

A300096	-	-	-	-	-	-	-
base number	LED Dimming	Color Temperature	Finishes	Finishes	Finishes	Diffuser Options	Cable Length

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho	
Subseries: Idaho 100	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 895
Length (in): 35 ½
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): 3 1/16
Max. Overall Height (mm): 2090
Max. Overall Height (in): 82 $\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 4.779
Weight (lbs): 10.51
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB /MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /

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

Fixture Material: Aluminum

Cable Details: 2000mm or 6000mm Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 15

Total Output Wattage (W): 12

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V **Dimming**

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

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

Max. Delivered Lumen (lm): 1510 / 1568 / 1600

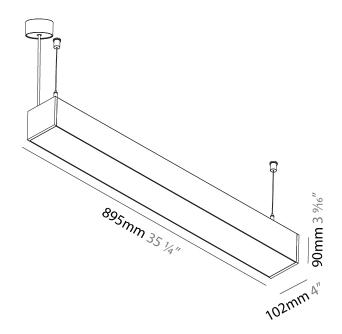
CRI: >80 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS



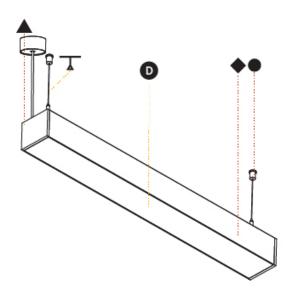






A300096-









A300097	• .						
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature				Options	Length

	PROJECT
-	TYPE
	SPECIFIER
	QUANTITY
	DATE

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho	
Subseries: Idaho 100	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1175
Length (in): 46 ¹ / ₄
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): 3 ⁹ / ₁₆
Max. Overall Height (mm): 2090
Max. Overall Height (in): 82 $\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 6
Weight (lbs): 13.2
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB /MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Cable Details: 2000mm or 6000mm Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 20

Total Output Wattage (W): 16

Fixture Material: Aluminum

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

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

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

Max. Delivered Lumen (lm): 2010 / 2088 / 2130

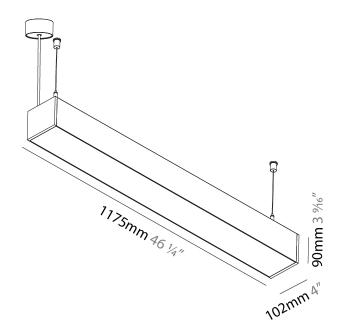
CRI: >80 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS



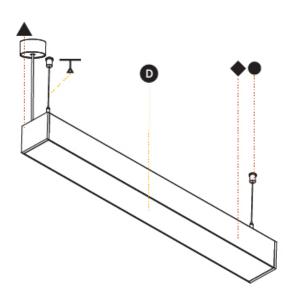






A300097-









A300098							-
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature				Options	Length

	PROJECT
-	TYPE
	SPECIFIER
	QUANTITY
	DATE

1.To build a product code in our	configurator	select the	specify	button	on
the base model # product page					

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho
Subseries: Idaho 100
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1455
Length (in): 57 ⁵ / ₁₆
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): 3 ⁹ / ₁₆
Max. Overall Height (mm): 2090
Max. Overall Height (in): 82 $\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 7.2
Weight (lbs): 15.84
Diffuser: PMMA - Opal or Micro-Prism

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

Fixture Material: Aluminum

Cable Details: 2000mm or 6000mm Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 25

Total Output Wattage (W): 20

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

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

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

Max. Delivered Lumen (lm): 2520 / 2607 / 2660

CRI: >80 CRI

Lamp Life (hrs): 50000

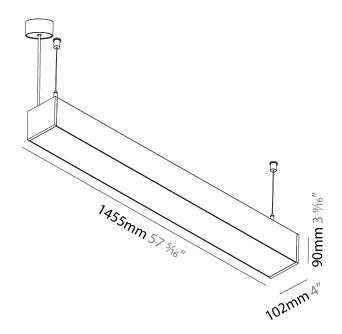
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20



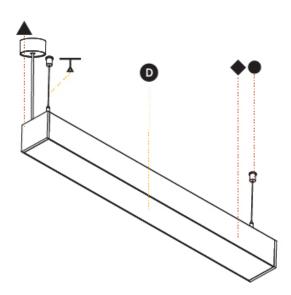






A300098-









A300099							-
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature				Options	Length

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho	
Subseries: Idaho 100	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1735
Length (in): 68 ⁵ / ₁₆
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): 3 ⁹ / ₁₆
Max. Overall Height (mm): 2090
Max. Overall Height (in): 82 $\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 8.4
Weight (lbs): 18.48
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB /MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MSC / COU / CLIM / CLIC / COM / ADT / LAC / CRP / MOS / POP / MOS / POP / MSC / COU / CLIM / CLIC / COM / ADT / LAC / CRP / MSC / POP /

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

Cable Details: 2000mm or 6000mm Transparent Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 30 Total Output Wattage (W): 24

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

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

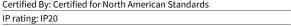
Color Temperature (°K): 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 3020 / 3126 / 3190 CRI: >80 CRI

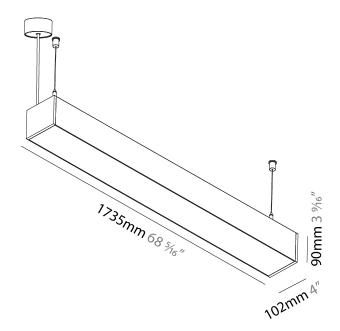
Lamp Life (hrs): 50000 OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards



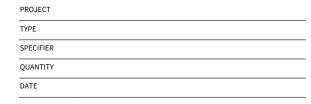


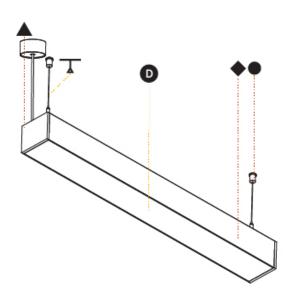






A300099-









A300100	-	-	_	-	-	-	-
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature				Options	Length

	PROJECT
-	ТҮРЕ
	SPECIFIER
	QUANTITY
	DATE

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho	
Subseries: Idaho 100	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 2015
Length (in): 79 $\frac{5}{16}$
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): 3 ⁹ / ₁₆
Max. Overall Height (mm): 2090
Max. Overall Height (in): 82 $^5\!\!/_{16}$
Light Distribution: Direct
Weight (kg): 9.6
Weight (lbs): 21.12
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB /MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /

ELECTRICAL

Fixture Material: Aluminum

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 35
Total Output Wattage (W): 28
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V
Dimming
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - 120 / 277Vac

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

Cable Details: 2000mm or 6000mm Transparent Cable

Driver Class: Class 2 Input Voltage (V): 120 - 277

Constant Current (MA): 350

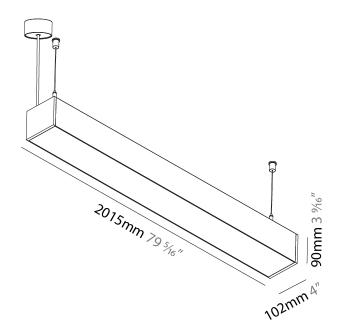
Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 3520 / 3646 / 3720

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

OPTICAL

RATINGS AND CERTIFICATIONS



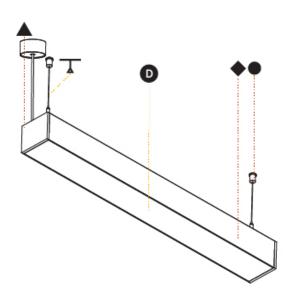






A300100-









A300101	-	-	-	-	-	-	-
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature				Options	Length

	PROJECT
-	TYPE
	SPECIFIER
	QUANTITY
	DATE

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho	
Subseries: Idaho 100	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Division. Architecturat
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1440
Length (in): 56 11/16
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): 3 ⁹ / ₁₆
Max. Overall Height (mm): 2090
Max. Overall Height (in): 82 $\frac{5}{16}$
Light Distribution: Direct / Indirect
Weight (kg): 8.476
Weight (lbs): 18.65
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB /MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Cable Details: 2000mm or 6000mm Transparent Cable **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 25/20 Total Output Wattage (W): 36

Fixture Material: Aluminum

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

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

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

Max. Delivered Lumen (lm): 4290 / 4449 / 4540

CRI: >80 CRI

Lamp Life (hrs): 50000

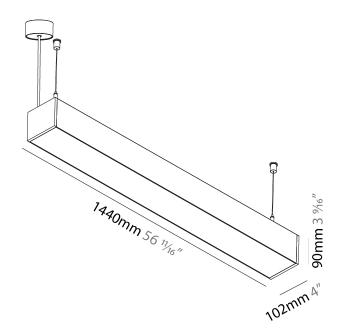
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20



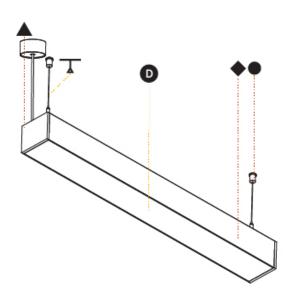






A300101-









A300102			-			-	-
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature				Options	Length

	PROJECT
-	ТҮРЕ
	SPECIFIER
	QUANTITY
	DATE

1.To build a product code in our	configurator select	the specify button on
the base model # product page		

2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho	
Subseries: Idaho 100	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1720
Length (in): 67 ¹¹ / ₁₆
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): $3\frac{9}{16}$
Light Distribution: Direct / Indirect
Weight (kg): 8.476
Weight (lbs): 18.69
Diffuser: PMMA - Opal or Micro-Prism
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 / OBR / MOS / ROR

Fixture Material: Aluminum

Cable Details: 2000mm or 6000mm Cable

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 30/25
Total Output Wattage (W): 44
Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V

Dimming

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

LED

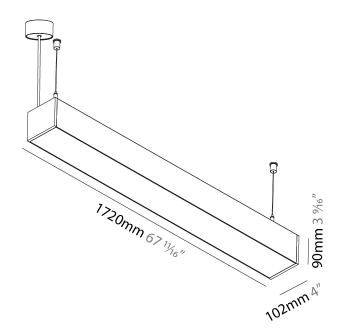
Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 5650 / 5850 / 5970

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

OPTICAL

RATINGS AND CERTIFICATIONS



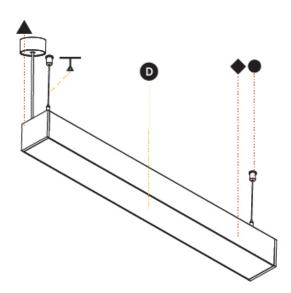






A300102-









A300103	-		-	-	-	-	-
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature				Options	Length

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho	
Subseries: Idaho 100	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 2000
Length (in): 78 ³ / ₄
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): $3\frac{9}{16}$
Max. Overall Height (mm): 2090
Max. Overall Height (in): 82 $\frac{5}{16}$
Light Distribution: Direct / Indirect
Weight (kg): 11.3
Weight (lbs): 24.86
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB /MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG /

Fixture Material: Aluminum

Cable Details: 2000mm or 6000mm Transparent Cable

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

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 35/30 Total Output Wattage (W): 52

Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming

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

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

Max. Delivered Lumen (lm): 6200 / 6419 / 6550

CRI: >80 CRI

Lamp Life (hrs): 50000

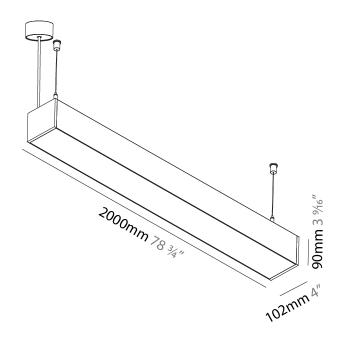
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20



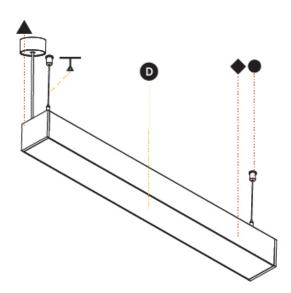






A300103-









A300104	•						
base number	LED	Color	Finishes	Finishes	Finishes	Diffuser	Cable
	Dimming	Temperature				Options	Length

	PROJECT
-	TYPE
	SPECIFIER
	QUANTITY
	DATE

- 1.To build a product code in our configurator select the specify button on the base model # product page
- 2. To build a manual product code on this datasheet choose from the options listed below in blue font and add the suffix to the base model #

GENERAL

Series: Idaho	
Subseries: Idaho 100	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 2290
Length (in): 90 ³ / ₁₆
Width (mm): 102
Width (in): 4
Height (mm): 90
Height (in): 3 ⁹ / ₁₆
Max. Overall Height (mm): 2090
Max. Overall Height (in): 82 $\frac{5}{16}$
Light Distribution: Direct / Indirect
Weight (kg): 12.621
Weight (lbs): 27.77
Diffuser: PMMA - Opal or Micro-Prism
Fixture Finish: ANA / SSR / BKV / CWI / CRY / HAB /MSR / UFT / ITA / RUA / OGR / FTG / MYG / RWR / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

Cable Details: 2000mm or 6000mm Transparent Cable **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Fixture Material: Aluminum

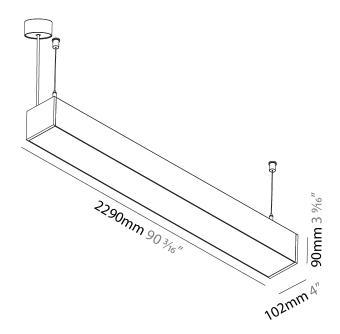
Input Wattage (W): 40/35 Total Output Wattage (W): 60 Dimming: Non-Dimming / Phase Dimming (120Vac only) / 0-10V Dimming Driver Included: Yes Driver Location: Integrated Driver Type: Constant Current - 120 / 277Vac Driver Class: Class 2 Input Voltage (V): 120 - 277 Constant Current (MA): 350

Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 7160 / 7409 / 7560 CRI: >80 CRI Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS



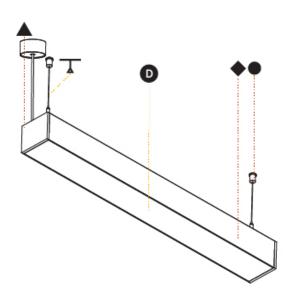






A300104-









IDAHO

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

Fixture Finish



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently betwee Physical: When texture is involved, there will be variations in color, character and tone within a pro



and between product families.



IDAHO

PI	DJECT	
T	PE	
SF	CIFIER	
Q	ANTITY	
D	TE	

LEGEND

\downarrow	floor-mounted	¥	pivotable	*	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
ラ	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
1	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	I	color of suspension cable	ill neo	fixture with natural vivid LED (upon request)
Y	omni-directional light distribution	1	length of suspension cable	CRI	color rendering index
Ä	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	(M)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	30	walk on
Z)	square wall or ceiling cut-out		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	ē	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
G +.→	minimum distance (meters) lamp - object	♦	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth		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
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
<u></u>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser	. (1)	ETL Certified to UL and CSA Standards
9	sensor	O	direct diffuser	շ (Մ) տ	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	(1)	CSA Certified to UL and CSA Standards
J	available upon request	0	accessory	Z)	Certified for North American Standards

IP RATING

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

IK RATING

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
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