## **IDAHO 40 TRIMLESS**

#### A35664-

base number

Temperature Thickness

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 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 880
Length (in): 34 <sup>5</sup> / <sub>8</sub>
Width (mm): 42
Width (in): 1 <sup>5</sup> / <sub>8</sub>
Height (mm): 97
Height (in): 3 13/16
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 135
Min. Recessing Depth (in): 5 1/16
Light Distribution: Direct
Weight (kg): 2.477
Weight (lbs): 5.48
Diffuser: PMMA - Opal
Fixture Material: Aluminum
Cut-out Measurements: 888mm / 34 15/16" x 55mm / 2 3/16"

### FI FCTDICAL

ELECTRICAL	
Lamp Type: LED (Zhaga Standard)	
Input Wattage (W): 14	
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	

Upon Request: Unique Sizes Unique Ceiling Thickness

#### LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 730 / 755 / 770
CRI: >80 CRI
Lamp Life (hrs): 50000

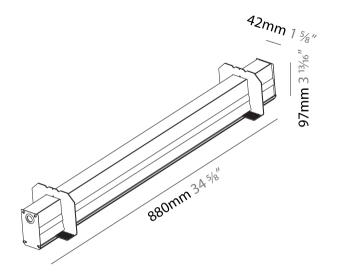
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

#### OPTICAL

### RATINGS AND CERTIFICATIONS

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	









## **IDAHO 40 TRIMLESS**

A35664-

PROJECT

TYPE

SPECIFIER

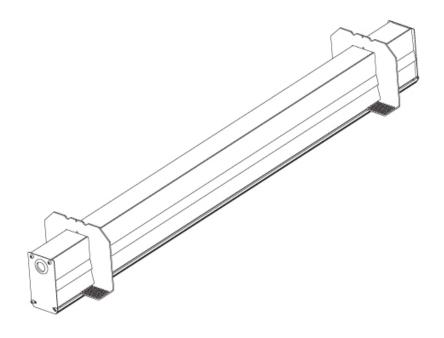
QUANTITY

DATE

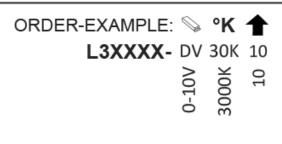
For Color / Finish Chart & Symbology see Appendix or product page downloadable area.







	DP	DV		
Dimming	Phase	0-10V		1630
Color	30K	35K	40K	°K
Color Temperature	3000K	3500K	4000K	
Osilina	10	12	15	1
Ceiling Thickness	10	12.5	15	_





### **IDAHO 40 TRIMLESS**

#### A35665-

base number

Temperature Thickness

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 40 Brand: Prolicht Division: Architectural Mounting Type: Trimless Mounting Location: Ceiling

Subcategory: Profile PHYSICAL Shape: Rectangle Length (mm): 1160 Length (in): 45 11/16 Width (mm): 42 Width (in): 1 1/8 Height (mm): 97 Height (in): 3 13/16 Ceiling Thickness (mm): 10 / 12.5 / 15 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 Min. Recessing Depth (mm): 135 Min. Recessing Depth (in):  $5\frac{5}{16}$ Light Distribution: Direct Weight (kg): 3.244 Weight (lbs): 7.14 Diffuser: PMMA - Opal Fixture Material: Aluminum Cut-out Measurements: 1168mm / 46" x 55mm / 2 3/16"

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard) Input Wattage (W): 17.5 Total Output Wattage (W): 15 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

Upon Request: Unique Sizes Unique Ceiling Thickness

#### LED

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

Max. Delivered Lumen (lm): 970 / 1009 / 1030 CRI: >80 CRI

Lamp Life (hrs): 50000

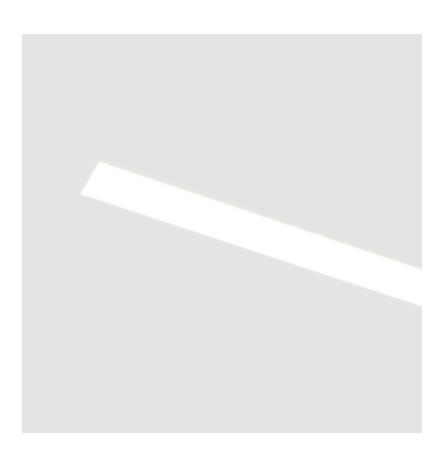
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

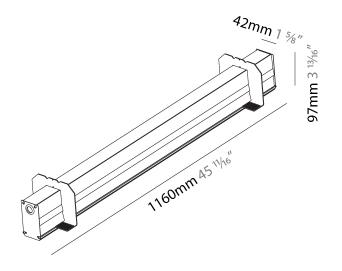
#### OPTICAL

### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards

PROJECT			
ГҮРЕ			
SPECIFIER			
YTITNAUQ			
DATE			









## **IDAHO 40 TRIMLESS**

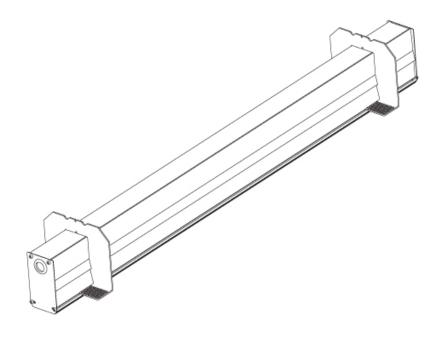
A35665-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

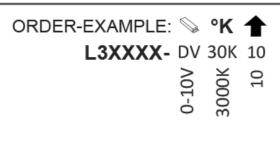
For Color / Finish Chart & Symbology see Appendix or product page downloadable area.







Dimming	DP Phase	DV 0-10V		
Color	30K	35K	40K	°K
Temperature	3000K	3500K	4000K	
Ceiling	10	12	15	1
Thickness	10	12.5	15	





## **IDAHO 40 TRIMLESS**

#### A35666-

base number

Temperature Thickness

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 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Diana. Fronchi
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1440
Length (in): 56 11/16
Width (mm): 42
Width (in): 1 <sup>5</sup> / <sub>8</sub>
Height (mm): 97
Height (in): 3 <sup>13</sup> / <sub>16</sub>
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 135
Min. Recessing Depth (in): 5 1/16
Light Distribution: Direct
Weight (kg): 3.866
Weight (lbs): 8.51
Diffuser: PMMA - Opal
Fixture Material: Aluminum
Cut-out Measurements: 1448mm / 57" x 55mm / 2 3/16"

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 21
Total Output Wattage (W): 18
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

Upon Request: Unique Sizes Unique Ceiling Thickness

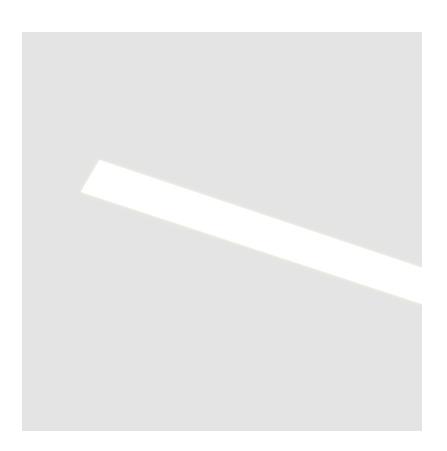
#### LED

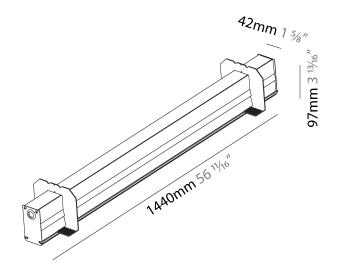
Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1210 / 1254 / 1280
CRI: >80 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no

minimum qty) price increase + longer lead time OPTICAL

#### RATINGS AND CERTIFICATIONS

PROJECT		
ГҮРЕ		
SPECIFIER		
QUANTITY		
DATE		









## **IDAHO 40 TRIMLESS**

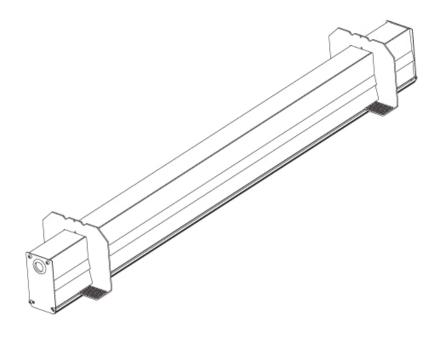
A35666-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

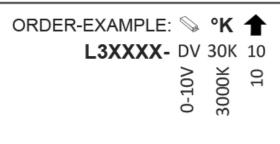
For Color / Finish Chart & Symbology see Appendix or product page downloadable area.







DP	DV		0
Phase	0-10V	-	
30K	35K	40K	°K
3000K	3500K	4000K	
10	12	15	1
10	12.5	15	_
	Phase 30K 3000K	Phase 0-10V 30K 35K 3000K 3500K	Phase     0-10V       30K     35K     40K       3000K     3500K     4000K       10     12     15





## **IDAHO 40 TRIMLESS**

A35667-

ase	num	ber

Temperature Thickness

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 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Diana. Froncisc
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1720
Length (in): 67 11/16
Width (mm): 42
Width (in): 1 <sup>5</sup> / <sub>8</sub>
Height (mm): 97
Height (in): 3 13/16
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 135
Min. Recessing Depth (in): 5 1/16
Light Distribution: Direct
Weight (kg): 4.662
Weight (lbs): 10.26
Diffuser: PMMA - Opal
Fixture Material: Aluminum
Cut-out Measurements: 1728mm / 68 1/16" x 55mm / 2 3/16"

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 24.5
Total Output Wattage (W): 21
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

Upon Request: Unique Sizes Unique Ceiling Thickness

#### LED

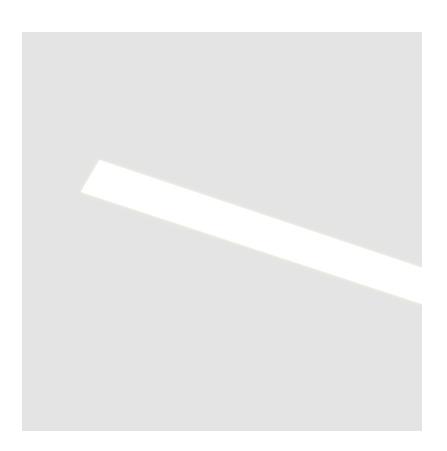
Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1460 / 1509 / 1540
CRI: >80 CRI
Lamp Life (hrs): 50000

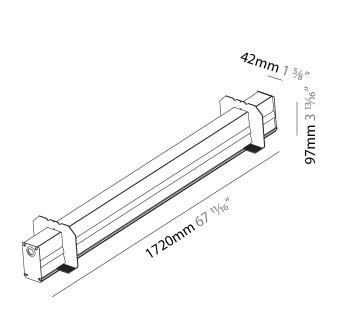
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

#### OPTICAL

### **RATINGS AND CERTIFICATIONS**

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		









## **IDAHO 40 TRIMLESS**

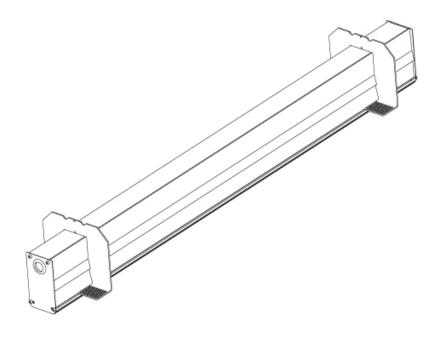
A35667-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			

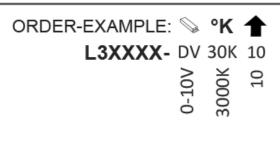
For Color / Finish Chart & Symbology see Appendix or product page downloadable area.







DP	DV		0
Phase	0-10V	-	
30K	35K	40K	°K
3000K	3500K	4000K	
10	12	15	1
10	12.5	15	_
	Phase 30K 3000K	Phase 0-10V 30K 35K 3000K 3500K	Phase     0-10V       30K     35K     40K       3000K     3500K     4000K       10     12     15





## **IDAHO 40 TRIMLESS**

#### A35668-

base number

Temperature Thickness

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 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Brana. Frotein	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	
PHYSICAL	
Shape: Rectangle	
Length (mm): 2000	
Length (in): 78 <sup>3</sup> / <sub>4</sub>	
Width (mm): 42	
Width (in): 1 <sup>5</sup> / <sub>8</sub>	
Height (mm): 97	
Height (in): 3 <sup>13</sup> / <sub>16</sub>	
Ceiling Thickness (mm): 10 / 12.5 / 15	
Ceiling Thickness (in): 3/8 or 1/2 or 9/16	
Min. Recessing Depth (mm): 135	
Min. Recessing Depth (in): 5 \(^1/_{16}\)	
Light Distribution: Direct	
Weight (kg): 5.284	
Weight (lbs): 11.62	
Diffuser: PMMA - Opal	
Fixture Material: Aluminum	
Cut-out Measurements: 2008mm / 79 1/16" x 55mm / 2 3/16"	

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 28
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

Upon Request: Unique Sizes Unique Ceiling Thickness

#### LED

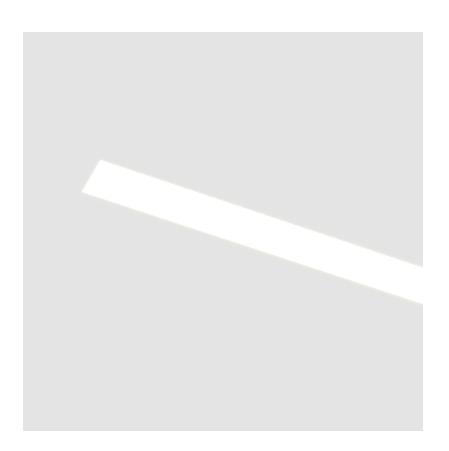
Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1700 / 1764 / 1800
CRI: >80 CRI
Lamp Life (hrs): 50000

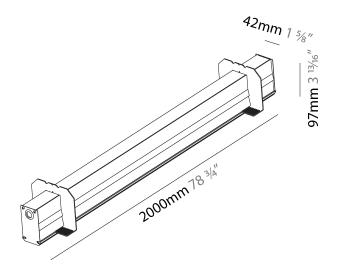
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

#### OPTICAL

### **RATINGS AND CERTIFICATIONS**

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		









## **IDAHO 40 TRIMLESS**

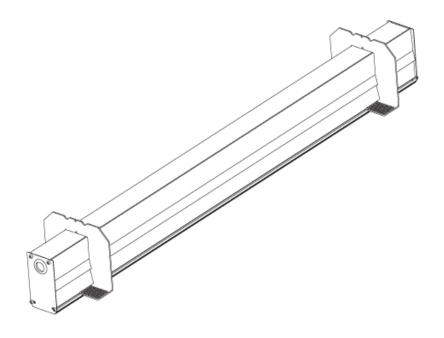
A35668-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

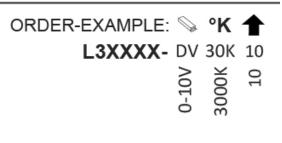
For Color / Finish Chart & Symbology see Appendix or product page downloadable area.







	DP	DV		
Dimming	Phase	0-10V	_	
Color	30K	35K	40K	°K
Temperature	3000K	3500K	4000K	
Osilina	10	12	15	•
Ceiling Thickness	10	12.5	15	





### **IDAHO 75 TRIMLESS**

#### A35669-

base number

LED Color Diffuser Ceiling
Dimming Temperature Options Thicknes

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 75	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Mounting Type. Triffless	
Mounting Location: Ceiling	
Subcategory: Profile	
PHYSICAL	
Shape: Rectangle	
Length (mm): 880	

Length (in): 34 \(^5\)\)
Width (mm): 69
Width (in): 2 \(^{11}\!/\_{16}\)

Height (mm): 90

Height (in): 3 %

Ceiling Thickness (mm): 10 / 12.5 / 15

Ceiling Thickness (in): 3/8 or 1/2 or 9/16

Min. Recessing Depth (mm): 145

Min. Recessing Depth (in): 5 11/16 Light Distribution: Direct

Weight (kg): 3.539

Weight (lbs): 7.78

Diffuser: PMMA - Opal or Micro-Prism

Fixture Material: Aluminum

Cut-out Measurements: 888mm / 34 15/16" x 85mm / 3 3/8"

Upon Request: Unique Sizes Unique Ceiling Thickness

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 15

Total Output Wattage (W): 12 / 11.1 (3500K)

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 / 375 (3500K)

LED

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

Max. Delivered Lumen (lm): 1420 / 1470 / 1500

CRI: >80 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

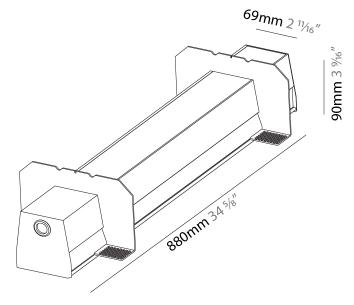
OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT			
ГҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





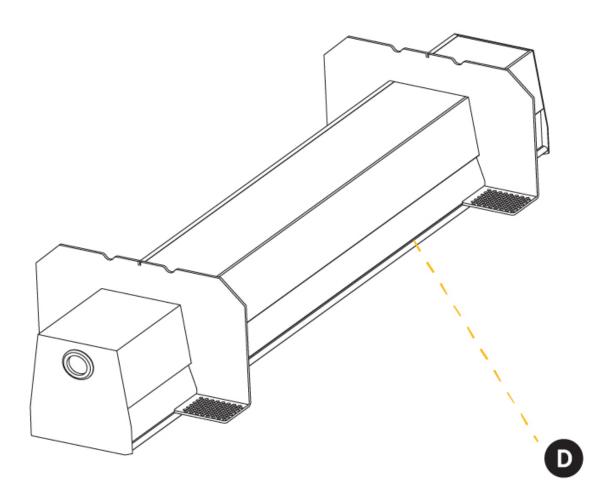




## **IDAHO 75 TRIMLESS**

A35669-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





## **IDAHO 75 TRIMLESS**

A35	670-	
-----	------	--

base number

LED Color Dimming Tempo

Color Diffuser Temperature Options

Ceiling Thickness

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 75	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1160
Length (in): 45 <sup>11</sup> / <sub>16</sub>
Width (mm): 69
Width (in): 2 11/16
Height (mm): 90
Height (in): 3 % 16
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 145
Min. Recessing Depth (in): 5 11/16
Light Distribution: Direct
Weight (kg): 4.649
Weight (lbs): 10.23

#### **ELECTRICAL**

Diffuser: PMMA - Opal or Micro-Prism Fixture Material: Aluminum

Cut-out Measurements: 1168mm / 46" x 85mm / 3 3/8"

Upon Request: Unique Sizes Unique Ceiling Thickness

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20
Total Output Wattage (W): 16 / 12.8 (3500K)
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 / 400 (3500K)

#### LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1890 / 1960 / 2000
CRI: >80 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no

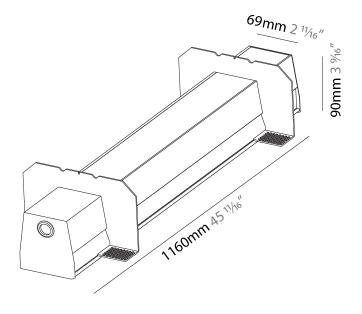
OPTICAL

### RATINGS AND CERTIFICATIONS

minimum qty) price increase + longer lead time

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





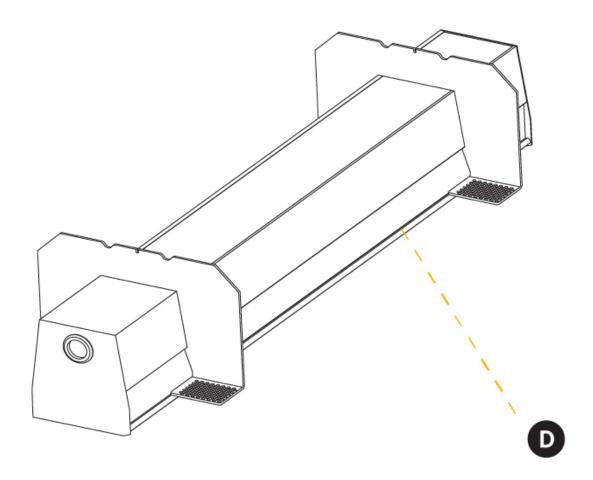




## **IDAHO 75 TRIMLESS**

A35670-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





### **IDAHO 75 TRIMLESS**

_	_	_	_	_	_	
Λ	7		c	7	1	
н		2	O	•	_	-

base number

LED Color Diffuser Ceiling
Dimming Temperature Options Thicknes

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 75
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile

#### PHYSICAL

Shape: Rectangle
Length (mm): 1440
Length (in): 56 <sup>11</sup>/<sub>16</sub>
Width (mm): 69

Width (in): 2 11/16
Height (mm): 90

Height (in): 3 %

Ceiling Thickness (mm): 10 / 12.5 / 15

Ceiling Thickness (in): 3/8 or 1/2 or 9/16

Min. Recessing Depth (mm): 145
Min. Recessing Depth (in): 5 11/16

Light Distribution: Direct

Weight (kg): 5.534

Weight (lbs): 12.18
Diffuser: PMMA - Opal or Micro-Prism

Fixture Material: Aluminum

Cut-out Measurements: 1448mm / 57" x 85mm / 3 3/8"

Upon Request: Unique Sizes Unique Ceiling Thickness

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 25

Total Output Wattage (W): 20 / 16 (3500K)

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 / 500 (3500K)

LED

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

Max. Delivered Lumen (lm): 2360 / 2450 / 2500

CRI: >80 CRI

Lamp Life (hrs): 50000

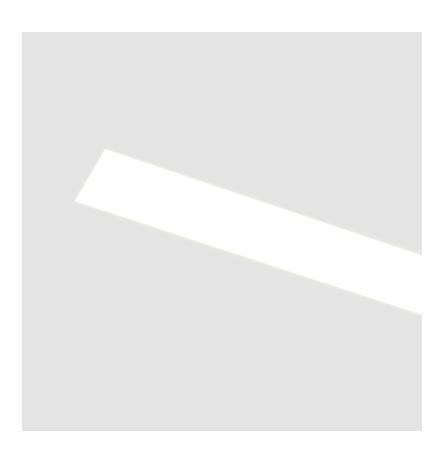
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

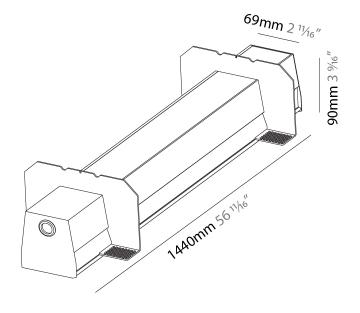
#### OPTICAL

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
ТҮРЕ		
SPECIFIER		
QUANTITY		
DATE		





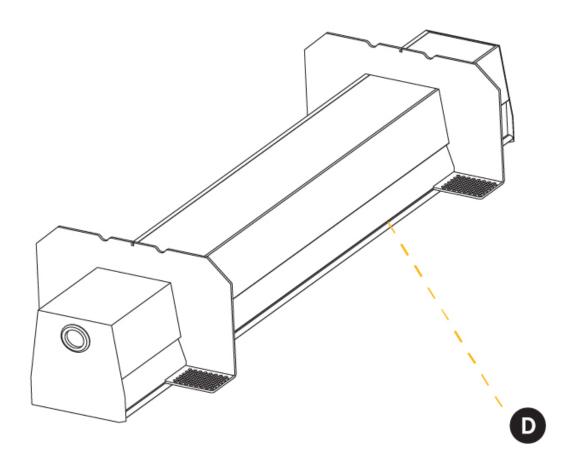




## **IDAHO 75 TRIMLESS**

A35671-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





### **IDAHO 75 TRIMLESS**

Λ	2	5	6	7	<b>7</b> _	
н		2	O	•		

base number

LED Color Diffuser Ceiling
Dimming Temperature Options Thickn

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 75
Brand: Prolicht
Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile

Subcategory: Profile PHYSICAL Shape: Rectangle Length (mm): 1720 Length (in): 67 11/16 Width (mm): 69 Width (in): 2 11/16 Height (mm): 90 Height (in): 3 % 16 Ceiling Thickness (mm): 10 / 12.5 / 15 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 Min. Recessing Depth (mm): 145 Min. Recessing Depth (in):  $5^{11}/_{16}$ Light Distribution: Direct Weight (kg): 6.638 Weight (lbs): 14.60 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

Cut-out Measurements: 1728mm / 68 1/16" x 85mm / 3 3/8"
Upon Request: Unique Sizes Unique Ceiling Thickness

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 30
Total Output Wattage (W): 24 / 19.2 (3500K)

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

Dimming (Mon-Dimming / Phase Dimming (120vac only) / 0-10

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): 2840 / 2940 / 3000

CRI: >80 CRI

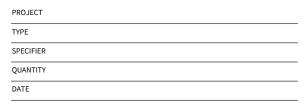
Lamp Life (hrs): 50000

Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

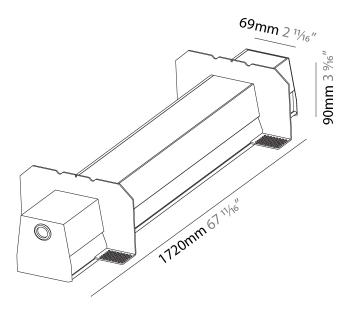
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







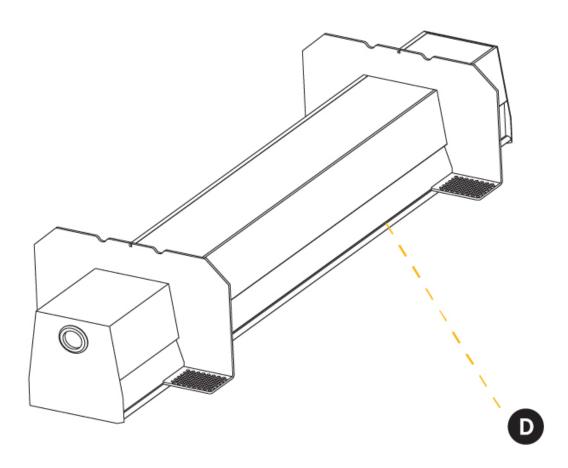




## **IDAHO 75 TRIMLESS**

A35672-

ROJECT	
YPE	
PECIFIER	_
QUANTITY	_
ATE	





### **IDAHO 75 TRIMLESS**

_	_	_	_	_	_
Λ	.2	5	6	7	2_
$\boldsymbol{n}$	_	J	u		J-

Temperature Options

Diffuser

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 75	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 2000
Length (in): 78 <sup>3</sup> / <sub>4</sub>
Width (mm): 69
Width (in): 2 11/16
Height (mm): 90
Height (in): 3 %,6
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 145
Min. Recessing Depth (in): 5 11/16
Light Distribution: Direct
Weight (kg): 7.525

Weight (lbs): 16.56

Diffuser: PMMA - Opal or Micro-Prism

Fixture Material: Aluminum

Cut-out Measurements: 2008mm / 79 1/16" x 85mm / 3 3/8" Upon Request: Unique Sizes Unique Ceiling Thickness

**ELECTRICAL** 

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 35

Total Output Wattage (W): 28 / 22.4 (3500K)

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 / 700 (3500K)

LED

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

Max. Delivered Lumen (lm): 3310 / 3430 / 3500

CRI: >80 CRI

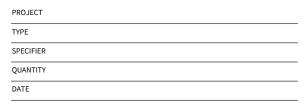
Lamp Life (hrs): 50000

Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

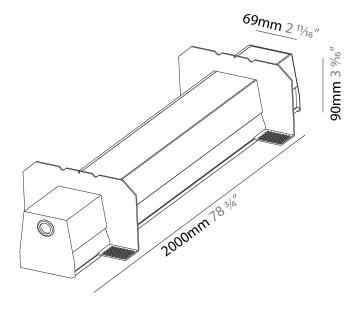
OPTICAL

**RATINGS AND CERTIFICATIONS** 

Certified By: Certified for North American Standards







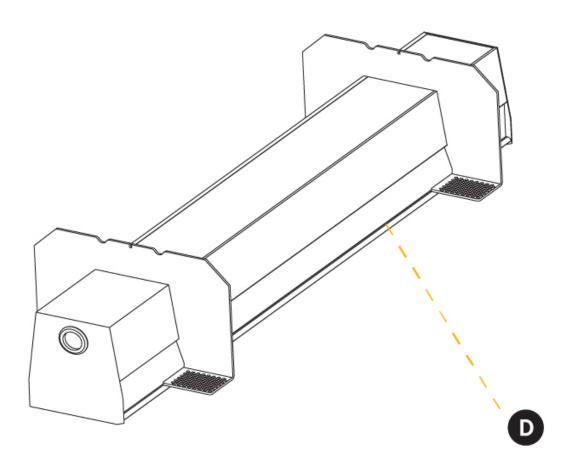




## **IDAHO 75 TRIMLESS**

A35673-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





## **IDAHO 100 TRIMLESS**

A35674	-		-	-
base number	LED	Color	Diffuser	Ceiling

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: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Division. Architecturat
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 880
Length (in): $34\frac{5}{8}$
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Height (mm): 90
Height (in): 3 % 16
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 135
Min. Recessing Depth (in): $5\frac{5}{16}$
Light Distribution: Direct
Weight (kg): 4.533
Weight (lbs): 9.97

#### FI FCTDICAL

Diffuser: PMMA - Opal or Micro-Prism Fixture Material: Aluminum

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

Cut-out Measurements: 890mm / 35 1/16" x 115mm / 4 1/2" Upon Request: Unique Sizes Unique Ceiling Thickness

#### LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1630 / 1686 / 1720
CRI: >80 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no

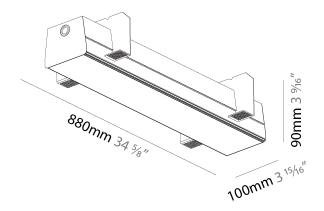
OPTICAL

### RATINGS AND CERTIFICATIONS

minimum qty) price increase + longer lead time

PROJECT			
ГҮРЕ			
SPECIFIER			
QUANTITY			
DATE			





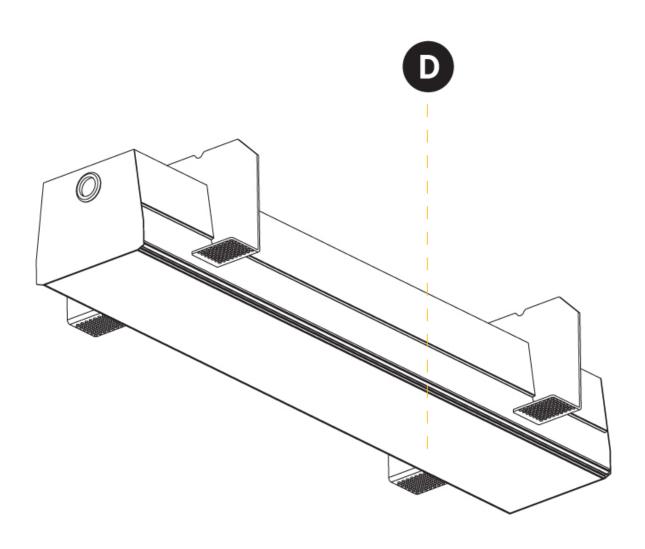




## **IDAHO 100 TRIMLESS**

A35674-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





### **IDAHO 100 TRIMLESS**

A35675	-		-	-
base number	LED	Color	Diffuser	Ceiling

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: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

PHYSICAL	
Shape: Rectangle	
Length (mm): 1160	
Length (in): 45 11/16	
Width (mm): 100	
Width (in): 3 15/16	
Height (mm): 90	

 $\frac{\text{Height (in): 3 }\%_{16}}{\text{Ceiling Thickness (mm): }10 \ / \ 12.5 \ / \ 15}$ 

Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 135

Min. Recessing Depth (in): 5 1/16

Light Distribution: Direct

Weight (kg): 5.697

Weight (lbs): 12.53
Diffuser: PMMA - Opal or Micro-Prism

Fixture Material: Aluminum

Cut-out Measurements: 1170mm / 46 1/16" x 115mm / 4 1/2"

Upon Request: Unique Sizes Unique Ceiling Thickness

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 20

Total Output Wattage (W): 16

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): 2180 / 2254 / 2300

CRI: >80 CRI

Lamp Life (hrs): 50000

Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

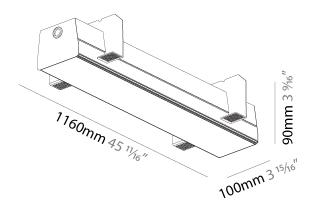
#### OPTICAL

### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
ГҮРЕ		
SPECIFIER		
QUANTITY		
DATE		





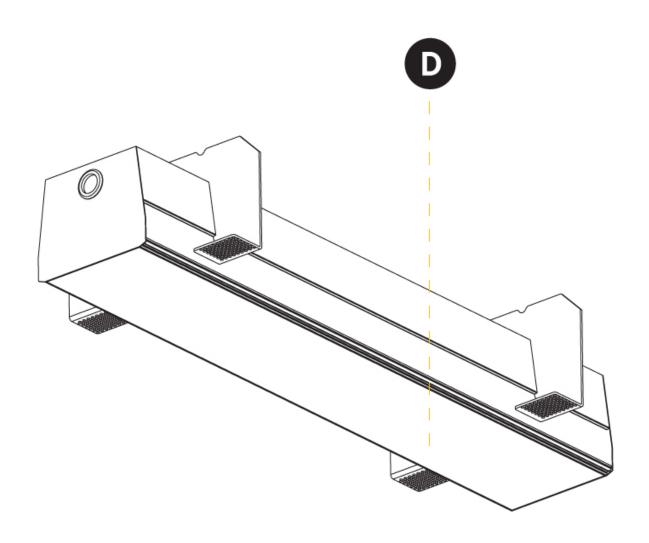




## **IDAHO 100 TRIMLESS**

A35675-

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





## **IDAHO 100 TRIMLESS**

A35676	-		-	-
base number	LED	Color	Diffuser	Ceiling

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: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Ŀ	Brand: Prolicht
	Division: Architectural
Ν	Mounting Type: Trimless
Ν	Mounting Location: Ceiling
5	Subcategory: Profile
F	PHYSICAL
5	Shape: Rectangle
L	.ength (mm): 1440
L	.ength (in): 56 <sup>11</sup> / <sub>16</sub>
٧	Vidth (mm): 100
٧	Vidth (in): 3 15/16
H	Height (mm): 90
H	Height (in): 3 1/16
	Ceiling Thickness (mm): 10 / 12.5 / 15
Ν	Min. Recessing Depth (mm): 135
Ν	Ain. Recessing Depth (in): 5 ½
L	ight Distribution: Direct
V	Veight (kg): 6.883
V	Veight (lbs): 15.14
0	Diffuser: PMMA - Opal or Micro-Prism
F	ixture Material: Aluminum
(	Cut-out Measurements: 1450mm / 57 1/16" x 115mm / 4 1/2"

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

Upon Request: Unique Sizes Unique Ceiling Thickness

### LED

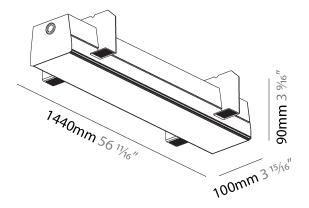
Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2720 / 2813 / 2870
CRI: >80 CRI
Lamp Life (hrs): 50000
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no

minimum qty) price increase + longer lead time

## RATINGS AND CERTIFICATIONS

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		









## **IDAHO 100 TRIMLESS**

A35676-

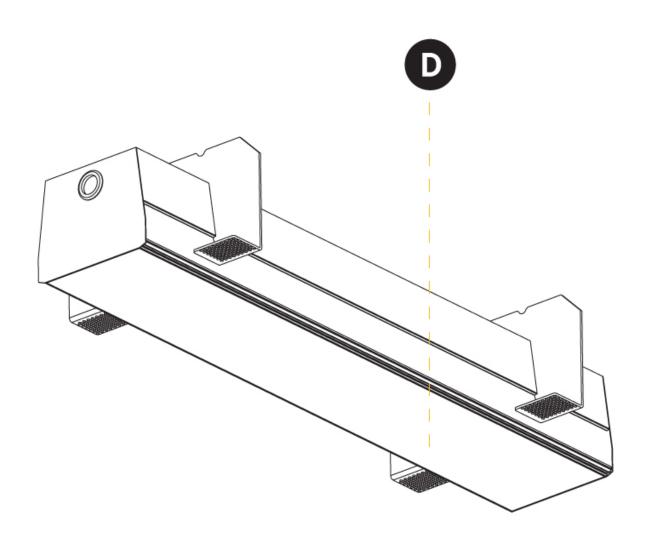
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE





## **IDAHO 100 TRIMLESS**

A35677	-		-	-
base number	LED	Color	Diffuser	Ceiling

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: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 1720
Length (in): 67 11/16
Width (mm): 100
Width (in): 3 15/16
Height (mm): 90
Height (in): 3 % 16
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 135
Min. Recessing Depth (in): 5 1/16
Light Distribution: Direct
Weight (kg): 8.069
Weight (lbs): 18.26
Diffuser: PMMA - Opal or Micro-Prism
Fixture Material: Aluminum

#### ELECTRICAL

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

Cut-out Measurements: 1730mm / 68 1/8" x 115mm / 4 1/2" Upon Request: Unique Sizes Unique Ceiling Thickness

#### LED

Color Temperature (°K): 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 3260 / 3381 / 3450	
CRI: >80 CRI	
Lamp Life (hrs): 50000	
Upon Request: Special Color Temperature RGB-W Tunable White CRI	(nc

#### OPTICAL

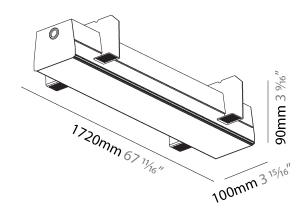
#### **RATINGS AND CERTIFICATIONS**

minimum qty) price increase + longer lead time

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

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





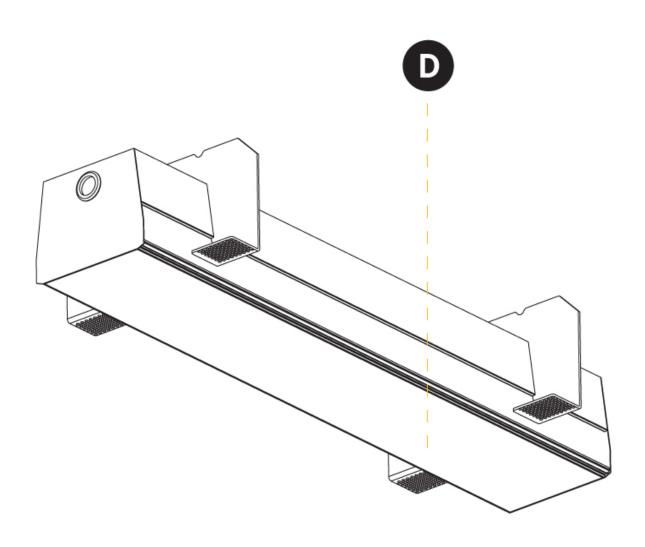




## **IDAHO 100 TRIMLESS**

A35677-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	





## **IDAHO 100 TRIMLESS**

A35678	-	-	-	-
base number	LED	Color	Diffuser	Ceiling

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: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

Division: Architectural
Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Profile
PHYSICAL
Shape: Rectangle
Length (mm): 2000
Length (in): 78 <sup>3</sup> / <sub>4</sub>
Width (mm): 100
Width (in): 3 <sup>15</sup> / <sub>16</sub>
Height (mm): 90
Height (in): 3 %,6
Ceiling Thickness (mm): 10 / 12.5 / 15
Ceiling Thickness (in): 3/8 or 1/2 or 9/16
Min. Recessing Depth (mm): 135
Min. Recessing Depth (in): 5 1/16
Light Distribution: Direct
Weight (kg): 9.489
Weight (lbs): 20.88
Diffuser: PMMA - Opal or Micro-Prism
Fixture Material: Aluminum

#### **ELECTRICAL**

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	
Driver Class: Class 2	
Input Voltage (V): 120 - 277	
Constant Current (MA): 350	
	_

Cut-out Measurements: 2010mm / 79 1/8" x 115mm / 4 1/2" Upon Request: Unique Sizes Unique Ceiling Thickness

#### LED

Color Temperature (°K): 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 3810 / 3940 / 4020
CRI: >80 CRI
Lamp Life (hrs): 50000

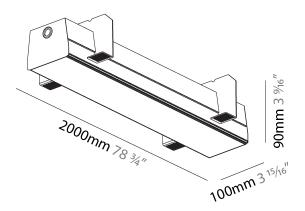
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

#### OPTICAL

### **RATINGS AND CERTIFICATIONS**

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	





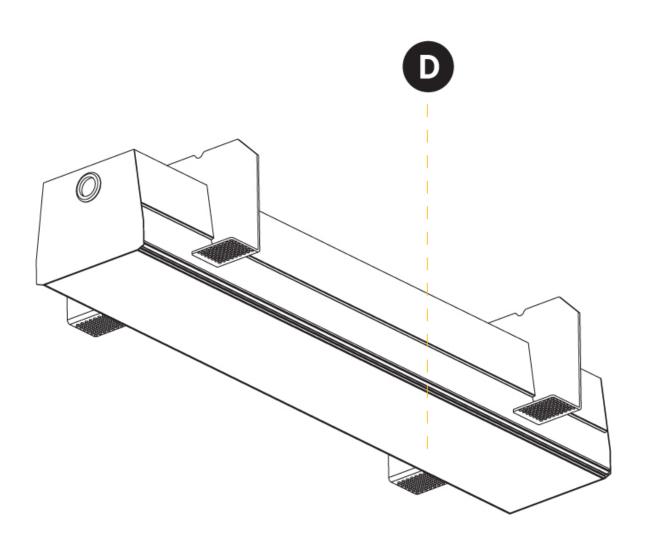




## **IDAHO 100 TRIMLESS**

A35678-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE





### **IDAHO 100 TRIMLESS**

#### A3ID100-TRI-SYS

hase number

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: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

#### **PHYSICAL**

Length (mm): Custom length Length (in): Custom length

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

#### ELECTRICAL

Lamp Type: LED (Zhaga Standard)

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 / 100 / 350

#### LED

Lamp Life (hrs): 50000

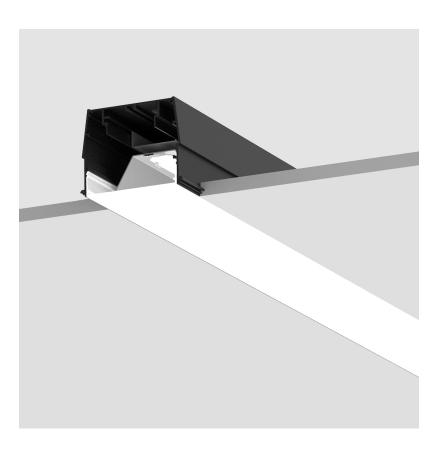
Upon Request: Color Temperature RGB-W Tunable CRI (no minimum qty) price increase + longer lead time

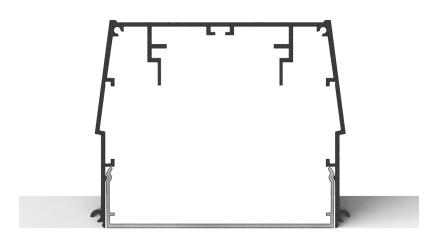
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards









### **IDAHO 40 TRIMLESS**

#### A3ID40-TRI-SYS

base number

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 40	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

#### **PHYSICAL**

Length (mm): Custom length Length (in): Custom length

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

Upon Request: Unique Ceiling Thickness

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)

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

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

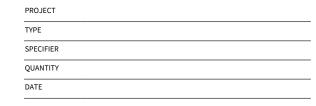
Lamp Life (hrs): 50000

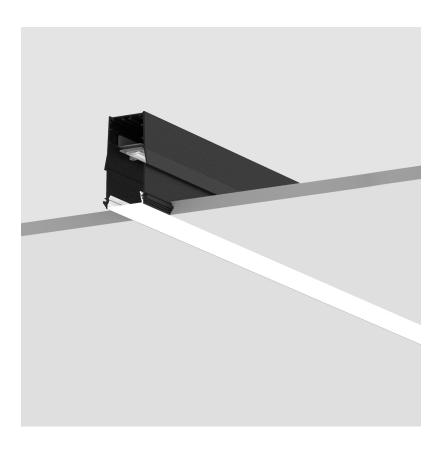
Upon Request: Special Color Temperature RGB-W Tunable White CRI (no minimum qty) price increase + longer lead time

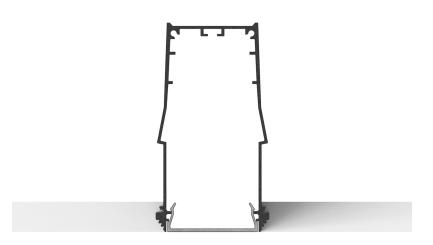
#### OPTICAL

#### **RATINGS AND CERTIFICATIONS**

Certified By: Certified for North American Standards









### **IDAHO 75 TRIMLESS**

#### A3ID75-TRI-SYS

base number

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 75	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Profile	

#### **PHYSICAL**

Length (mm): Custom length Length (in): Custom length

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

#### **ELECTRICAL**

Lamp Type: LED (Zhaga Standard)
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 / 100 / 350

#### LED

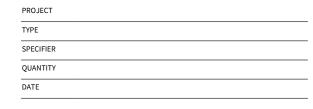
Lamp Life (hrs): 50000

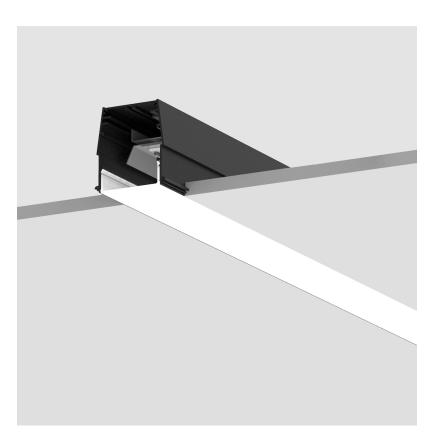
Upon Request: Color Temperature RGB-W Tunable CRI (no minimum qty) price increase + longer lead time

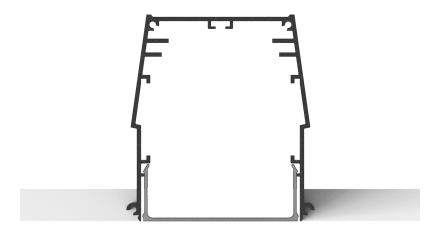
#### OPTICAL

#### RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards











### **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**

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

## **LEGEND**

<u></u> 1	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	J	rotating	0	warm dim / natural dimming LED
<u> </u>	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
<b>→</b>    \	wall-mounted	I	color of suspension cable	71400	fixture with natural vivid LED (upon request)
<b>Y</b>	omni-directional light distribution	→	length of suspension cable	CRI	color rendering index
	direct light distribution		reflector degree selection	(K)	color temperature
X	direct/indirect light distribution	s s	super spot	(X)	lumen (luminous flux)
M	indirect light distribution	*	lens	(₹	efficacy (lumens per watt)
T a	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)
3	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
<b>□</b>	square wall or ceiling cut-out	Ċ	free individual colors 01-29	<b>②</b>	drive on
c√c t	the supplied jig specifies the cutout dimensions	C	individual colors: 00 (free of charge), 01-25 (extra charge)	OSC	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)
<u>+</u>	recessed depth		luminaire part to be colored (F2)		lamp protected against explosion
1	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
<u> </u>	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
i i	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
<del>ک</del> ہ	separately switchable	$\odot$	indirect diffuser		ETL Certified to UL and CSA Standards
• <i>y</i> ) s	sensor	0	direct diffuser	։ (Մ) us	UL Certified to UL and CSA Standards
(i)	remote control	0	ball-proof (upon request)	<b>(B)</b>	CSA Certified to UL and CSA Standards
7	available upon request	0	accessory	$\mathbf{Z}$	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)

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)
IKO6	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
IKOB	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)
IK10	protected against 20 joules impact (equivalent to $5.0 kg$ mass dropped from $400 mm$ 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