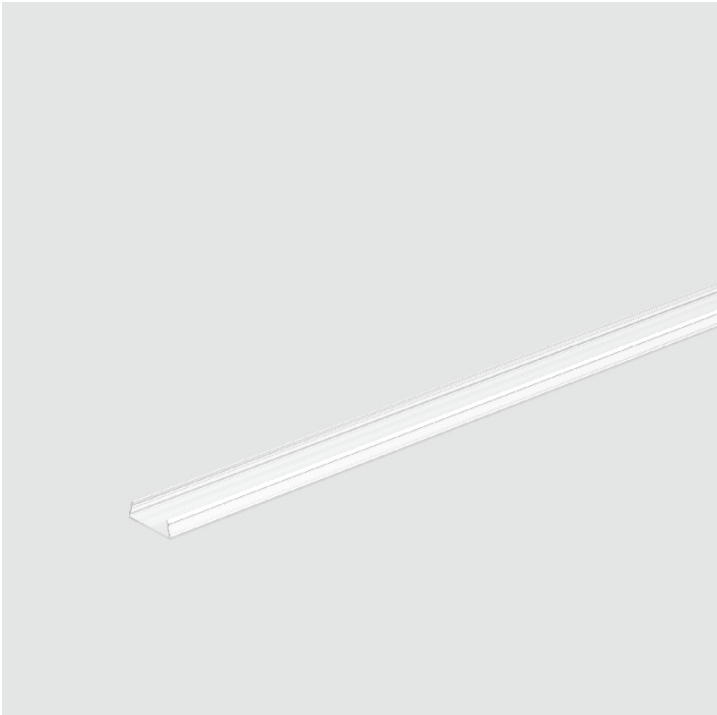
DESCRIPTION
Groove System - Surface/Suspension / Idaho 40 Trimless
System - Flat Opal Diffuser Per Meter - Max 3,000mm / 118 1/8"

GENERAL
Series: Groove
Brand: Prolicht
Division: Architectural

PHYSICAL
Shape: Rectangle
Length (mm): 1000
Length (in): 39 3/8
Width (mm): 42
Width (in): 1 5/8
Height (mm): 14
Height (in): 9/16
Weight (kg): 0.13
Weight (lbs): 0.287
Diffuser: PMMA - Opal

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

PROJECT _____
TYPE _____
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DATE _____



A3GR-SUS-SYS COMPONENTS

A3993000

DESCRIPTION

Groove System - Surface/Suspension Curved Opal Diffuser Per Meter - Max 3,000mm / 118 1/8"

GENERAL

Series: Groove

Brand: Prolicht

Division: Architectural

Mounting Location: Ceiling

Subcategory: Profile

PHYSICAL

Shape: Rectangle

Length (mm): 1000

Length (in): 39 3/8

Width (mm): 42

Width (in): 1 5/8

Height (mm): 14

Height (in): 9/16

Weight (kg): 0.2

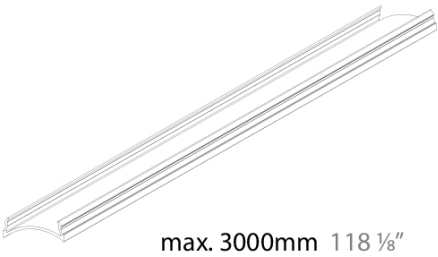
Weight (lbs): 0.44

Diffuser: Opal - PMMA

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



A3GR-SUS-SYS COMPONENTS

A39931-

DESCRIPTION
Groove System - Cap Profile per Meter - Max 3,000mm / 118 1/8"

GENERAL

Series: Groove
Brand: Prolicht
Division: Architectural
Mounting Location: Ceiling
Subcategory: Profile

PHYSICAL

Shape: Rectangle
Length (mm): 1000
Length (in): 39 3/8
Width (mm): 42
Width (in): 1 5/8
Height (mm): 14
Height (in): 9/16
Weight (kg): 0.37
Weight (lbs): 0.82
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

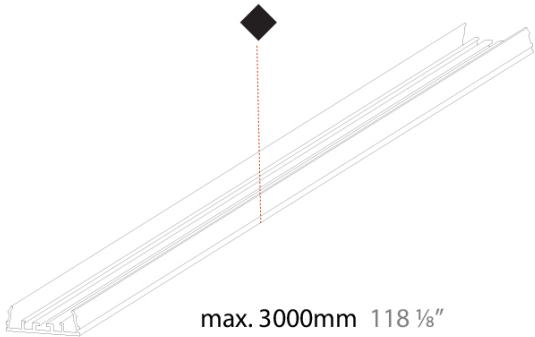
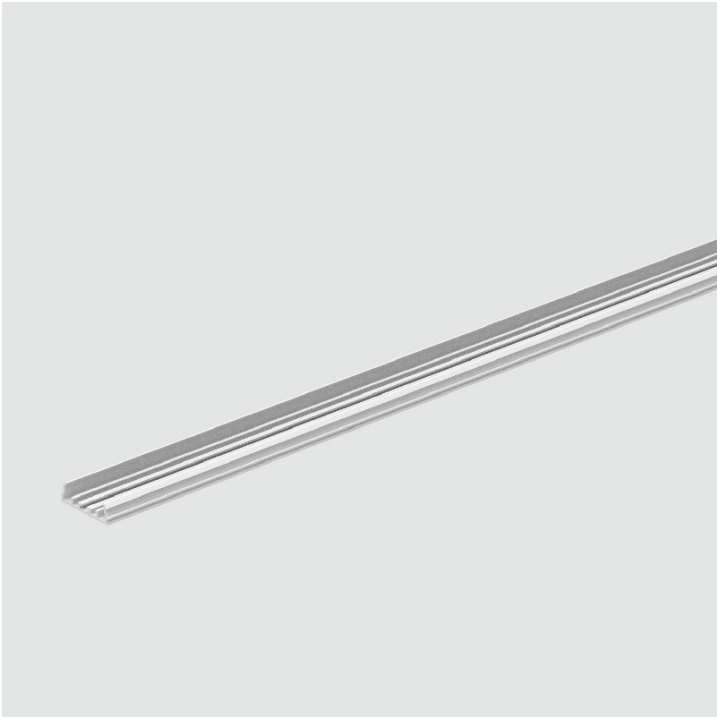
LED

CRI: >90 CRI

RATINGS AND CERTIFICATIONS

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

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LEGEND

	floor-mounted		pivotal		special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
	wall and ceiling: recessed and surface mounted		rotating		warm dim / natural dimming LED
	ceiling-mounted and wall-mounted		illuminate tilted		rechargeable battery powered
	wall-mounted		color of suspension cable		fixture with natural vivid LED (upon request)
	omni-directional light distribution		length of suspension cable		color rendering index
	direct light distribution		reflector degree selection		color temperature
	direct/indirect light distribution		super spot		lumen (luminous flux)
	indirect light distribution		lens		efficacy (lumens per watt)
	asymmetric light distribution		lens pack		Unified Glare Rating (UGR) range from 5-40
	aura light distribution		shine ring		marine grade (AISI 316 stainless steel)
	round wall or ceiling cut-out		integrated shine ring with diffuser		walk on
	square wall or ceiling cut-out		free individual colors 01-29		drive on
	the supplied jig specifies the cutout dimensions		individual colors: 00 (free of charge), 01-25 (extra charge)		Dark Sky Compliance
	minimum distance (meters) lamp - object		luminaire part to be colored (F1)		Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
	ceiling thickness selection		luminaire part to be colored (F4)		acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)		luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/control gear		color of 3-circuit adaptor		protection class II, protection insulation
	separately switchable		indirect diffuser		ETL Certified to UL and CSA Standards
	sensor		direct diffuser		UL Certified to UL and CSA Standards
	remote control		ball-proof (upon request)		CSA Certified to UL and CSA Standards
	available upon request		accessory		Certified for North American Standards

IP RATING

	protected against ingress of solid bodies greater than 12.5mm (finger)
	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
	protected against ingress of dust protected against jets of water
	protected against ingress of dust protected against powerful jets of water or heavy seas
	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	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)