

A3ID40-REC-SYS COMPONENTS RECESSED

PROJECT TYPE NOTES QUANTITY DATE

A35641-

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System Profile per meter - Max 3000mm / 118 1/8"

GENERAL

Series: Idaho	
Subseries: Idaho 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Profile	

Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Profile	
PHYSICAL	
Shape: Rectangle	
Length (mm): 100	
Length (in): 39 3/8	
Width (mm): 50	
Width (in): 1 15/16	
Height (mm): 76	
Height (in): 3	
Weight (kg): 1.017	
Weight (lbs): 2.24	
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	

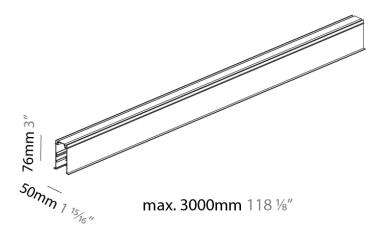
LED

Efficiency (%): 70% (8mm Perspex)

RATINGS AND CERTIFICATIONS

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









A380114

DESCRIPTION

Idaho / Hypro 40 System - Per Meter - Opal Diffuser

GENERAL

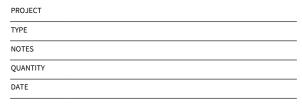
Series: Hypro	
Subseries: Hypro 40	
Brand: Prolicht	
Division: Architectural	

Division: Architectural	
PHYSICAL	
Shape: Rectangle	
Length (mm): Max. 3000	
Length (in): Max. 118 1/9	
Width (mm): 35	
Width (in): 1 3/8	
Height (mm): 28	
Height (in): 1 3/8	
Diffuser: PMMA - Opal Diffuser - Per Meter	
Fixture Material: Aluminum	
ELECTRICAL	

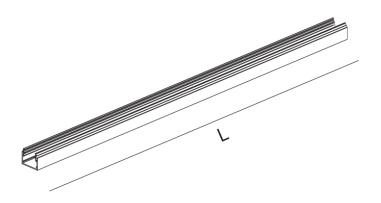
Lamp Type: LED (Zhaga Standard)

RATINGS AND CERTIFICATIONS

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











A380115

DESCRIPTION

Idaho / Hypro 40 System - 1128mm - Opal Diffuser

GENERAL
Series: Hypro
Subseries: Hypro 40
Brand: Prolicht
Division: Architectural
PHYSICAL
Shape: Rectangle
Length (mm): 1128
Length (in): 44 ⁷ / ₁₆
Width (mm): 35
Width (in): 1 3/8
Height (mm): 28

Height (in): $1\frac{3}{8}$ Weight (kg): 0.221 Weight (lbs): 0.49

Diffuser: PMMA - Opal Diffuser - Per Meter

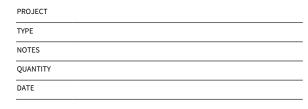
Fixture Material: Aluminum

ELECTRICAL

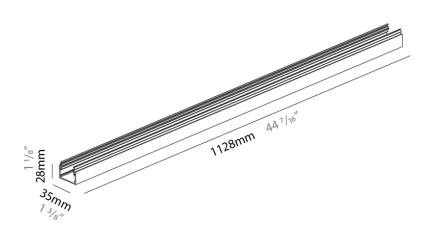
Lamp Type: LED (Zhaga Standard)

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards











A380116

DESCRIPTION

Idaho / Hypro 40 System - Per Meter - Micro - Prism - Diffuser

GENERAL

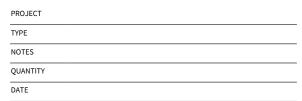
Series: Hypro	
Subseries: Hypro 40	
Brand: Prolicht	
Division: Architectural	
PHYSICAL	

Division: Architectural
PHYSICAL
Shape: Rectangle
Width (mm): 35
Width (in): 1 3/8
Height (mm): 28
Height (in): $1\frac{3}{8}$
Diffuser: PMMA - Mircro Prism - Diffuser - Per Meter
Fixture Material: Aluminum
ELECTRICAL

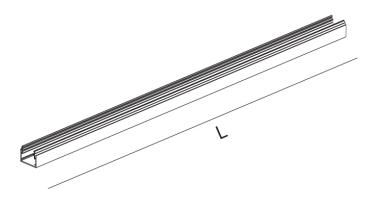
<u>Lamp Type: LED (Zhaga Standard)</u> **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

IP rating: IP20











A380117

DESCRIPTION

Idaho / Hypro 40 System - 1128mm - Micro - Prism - Diffuser

GENERAL

Series: Hypro	
Subseries: Hypro 40	
Brand: Prolicht	
Division: Architectural	
PHYSICAL	
Shape: Rectangle	
Length (mm): 1128	
Length (in): 44 1/16	
Width (mm): 35	

Width (in): $1\frac{3}{8}$ Height (mm): 28 Height (in): $1\frac{3}{8}$

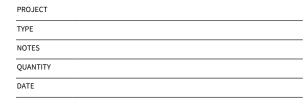
Diffuser: PMMA - Mircro Prism - Diffuser - Per Meter Fixture Material: Aluminum

ELECTRICAL

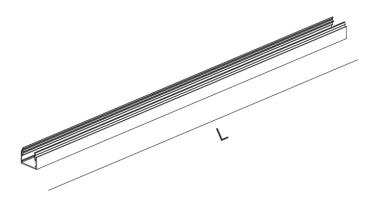
Lamp Type: LED (Zhaga Standard)

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards











A38869-

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System End Cap

GENERAL

	Brand: Prolicht
	Division: Architectural
	PHYSICAL
	Shape: Rectangle
	Length (mm): 50
	Length (in): 1 15/16
	Width (mm): 20
	Width (in): 13/16

Height (mm): 76 Height (in): 3 Weight (kg): 0.046 Weight (lbs): 0.10

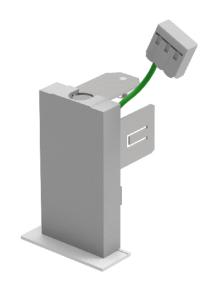
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

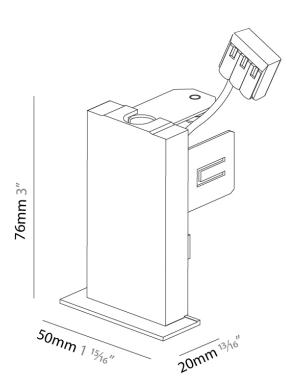
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

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ASID-TO-REC-STS COMPONENT.

A38870

DESCRIPTION

Idaho / Hypro 40 Recessed System Linear Coupler

GENERAL

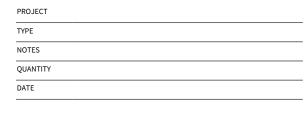
Brand: Prolicht
Division: Architectural
PHYSICAL
Shape: Rectangle
Length (mm): 150
Length (in): 5 1/8
Width (mm): 35
Width (in): 1 3/8
Height (mm): 33
Height (in): 1 ⁵ / ₁₆
Weight (kg): 0.167

RATINGS AND CERTIFICATIONS

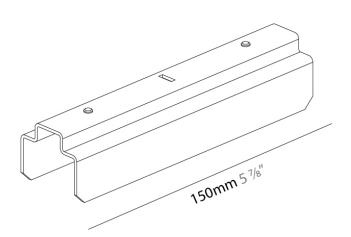
Certified By: Certified for North American Standards

IP rating: IP20

Weight (lbs): 0.37 Fixture Material: Aluminum











A38871-

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System L-Connector

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL

Length (mm): 75 Length (in): 2 15/16

Width (mm): 75
Width (in): 2 15/16

Height (mm): 76

Height (in): 3 Weight (kg): 0.264

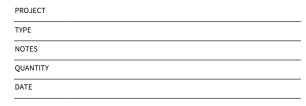
Weight (lbs): 0.58

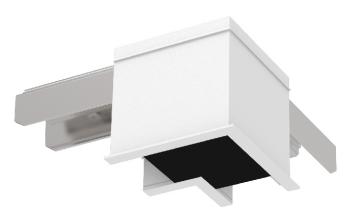
Fixture Finish: SSR/BKV/CWI/CRY/HAB/UFT/ITA/RUA/FTG/MYG/LOD/PUS/FRO/FUP/KIA/POP/BLS/SPG/MEY/GOH/GUM/CHC/COM/ABZ/JAG/OBR/MOS/ROR

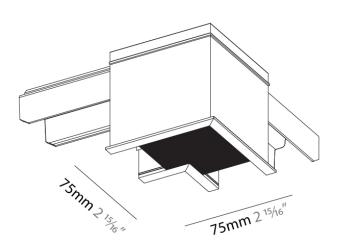
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards











A3ID40-REC-SYS COMPONENTS RECESSED

PROJECT TYPE NOTES QUANTITY DATE

A38872-

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System T-Connector

GENERAL

Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	

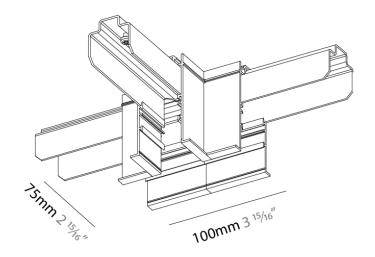
PHYSICAL
Length (mm): 75
Length (in): 2 15/16
Width (mm): 75
Width (in): 2 15/16
Height (mm): 76
Height (in): 3
Weight (kg): 0.53
Weight (lbs): 1.17
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards









A38873-

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System X-Connector

GENERAL

Brand: Prolicht Division: Architectural

PHYSICAL

Length (mm): 100 Length (in): 3 15/16

Width (mm): 100

Width (in): 3 15/16

Height (mm): 76 Height (in): 3

Weight (kg): 0.682

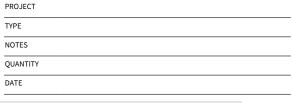
Weight (lbs): 1.5

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

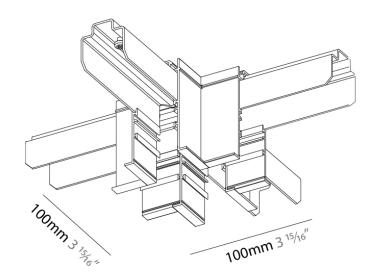
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards











A38874-

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System Wall / Ceiling Connector

GENERAL

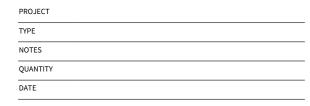
Brand: Prolicht
Division: Architectural
PHYSICAL
Length (mm): 210
Length (in): 8 1/4
Width (mm): 50
Width (in): 1 15/16
Height (mm): 210
Height (in): 8 1/4
Weight (kg): 0.682
Weight (lbs): 1.5

Fixture Finish: SSR/BKV/CWI/CRY/HAB/UFT/ITA/RUA/FTG/ MYG/LOD/PUS/FRO/FUP/KIA/POP/BLS/SPG/MEY/GOH/

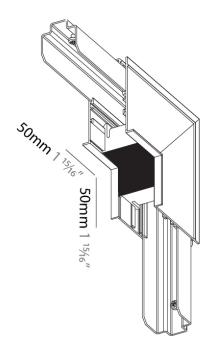
GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards











A38875

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System Installation Clips (Pair)

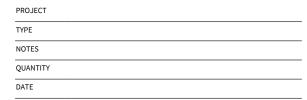
GENERAL

Brand: Prolicht
Division: Architectural
PHYSICAL
Length (mm): 30
Length (in): 1 ³ / ₁₆
Width (mm): 16
Width (in): 5/8
Height (mm): 70
Height (in): $2\frac{3}{4}$
Weight (kg): 0.012
Weight (lbs): 0.26

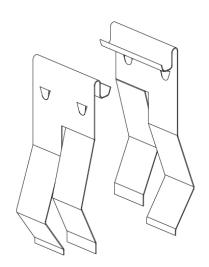
RATINGS AND CERTIFICATIONS

Fixture Material: Aluminum

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











A38876

DESCRIPTION

Idaho / Hypro 40 Recessed System Central Feed

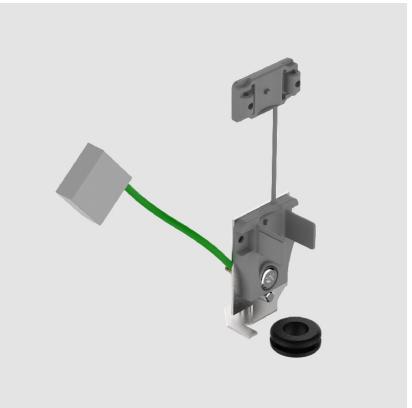
GENERAL
Brand: Prolicht
Division: Architectural
PHYSICAL
Length (mm): 31
Length (in): 1 1/4
Width (mm): 27
Width (in): 1 ½
Height (mm): 45
Height (in): 1 ¾
Weight (kg): 0.046
Weight (lbs): 0.10

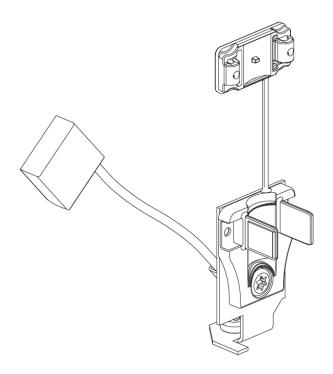
RATINGS AND CERTIFICATIONS

Fixture Material: Aluminum

Certified By: Certified for North American Standards











A38877

DESCRIPTION

Idaho / Hypro 40 Recessed System - Cable Holder

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL
Length (mm): 25

Length (in): 1 Width (mm): 36 Width (in): 1 $\frac{7}{16}$

Height (mm): 22
Height (in): 7/8
Weight (kg): 0.004
Weight (lbs): 0.008
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

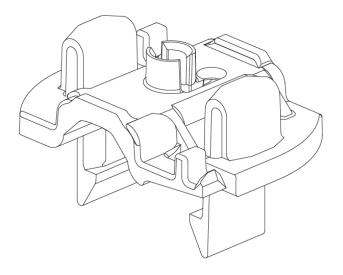
Certified By: Certified for North American Standards

IP rating: IP20





PROJECT







A38878-

DESCRIPTION

LED (Zhaga Standard) Linear Insert - Hypro 40 Profile Insert - 16.5W - 2700K / 3000K / 3500K / 4000K

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL
Length (mm): 705

Length (in): $27\frac{3}{4}$ Width (mm): 29Width (in): $1\frac{1}{1_{18}}$ Height (mm): 50Height (in): $1\frac{15}{1_{16}}$ Light Distribution: Direct

Weight (kg): 0.64
Weight (lbs): 1.41
Fixture Material: Metal

ELECTRICAL

Input Wattage Range: 10 - 19 W
Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 16.5

Total Output Wattage (W): 15
Dimming: Non-Dimmable / 0-10V Dimming

Driver Included: Yes Driver Location: Integrated

Driver Type: Constant Current - 120Vac
Driver Class: Class 2
Input Voltage (V): 120
Constant Current (MA): 350

LED

Delivered Lumen Range: 1000 - 1999 lm

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

Max. Delivered Lumen (lm): 1400 / 1490 / 1529 / 1560

Nominal Lumen (lm): 2250 / 2400 / 2450 / 2500

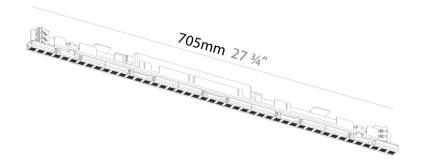
CRI: >80 CRI Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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

PROJECT
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A38879-

DESCRIPTION

LED (Zhaga Standard) Linear Insert - Hypro 40 Profile Insert -35.6W LED (Zhaga Standard) - 2700K / 3000K / 3500K / 4000K

GENERAL

Brand: Prolicht Division: Architectural

PHYSICAL

Length (mm): 1408

Length (in): 55 1/16 Width (mm): 29 Width (in): 1 1/8 Height (mm): 50 Height (in): 1 15/16 Light Distribution: Direct Weight (kg): 1.136 Weight (lbs): 2.5

ELECTRICAL

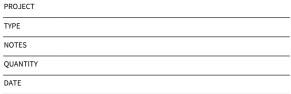
Fixture Material: Metal

Input Wattage Range: 30 - 49 W Lamp Type: LED (Zhaga Standard) Input Wattage (W): 35.6 Total Output Wattage (W): 30 Dimming: Non-Dimmable / 0-10V Dimming Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - 120Vac Driver Class: Class 1 and Class 2 Input Voltage (V): 120 Constant Current (MA): 350

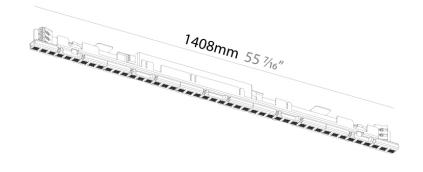
Delivered Lumen Range: 2000 - 3999 lm Color Temperature (°K): 2700 / 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 2800 / 2990 / 3048 / 3110 Nominal Lumen (lm): 4500 / 4800 / 4900 / 5000 CRI: >80 CRI Lamp Life (hrs): 50000

RATINGS AND CERTIFICATIONS

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













A38880

DESCRIPTION

Idaho 40 / Hypro 40 - System - 705mm Opal Diffuser

GENERAL

Brand: Prolicht Division: Architectural **PHYSICAL** Shape: Rectangle Length (mm): 705 Length (in): 27 3/4 Width (mm): 35 Width (in): 1 3/8 Height (mm): 28 Height (in): 1 $\frac{1}{8}$ Weight (kg): 0.138

RATINGS AND CERTIFICATIONS

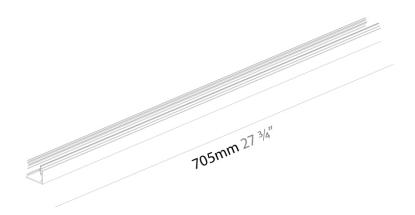
Certified By: Certified for North American Standards

IP rating: IP20

Weight (lbs): 0.3 Diffuser: PMMA - Opal





















A38881

DESCRIPTION

Idaho / Hypro 40 System - 1408mm Opal Diffuser

GENERAL

Brand: Prolicht
Division: Architectural

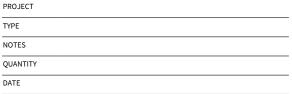
PHYSICAL
Shape: Rectangle
Length (mm): 1408
Length (in): 55 $\frac{7}{15}$ Width (mm): 35
Width (in): 1 $\frac{3}{8}$ Height (mm): 28
Height (in): 1 $\frac{3}{8}$

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

Weight (kg): 0.276 Weight (lbs): 0.61





















A38882

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Idaho 40 / Hypro 40 - System - 2113mm Opal Diffuser

GENERAL
Brand: Prolicht
Division: Architectural
PHYSICAL
Shape: Rectangle
Length (mm): 2113
Length (in): 83 ³ / ₁₆
Width (mm): 35
Width (in): 1 3/8
Height (mm): 28
Height (in): 1 3/8
Weight (kg): 0.41

RATINGS AND CERTIFICATIONS

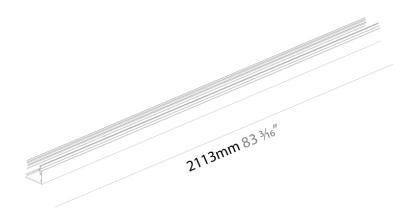
Certified By: Certified for North American Standards

IP rating: IP20

Weight (lbs): 0.9





















A38883

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Idaho 40 / Hypro 40 - System - 2815mm Opal Diffuser

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL

Shape: Rectangle Length (mm): 2815

Length (in): 110 13/16

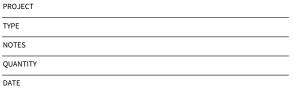
Width (mm): 35 Width (in): 1 3/8

Height (mm): 28
Height (in): 1 ½

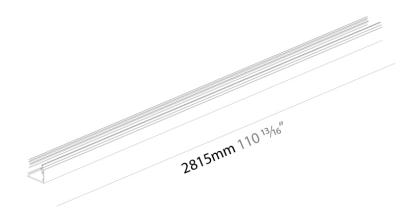
Weight (kg): 0.551 Weight (lbs): 1.215

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





















A38884

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System - 705mm Micro Prism Diffuser

GENERAL

Brand: Prolicht

Division: Architectural

PHYSICAL

Shape: Rectangle

Length (mm): 705

Length (in): 27 ¾

Width (mm): 35

Width (in): 1 ½

Beight (mm): 28

Height (in): 1 ½

Weight (kg): 0.2

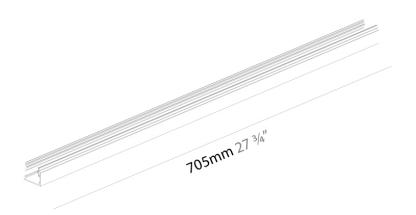
Weight (lbs): 0.44

Diffuser: PMMA - Micro-Prism RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards



















A38885

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System - 1408mm Micro Prism Diffuser

GENERAL

Brand: Prolicht

Division: Architectural

PHYSICAL

Shape: Rectangle

Length (mm): 1408

Length (in): 55 $\sqrt[7]_{16}$ Width (mm): 35

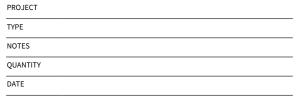
Width (in): 1 $\sqrt[3]_8$ Height (mm): 28

Height (in): 1 $\sqrt[3]_8$ Weight (kg): 0.4

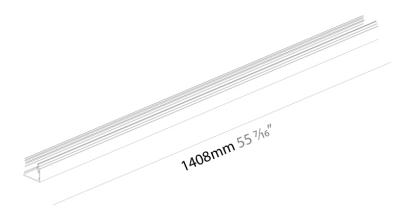
Weight (lbs): 0.88

Diffuser: PMMA - Micro-Prism RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





















A38886

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System - 2113mm Micro Prism Diffuser

GENERAL

Brand: Prolicht
Division: Architectural

PHYSICAL

Shape: Rectangle

Length (mm): 2113

Length (in): $38\sqrt[3]{16}$ Width (mm): 35

Width (in): $1\sqrt[3]{8}$ Height (in): $1\sqrt[3]{8}$ Height (in): $1\sqrt[3]{8}$ Weight (kg): 0.599

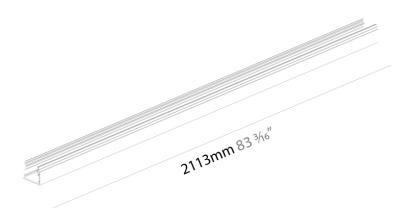
Weight (lbs): $1\sqrt[3]{16}$

Diffuser: PMMA - Micro-Prism RATINGS AND CERTIFICATIONS

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





















A38887

DESCRIPTION

Idaho 40 / Hypro 40 - Recessed System - 2815mm Micro Prism Diffuser

GENERAL

Brand: Prolicht

Division: Architectural

PHYSICAL

Length (mm): 2815

Length (in): $110^{13}/_{16}$ Width (mm): 35

Width (in): $1^{\frac{3}{2}}/_{8}$ Height (mm): 28

Height (in): $1^{\frac{3}{2}}/_{8}$ Weight (kg): 0.798

Weight (lbs): 1.76

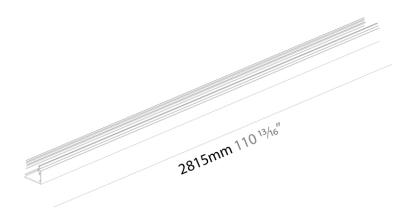
RATINGS AND CERTIFICATIONS

Diffuser: PMMA - Micro-Prism

Certified By: Certified for North American Standards





















A38892

DESCRIPTION

Idaho / Hypro 40 Recessed System - 1000mm Black Cover

GENERAL

Series: Hypro
Subseries: Hypro 40
Brand: Prolicht
Division: Architectural
PHYSICAL
Shape: Rectangle
Length (mm): 1000

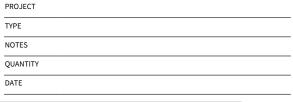
Length (in): 39 \(^{8}\)
Width (mm): 35
Width (in): 1 \(^{8}\)

Height (mm): 28 Height (in): 1 ½ Weight (kg): 0.194

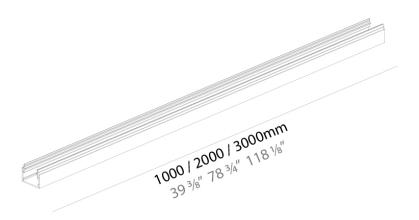
Weight (lbs): 0.428
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

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











A38893

DESCRIPTION

Idaho / Hypro 40 Recessed System - 2000mm Black Cover

GENERAL	
Series: Hypro	
Subseries: Hypro 40	
Brand: Prolicht	
Division: Architectural	
PHYSICAL	
Shape: Rectangle	
Length (mm): 2000	

Width (mm): 35 Width (in): $1\frac{3}{8}$ Height (mm): 28

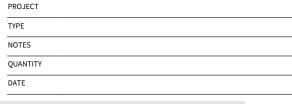
Length (in): $78\frac{3}{4}$

Height (in): 1 $\frac{1}{8}$ Weight (kg): 0.392 Weight (lbs): 0.86

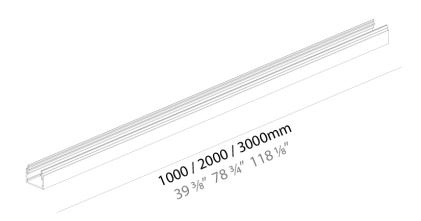
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards











A38894

DESCRIPTION

Idaho / Hypro 40 Recessed System - 3000mm Black Cover

GENERAL

Series: Hypro
Subseries: Hypro 40
Brand: Prolicht
Division: Architectural
DUVCICAL
PHYSICAL
Shape: Rectangle
Shape: Rectangle
Shape: Rectangle Length (mm): 3000

Width (in): $1\frac{3}{8}$ Height (mm): 28 Height (in): $1\frac{1}{8}$

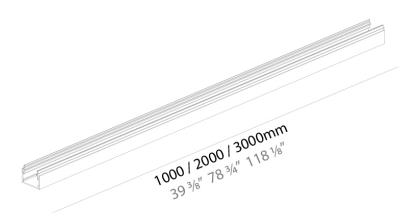
Weight (kg): 0.588
Weight (lbs): 1.3
Fixture Material: Aluminum

RATINGS AND CERTIFICATIONS

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











PROJECT		
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QUANTITY		
DATE		

LEGEND

100				-	1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
<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
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	I	color of suspension cable	in the second	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
À	direct light distribution	Δ	reflector degree selection	℃	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
$\overline{\Lambda}$	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	\odot	integrated shine ring with diffuser	30	walk on
\Box	square wall or ceiling cut-out		free individual colors 01-29	②	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
□ ←,→	minimum distance (meters) lamp - object	♦	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
<u></u>	ceiling thickness in mm		luminaire part to be colored (F3)	4	blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	()	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser		ETL Certified to UL and CSA Standards
•	sensor	0	direct diffuser	շ (Մ) սո	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	(II)	CSA Certified to UL and CSA Standards
9	available upon request	O	accessory	Z	Certified for North American Standards

IP RATING

IP20	protected against ingress of solid bodies greater than 12.5mm (finger)
IP33	protected against ingress of solid bodies greater than 2.5mm protected against sprays of water up to 60 degrees from the vertical (rain)
IP40	protected against ingress of solid bodies greater than 1mm (wire) no protection against the ingress of moisture
IP43	protected against ingress of solid bodies greater than 1mm (wire) protected against sprays of water up to 60 degrees from the vertical (rain)
IP44	protected against ingress of solid bodies greater than 1mm (wire) protected against water splashed from all directions
IP54	protected against limited ingress of dust (wet rooms/covered outdoor areas) protected against water splashed from all directions
IP65	protected against ingress of dust protected against jets of water
IP66	protected against ingress of dust protected against powerful jets of water or heavy seas
IP67	protected against ingress of dust protected against immersion of water between 15cm - 1m for 30 minutes
IP68	protected against ingress of dust protected against immersion of water under pressure for long periods

IK RATING

above the surface)

\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)