

SMOOTHLINE SUSPENSION

A30269-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options
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- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 630
 Length (in): 24 13/16
 Width (mm): 200
 Width (in): 7 7/8
 Height (mm): 120
 Height (in): 4 3/4
 Max. Overall Height (mm): 2120
 Max. Overall Height (in): 82 1/2
 Weight (kg): 5.043
 Weight (lbs): 11.40
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cable Details: 2000mm / 78 3/4"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 21
 Total Output Wattage (W): 18
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

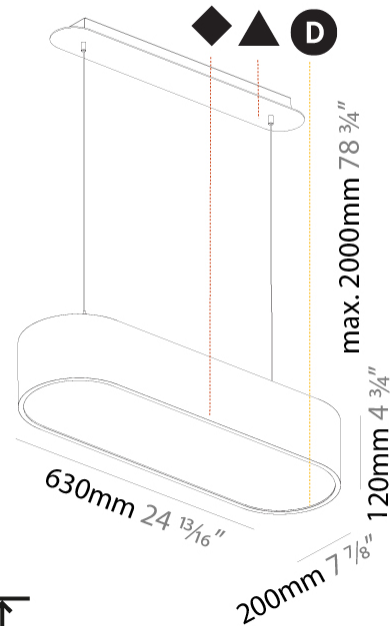
LED

Number of LEDs: 6 x 3W
 Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 1530 / 1680
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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



SMOOTHLINE SUSPENSION

A30269-

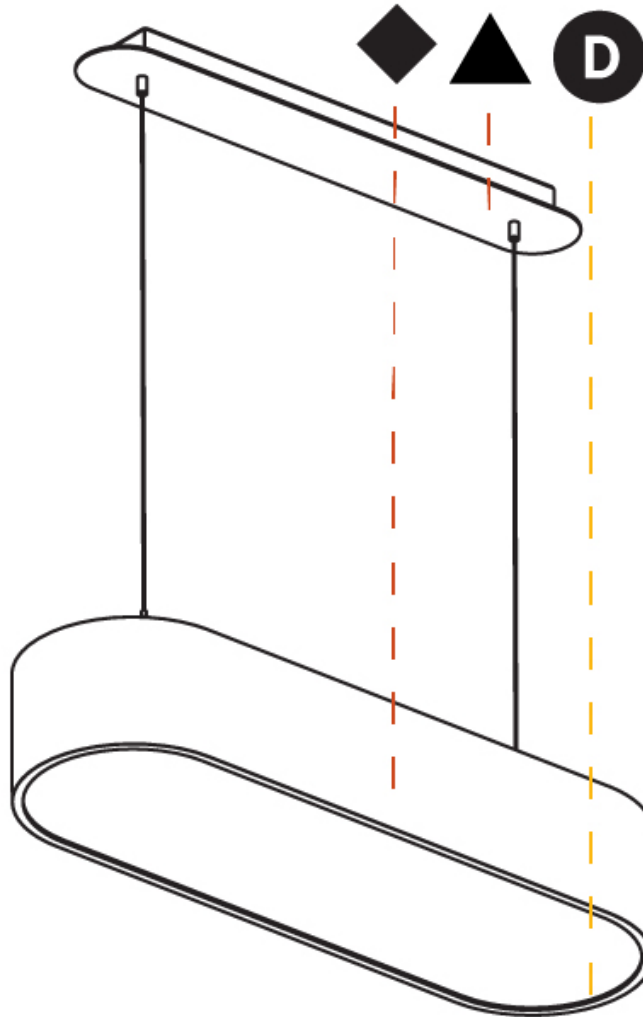
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



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SMOOTHLINE SUSPENSION

A30271-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 930
 Length (in): 36 5/8
 Width (mm): 200
 Width (in): 7 7/8
 Height (mm): 120
 Height (in): 4 3/4
 Max. Overall Height (mm): 2120
 Max. Overall Height (in): 82 1/2
 Weight (kg): 6.973
 Weight (lbs): 15.34
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cable Details: 2000mm / 78 3/4"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 31.5
 Total Output Wattage (W): 27
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

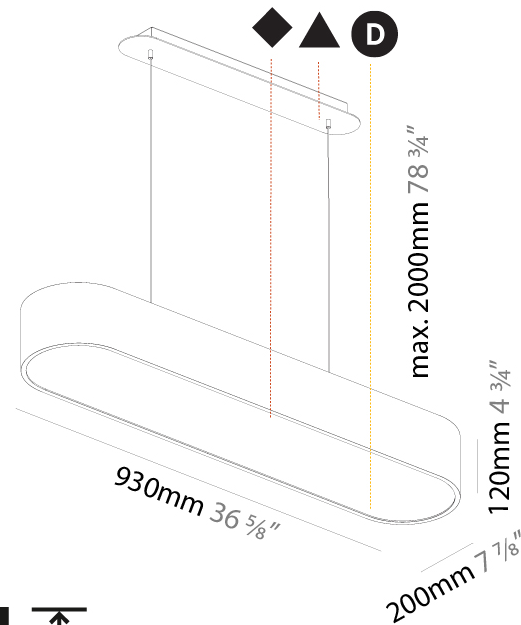
LED

Number of LEDs: 9
 Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2190 / 2410
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

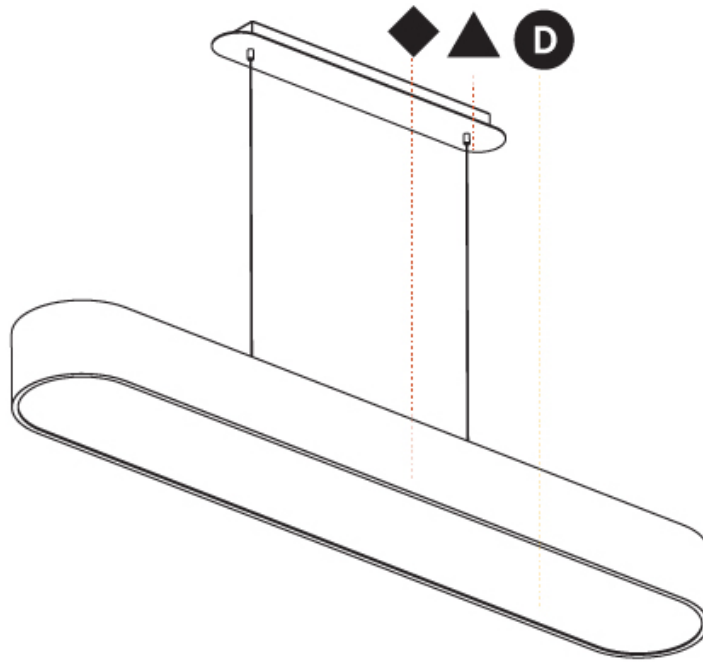
Certified By: Certified for North American Standards
 IP rating: IP20



SMOOTHLINE SUSPENSION

A30271-

PROJECT	_____
TYPE	_____
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DATE	_____



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SMOOTHLINE SUSPENSION

A30273-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oblong
 Length (mm): 1230
 Length (in): 48 7/16
 Width (mm): 200
 Width (in): 7 7/8
 Height (mm): 120
 Height (in): 4 3/4
 Max. Overall Height (mm): 2120
 Max. Overall Height (in): 82 1/2
 Weight (kg): 8.855
 Weight (lbs): 19.48
 Diffuser: [PMMA - Opal or Micro-Prism](#)
 Fixture Finish: [SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: [Extruded Aluminum / Steel](#)
 Cable Details: 2000mm / 78 3/4"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 42
 Total Output Wattage (W): 38
 Dimming: [Tri-Mode \(Non-Dimming and Phase Dimming \(120Vac only\) and 0-10V Dimming\)](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 1
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

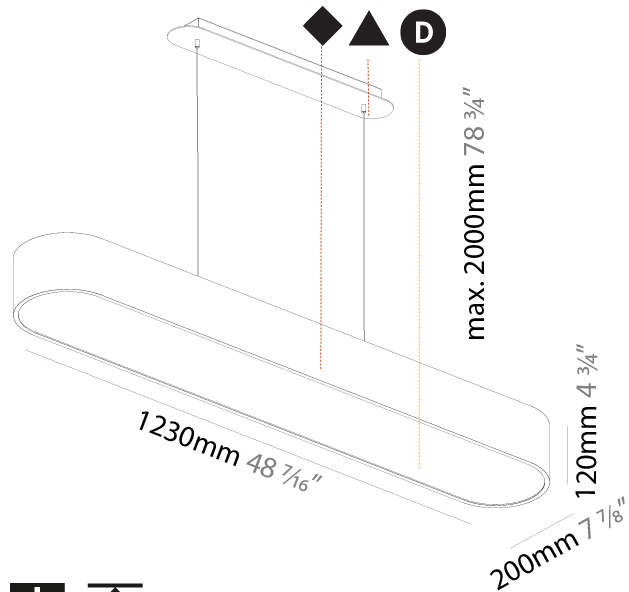
LED

Number of LEDs: 12
 Color Temperature (°K): [3000 / 4000](#)
 Max. Delivered Lumen (lm): 2920 / 3210
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

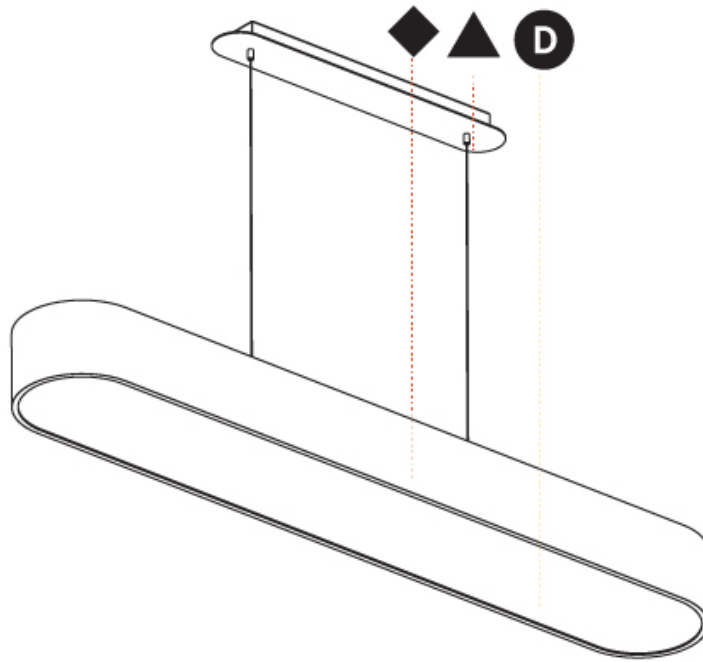
Certified By: Certified for North American Standards
 IP rating: IP20



SMOOTHLINE SUSPENSION

A30273-

PROJECT
TYPE
SPECIFIER
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SMOOTHLINE SUSPENSION

A30275-

base number LED Dimming Color Temperature Finishes (Diamond) Finishes (Triangle) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oblong
 Length (mm): 1530
 Length (in): 60 1/4
 Width (mm): 200
 Width (in): 7 7/8
 Height (mm): 120
 Height (in): 4 3/4
 Max. Overall Height (mm): 2120
 Max. Overall Height (in): 82 1/2
 Weight (kg): 10.765
 Weight (lbs): 23.73
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cable Details: 2000mm / 78 3/4"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 52.5
 Total Output Wattage (W): 45
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

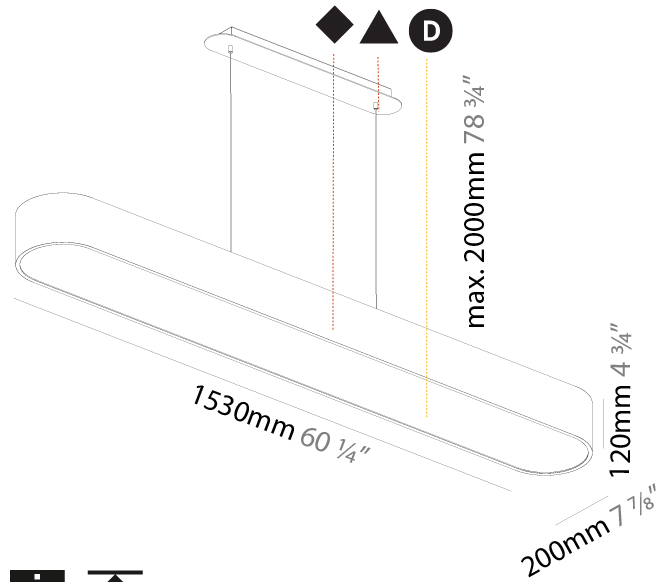
LED

Number of LEDs: 15
 Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 3650 / 4010
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

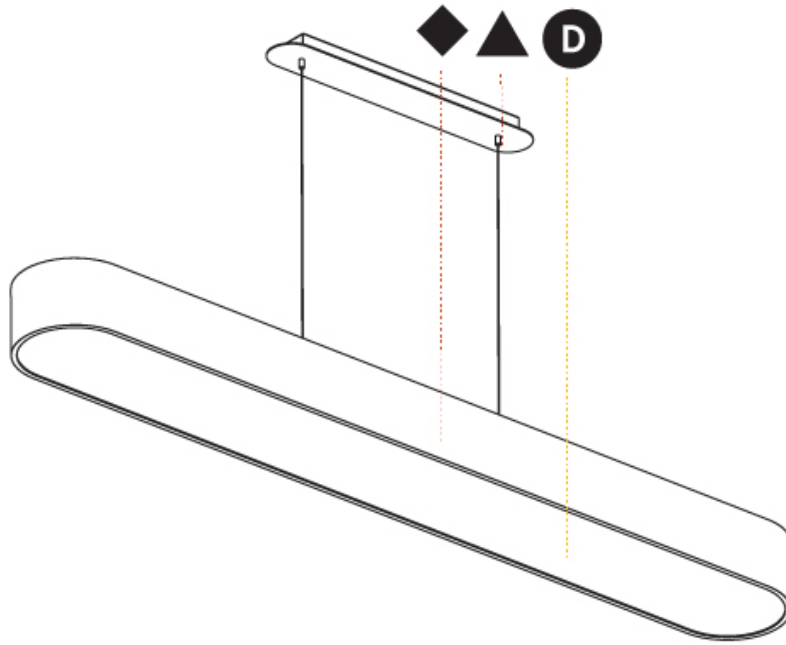
Certified By: Certified for North American Standards
 IP rating: IP20



SMOOTHLINE SUSPENSION

A30275-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
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SMOOTHY STANDARD SUSPENSION

A31672-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 370
 Length (in): 14 9/16
 Width (mm): 370
 Width (in): 14 9/16
 Height (mm): 120
 Height (in): 4 3/4
 Max. Overall Height (mm): 2120
 Max. Overall Height (in): 83 7/16
 Weight (kg): 4.15
 Weight (lbs): 9.13
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cable Details: 2000mm / 78 3/4"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 12
 Total Output Wattage (W): 10
 Dimming: Non-Dimmable
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350
 Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

LED

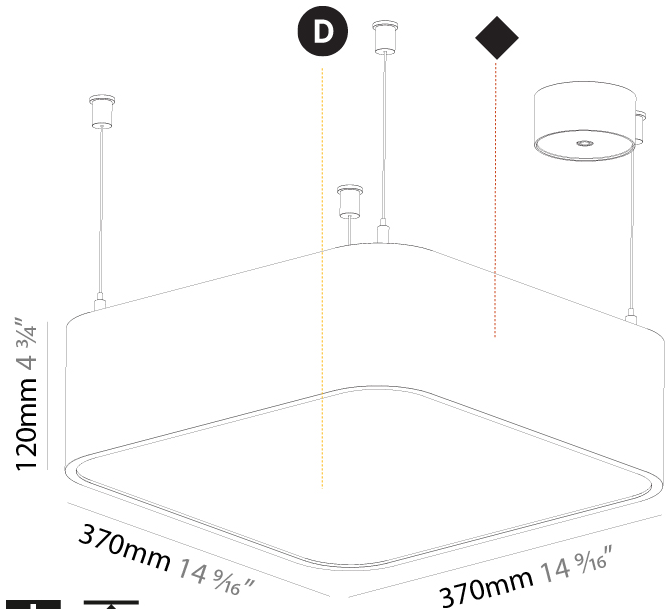
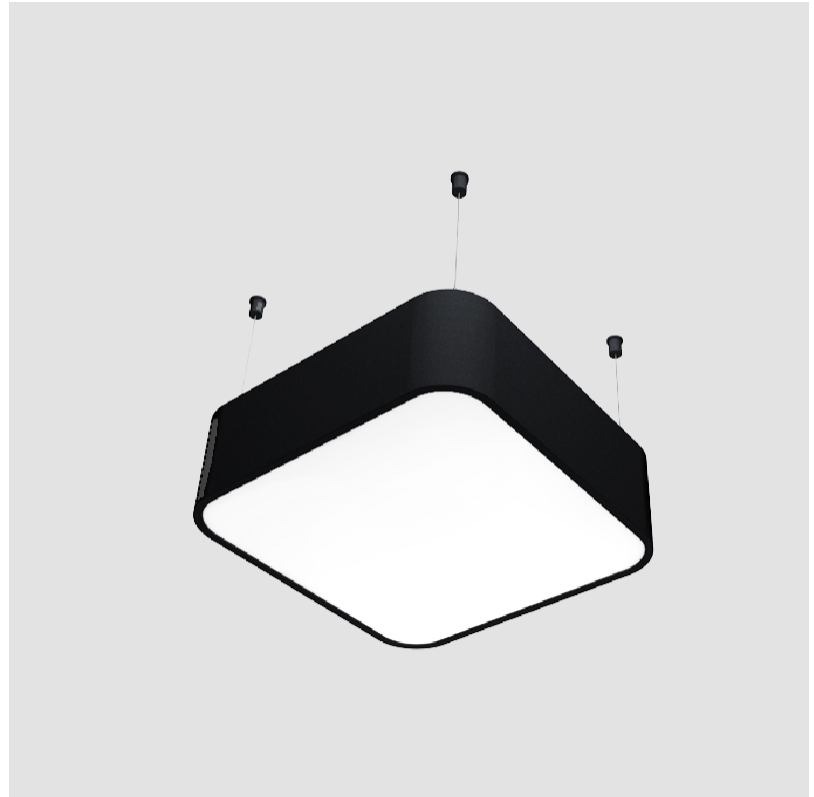
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 1380 / 1430
 CRI: >80 CRI
 Efficiency (%): 82.7
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

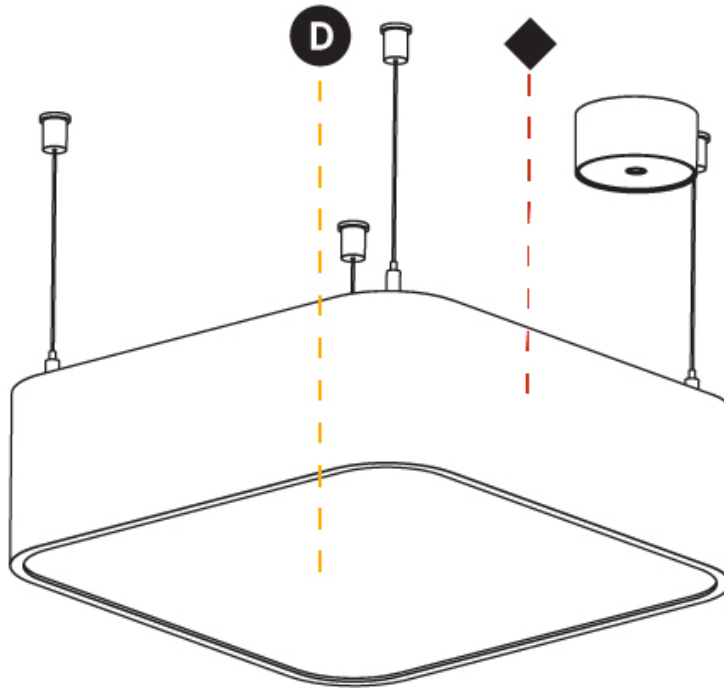
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QUANTITY
DATE



SMOOTHY STANDARD SUSPENSION

A31672-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



SMOOTHY STANDARD SUSPENSION

A31679-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 600
 Length (in): 23 5/8
 Width (mm): 600
 Width (in): 23 5/8
 Height (mm): 120
 Height (in): 4 3/4
 Max. Overall Height (mm): 2120mm / 83-7/16
 Max. Overall Height (in): 83 7/16
 Weight (kg): 10.86
 Weight (lbs): 23.94
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cable Details: 2000mm / 78 3/4"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 50
 Total Output Wattage (W): 45
 Dimming: Non-Dimmable
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350
 Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

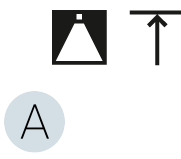
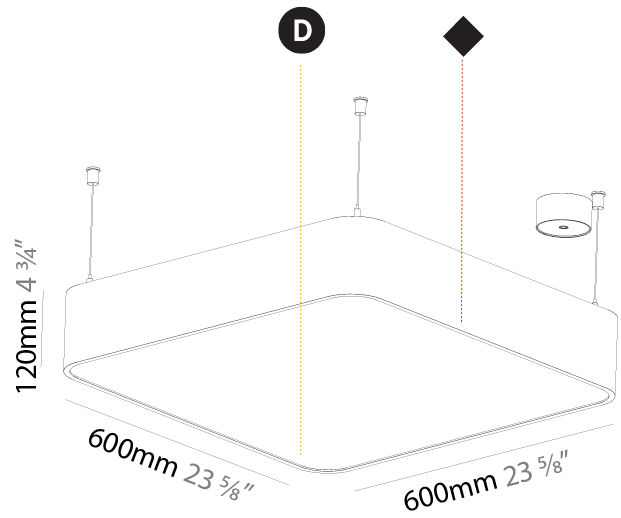
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 5520 / 5720
 CRI: >80 CRI
 Efficiency (%): 82.7
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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



SMOOTHY STANDARD SUSPENSION

A31679-

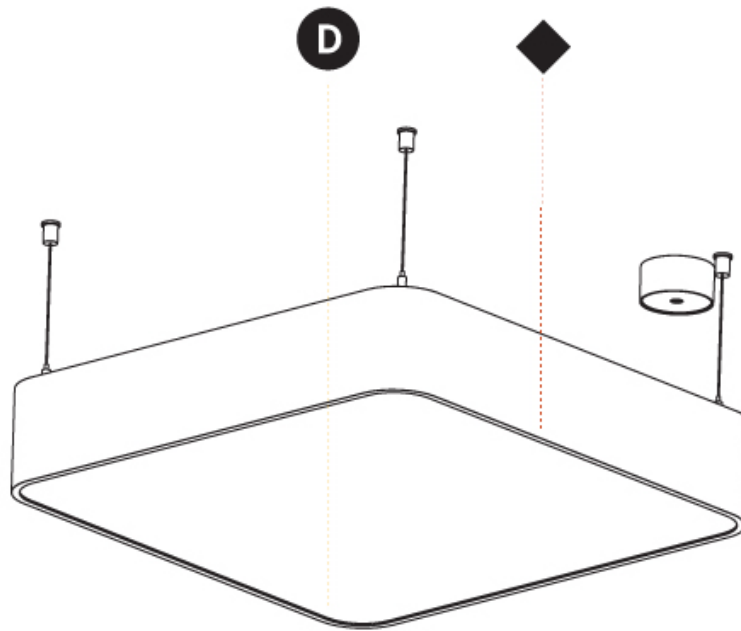
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



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SMOOTHY STANDARD SUSPENSION

A31684-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Rectangle
 Length (mm): 1200
 Length (in): 47 1/4
 Width (mm): 600
 Width (in): 23 5/8
 Height (mm): 120
 Height (in): 4 3/4
 Max. Overall Height (mm): 2120mm / 83-7/16
 Max. Overall Height (in): 83 7/16
 Weight (kg): 20.33
 Weight (lbs): 44.82
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cable Details: 2000mm / 78 3/4"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 108.9
 Total Output Wattage (W): 99
 Dimming: Non-Dimmable
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350
 Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

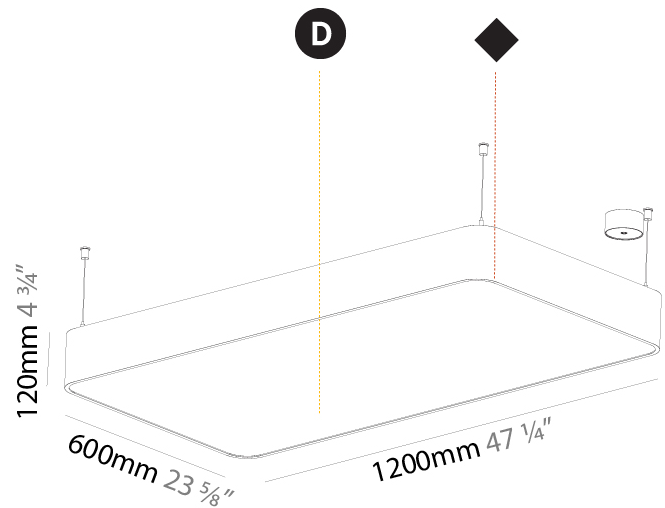
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 11050 / 11450
 CRI: >80 CRI
 Efficiency (%): 82.7%
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

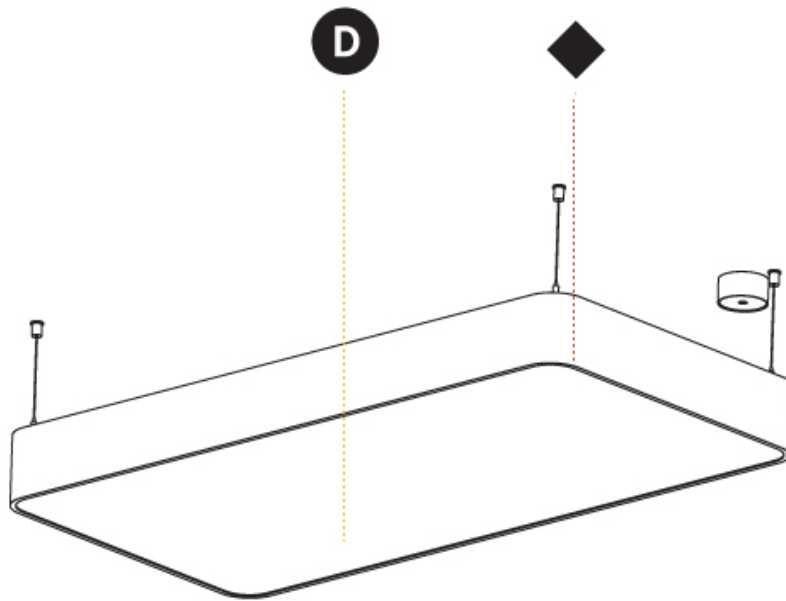
Certified By: Certified for North American Standards
 IP rating: IP20



SMOOTHY STANDARD SUSPENSION

A31684-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



SMOOTHY STANDARD SURFACE

A32365-

base number LED Color Finishes Diffuser
 Dimming Temperature (Diamond) Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Surface
 Product Type: Ceiling Surface
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 370
 Length (in): 14 ⁹/₁₆
 Width (mm): 370
 Width (in): 14 ⁹/₁₆
 Height (mm): 120
 Height (in): 4 ³/₄
 Weight (kg): 3.458
 Weight (lbs): 7.61
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 13.2
 Total Output Wattage (W): 12
 Dimming: Non-Dimmable
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current -Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350
 Upon Request: 0-10Vdc dimming / Phase dimming 120Vac only

LED

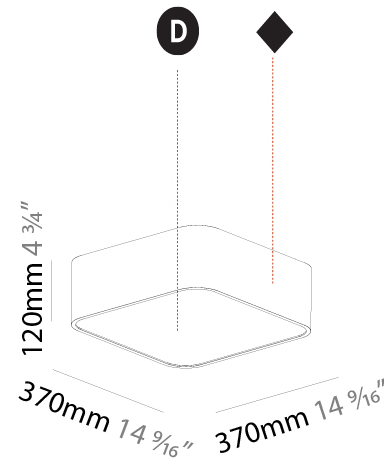
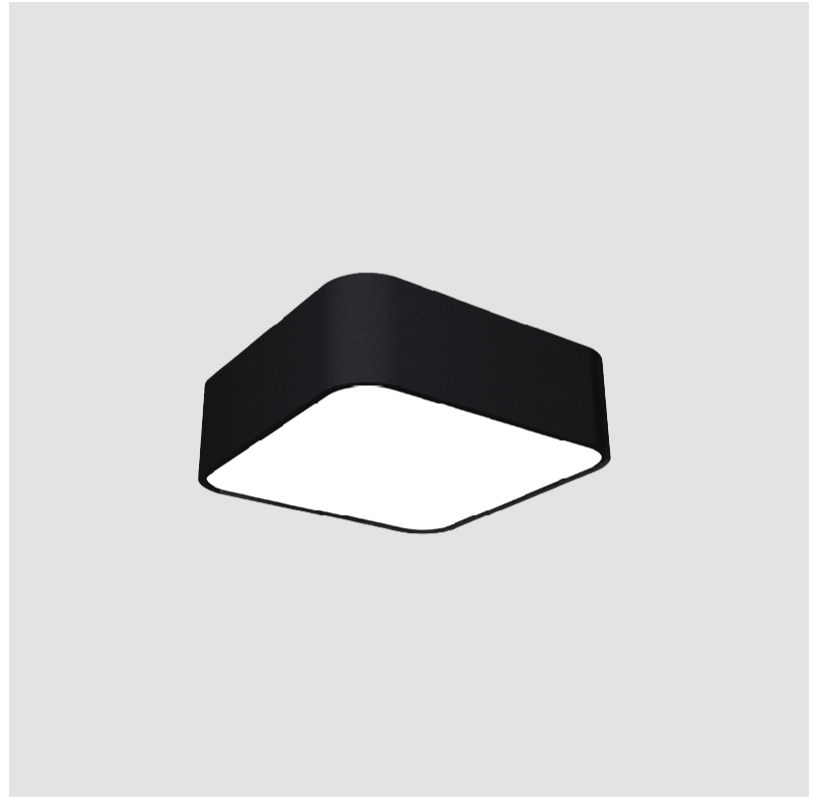
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 1380 / 1430
 CRI: >80 CRI
 Efficiency (%): 0.867
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

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TYPE
SPECIFIER
QUANTITY
DATE



SMOOTHY STANDARD SURFACE

A32365-

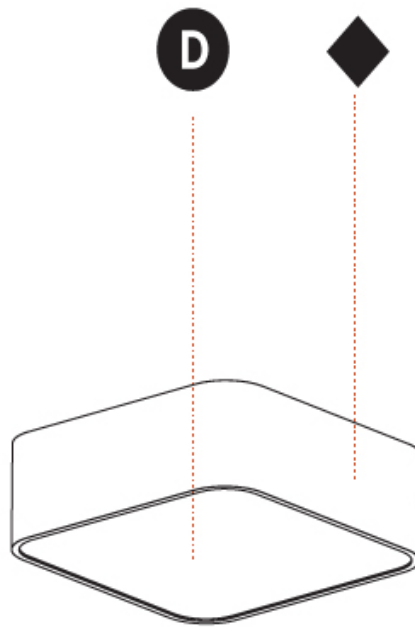
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



SMOOTHLINE SURFACE

A32966-

base number LED Color Finishes Diffuser
 Dimming Temperature (Diamond) Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Surface
 Product Type: Ceiling Surface
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 630
 Length (in): 24 13/16
 Width (mm): 200
 Width (in): 7 7/8
 Height (mm): 120
 Height (in): 4 3/4
 Weight (kg): 3.403
 Weight (lbs): 7.49
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 21
 Total Output Wattage (W): 18
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

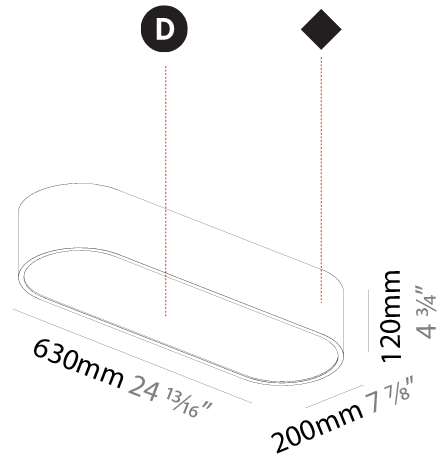
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 1460 / 1600
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



A32966-

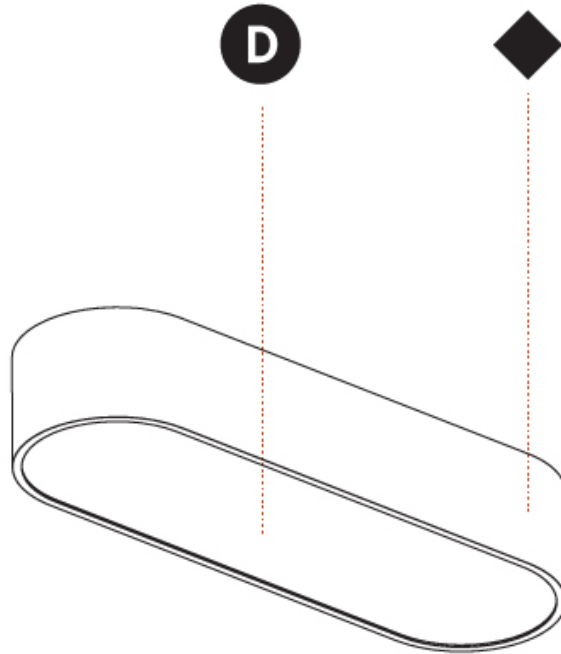
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

SMOOTHLINE SURFACE

A32968-

base number	LED	Color	Finishes	Diffuser
	Dimming	Temperature	(Diamond)	Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Surface
 Product Type: Ceiling Surface
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 930
 Length (in): 36 5/8
 Width (mm): 200
 Width (in): 7 7/8
 Height (mm): 120
 Height (in): 4 3/4
 Weight (kg): 5.108
 Weight (lbs): 11.24
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 31.5
 Total Output Wattage (W): 27
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

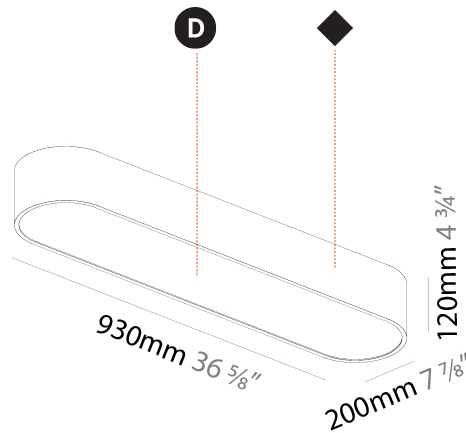
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2190 / 2410
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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



A32968-

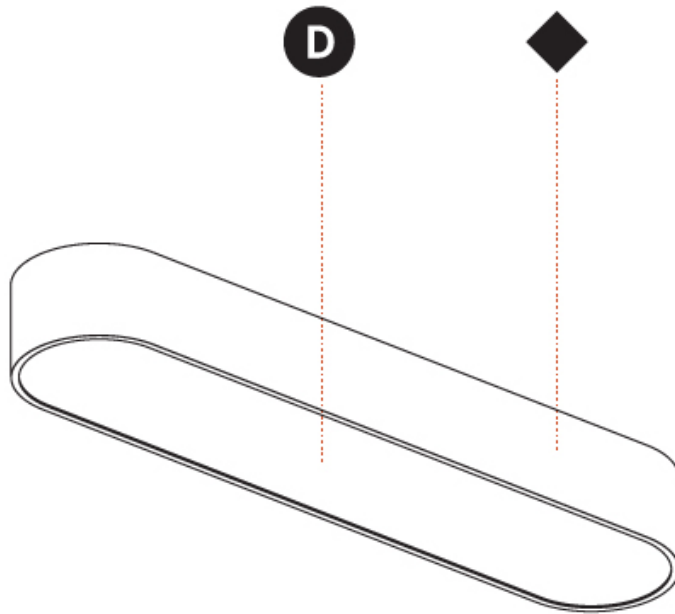
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



A

SMOOTHLINE SURFACE

A32970-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Surface
 Product Type: Ceiling Surface
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 1230
 Length (in): 48 7/16
 Width (mm): 200
 Width (in): 7 7/8
 Height (mm): 120
 Height (in): 4 3/4

Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 42
 Total Output Wattage (W): 36
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 1
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

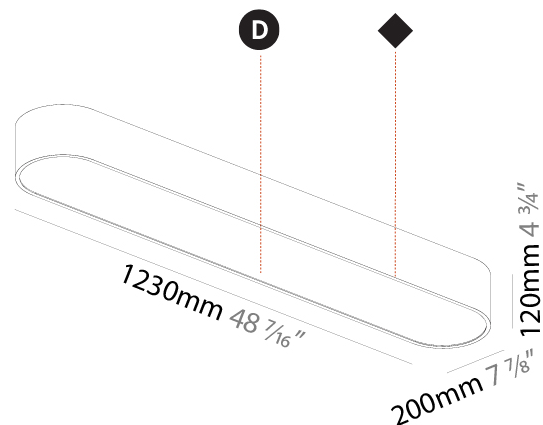
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2920 / 3210
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



A32970-

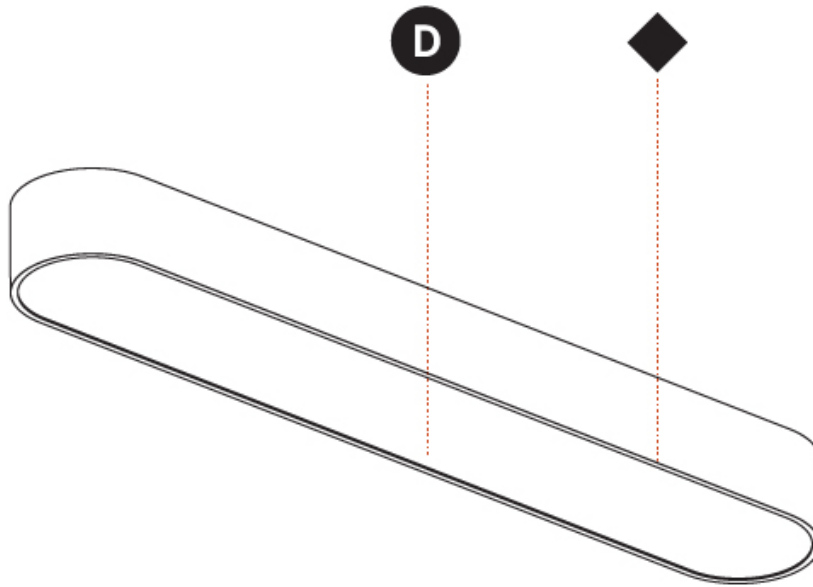
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



SMOOTHLINE SURFACE

A32972-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Surface
 Product Type: Ceiling Surface
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 1530
 Length (in): 60 1/4
 Width (mm): 200
 Width (in): 7 7/8
 Height (mm): 120
 Height (in): 4 3/4

Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 52
 Total Output Wattage (W): 45
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

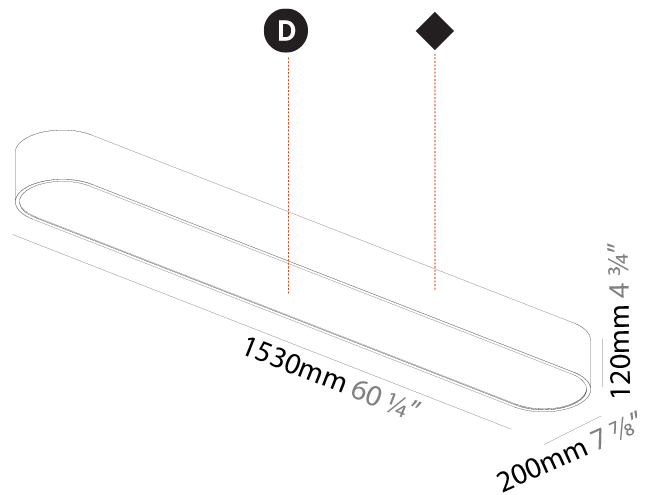
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 3650 / 4010
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SMOOTHLINE SURFACE

A32972-

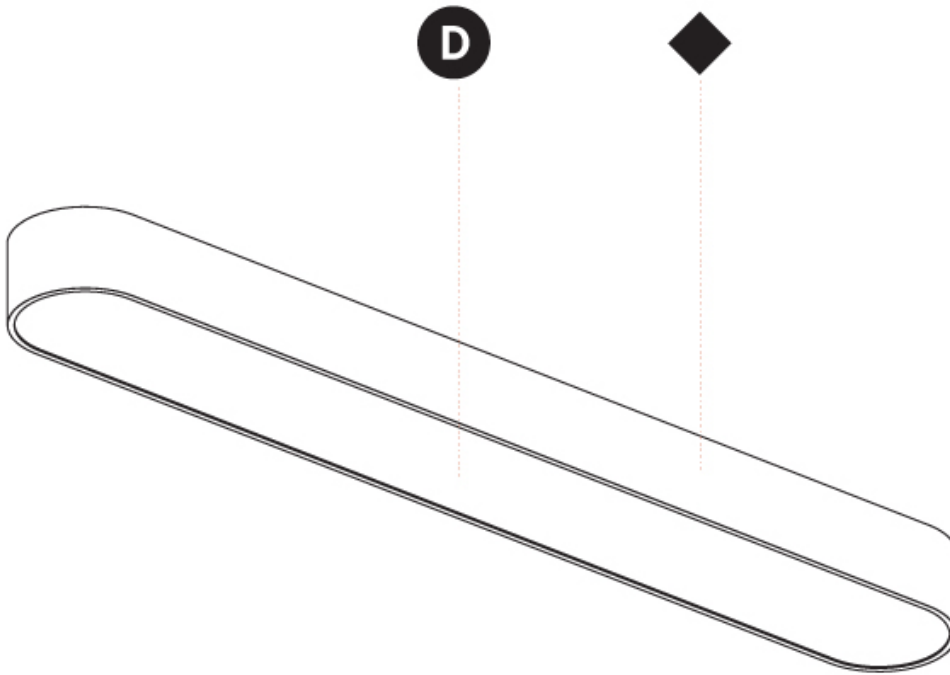
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

SMOOTHY STANDARD TRIMLESS

A36697- -

base number LED Dimming Color Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 370
 Length (in): 14 9/16
 Width (mm): 370
 Width (in): 14 9/16
 Depth (mm): 176
 Depth (in): 6 15/16
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16
 Min. Recessing Depth (mm): 200
 Min. Recessing Depth (in): 7 7/8
 Weight (kg): 4.236
 Weight (lbs): 9.32
 Diffuser: PMMA - Opal
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 405mm / 15 15/16" x 405mm 15 15/16"
 Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 13.2
 Total Output Wattage (W): 12.4
 Dimming: Non-Dimmable
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350
 Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

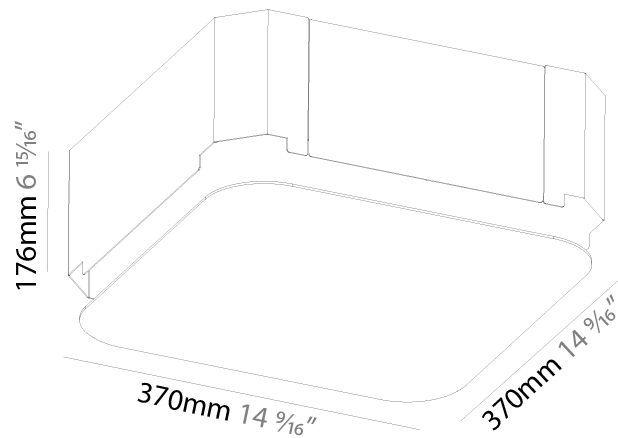
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 1090 / 1130
 CRI: >80 CRI
 Efficiency (%): 0.804
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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



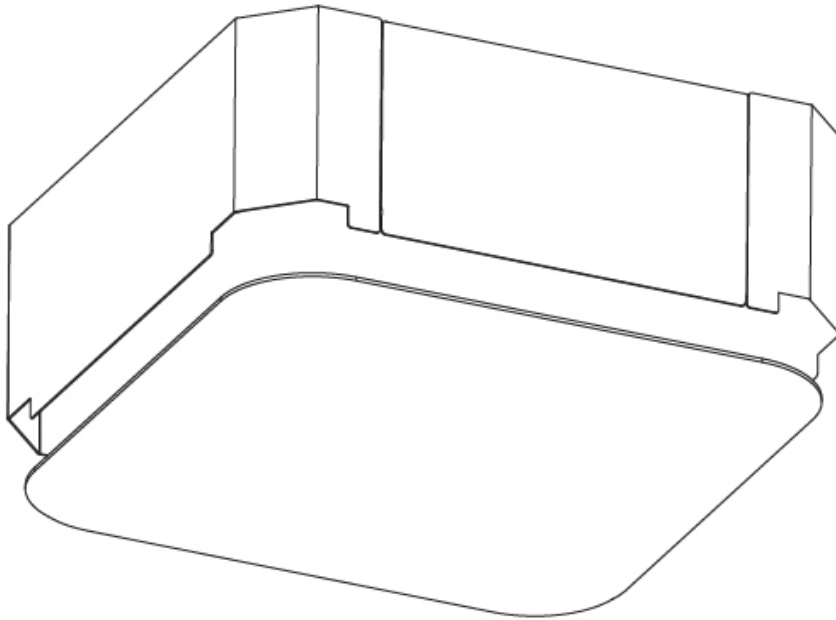
200mm 7 7/8" 405mm x 405mm 15 15/16" x 15 15/16" 10 | 12 1/2 | 15 | 25 | 30mm 3/8" 1/2" 9/16" 1" 1 3/16"



SMOOTHY STANDARD TRIMLESS

A36697-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



SMOOTHLINE TRIMLESS

A37514- -

base number LED Dimming Color Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 600
 Length (in): 23 5/8
 Width (mm): 195
 Width (in): 7 11/16
 Depth (mm): 165
 Depth (in): 6 1/2
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16
 Min. Recessing Depth (mm): 180
 Min. Recessing Depth (in): 7 1/16
 Weight (kg): 3.8
 Weight (lbs): 7.6
 Diffuser: PMMA - Opal
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 635mm / 25" x 230mm / 9 1/16"
 Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 20.5
 Total Output Wattage (W): 18
 Dimming: [Tri-Mode \(Non-Dimming and Phase Dimming \(120Vac only\) and 0-10V Dimming\)](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

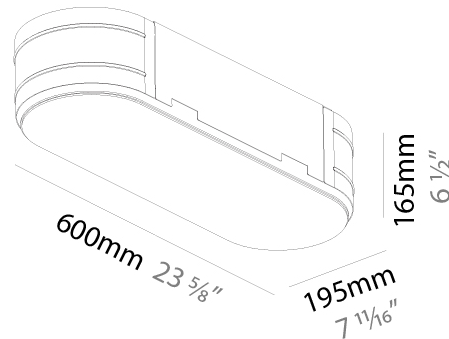
[Color Temperature \(°K\): 3000 / 4000](#)
 Max. Delivered Lumen (lm): 1560 / 1710
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



635mm x 230mm
25" x 9 1/16"



10 | 12 1/2 | 15 | 25 | 30mm
3/8" | 1/2" | 9/16" | 1" | 3/16"



SMOOTHLINE TRIMLESS

A37514-

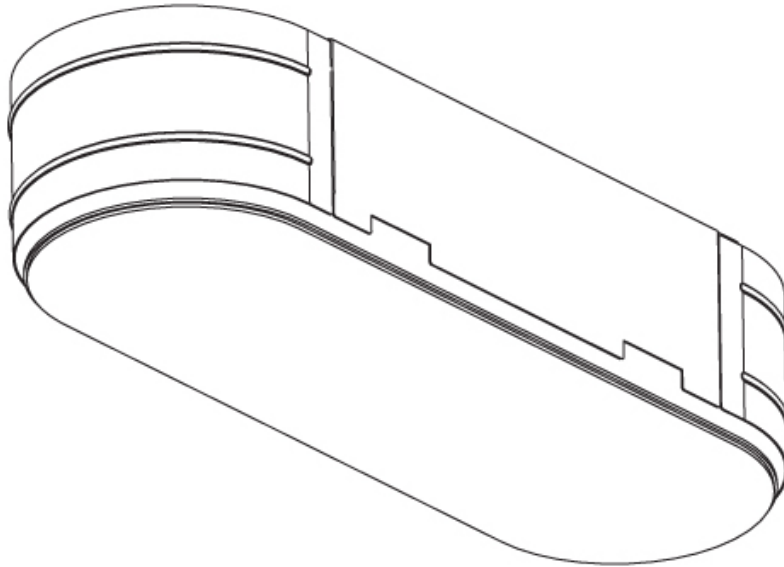
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



SMOOTHLINE TRIMLESS

A37516-

base number LED Color
Dimming Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
Subseries: Smoothline
Partner: Prolicht
Division: Architectural
Installation: Trimless
Product Type: Ceiling Recessed
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Shape: Oval
Length (mm): 900
Length (in): 35 7/16
Width (mm): 195
Width (in): 7 11/16
Depth (mm): 165
Depth (in): 6 1/2
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16
Min. Recessing Depth (mm): 180
Min. Recessing Depth (in): 7 1/16
Weight (kg): 5.756
Weight (lbs): 12.66
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel
Cut-out Measurements: 935mm / 36 15/16" x 230mm / 9 1/16"
Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 31.5
Total Output Wattage (W): 27
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500

LED

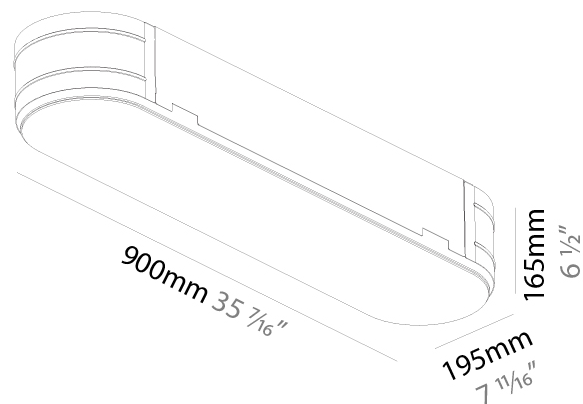
Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 2340 / 2570
CRI: >80 CRI
Lamp Life (hrs): 50000
Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



935mm x 230mm
36 13/16" x 9 1/16"



10 | 12 1/2 | 15 | 25 | 30mm
3/8" | 1/2" | 9/16" | 1" | 3/16"



SMOOTHLINE TRIMLESS

A37516-

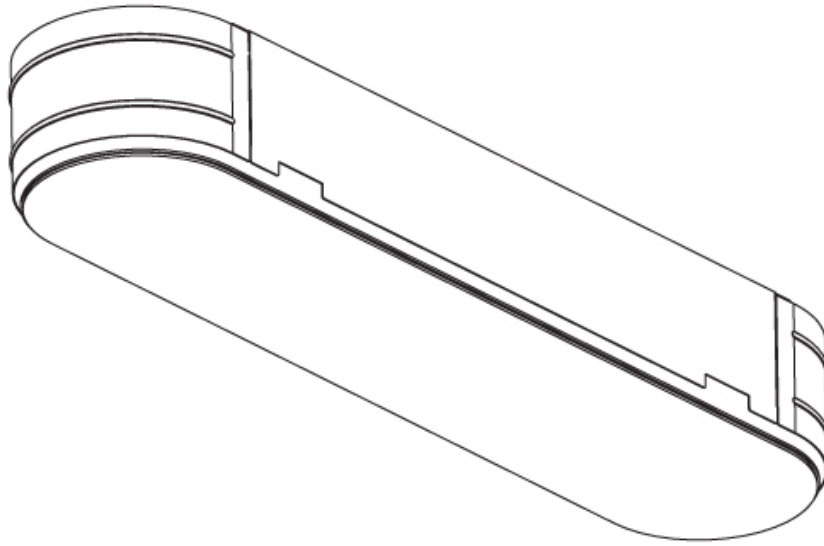
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



SMOOTHLINE TRIMLESS

A37518- -

base number LED Color
Dimming Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
Subseries: Smoothline
Partner: Prolicht
Division: Architectural
Installation: Trimless
Product Type: Ceiling Recessed
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Shape: Oval
Length (mm): 1200
Length (in): 47 1/4
Width (mm): 195
Width (in): 7 11/16
Depth (mm): 165
Depth (in): 6 1/2
Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30
Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16
Min. Recessing Depth (mm): 180
Min. Recessing Depth (in): 7 1/16
Weight (kg): 7.6
Weight (lbs): 16.72
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel
Cut-out Measurements: 1235mm / 48 5/8" x 230mm / 9 1/16"
Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 42
Total Output Wattage (W): 36
Dimming: [Tri-Mode \(Non-Dimming and Phase Dimming \(120Vac only\) and 0-10V Dimming\)](#)
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 500

LED

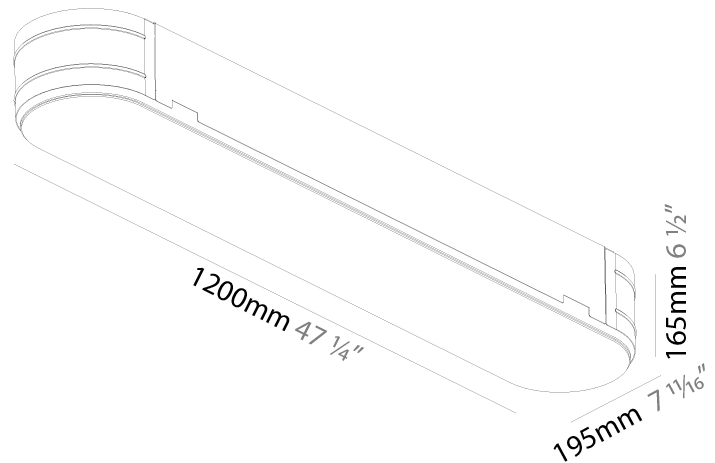
[Color Temperature \(°K\): 3000 / 4000](#)
Max. Delivered Lumen (lm): 3120 / 3420
CRI: >80 CRI
Lamp Life (hrs): 50000
Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



1235mm x 230mm
48 5/8" x 9 1/16"



10 | 12 1/2 | 15 | 25 | 30mm
3/8" | 1/2" | 9/16" | 1" | 3/16"



SMOOTHLINE TRIMLESS

A37518-

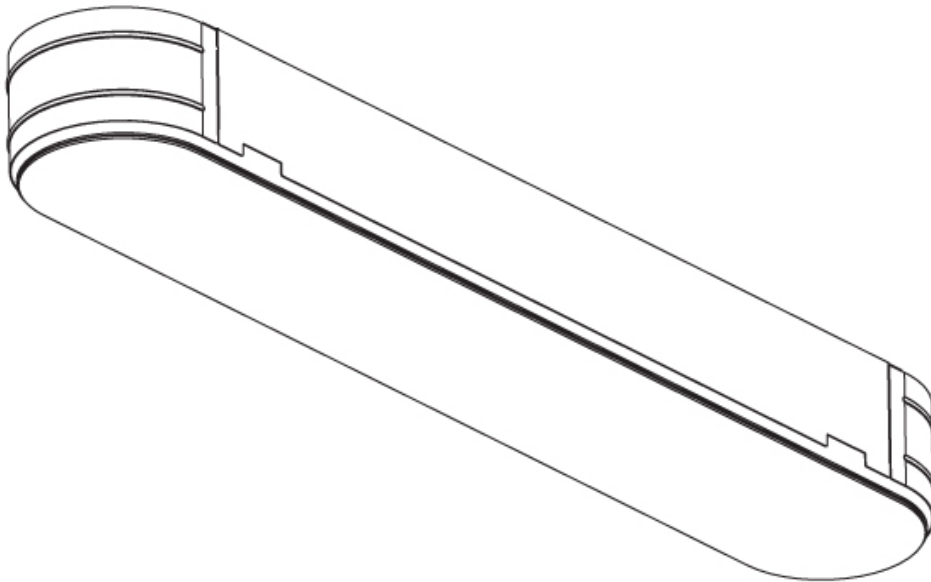
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



SMOOTHLINE TRIMLESS

A37520- -

base number LED Color
 Dimming Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 1500
 Length (in): 59 1/16
 Width (mm): 195
 Width (in): 7 11/16
 Depth (mm): 165
 Depth (in): 6 1/2
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1 or 1 3/16
 Min. Recessing Depth (mm): 180
 Min. Recessing Depth (in): 7 1/16
 Weight (kg): 9.4
 Weight (lbs): 20.68
 Diffuser: PMMA - Opal
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 1535mm / 60 7/16" x 230mm / 9 1/16"
 Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 52.5
 Total Output Wattage (W): 45
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

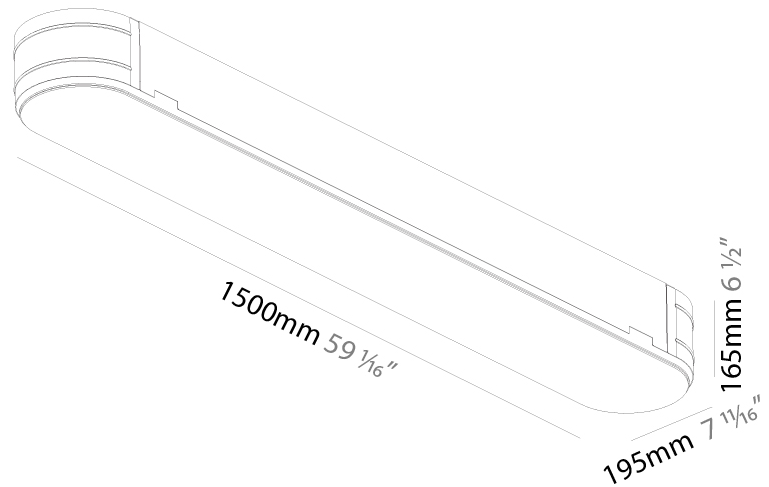
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 3890 / 4280
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



1535mm x 230mm
 60 7/16" x 9 1/16"



10 | 12 1/2 | 15 | 25 | 30mm
 3/8" | 1/2" | 9/16" | 1" | 1 3/16"



SMOOTHLINE TRIMLESS

A37520-

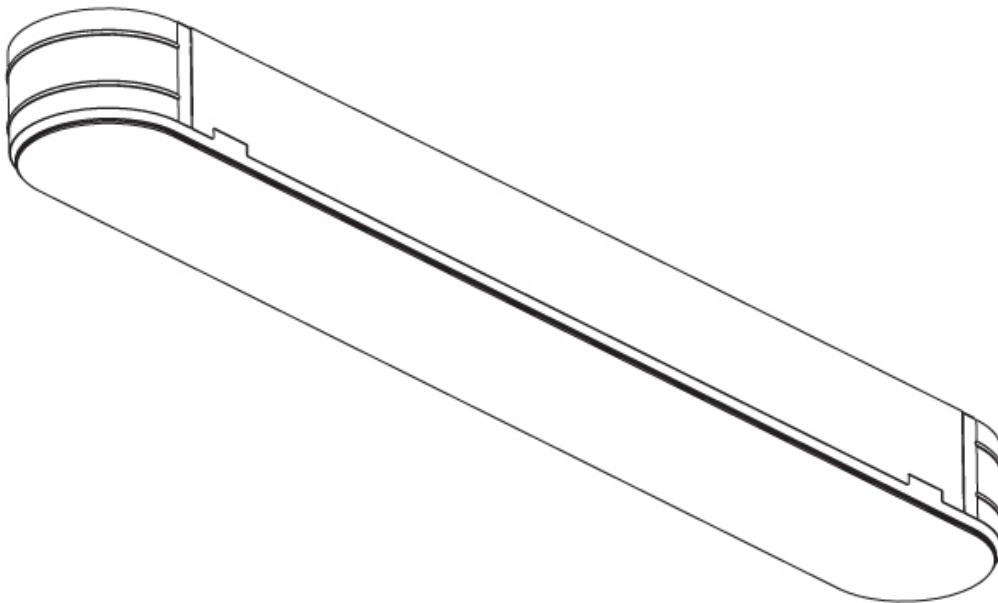
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

SMOOTHY STANDARD RECESSED

A37595-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options
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- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 392
 Length (in): 15 7/16
 Width (mm): 392
 Width (in): 15 7/16
 Height (mm): 150
 Height (in): 5 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 160
 Min. Recessing Depth (in): 6 5/16
 Weight (kg): 4.341
 Weight (lbs): 9.57
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 375mm / 14 3/4" x 375mm / 14 3/4"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 13.2
 Total Output Wattage (W): 12
 Dimming: Non-Dimmable
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350
 Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

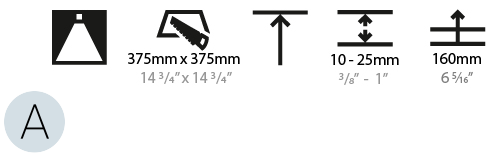
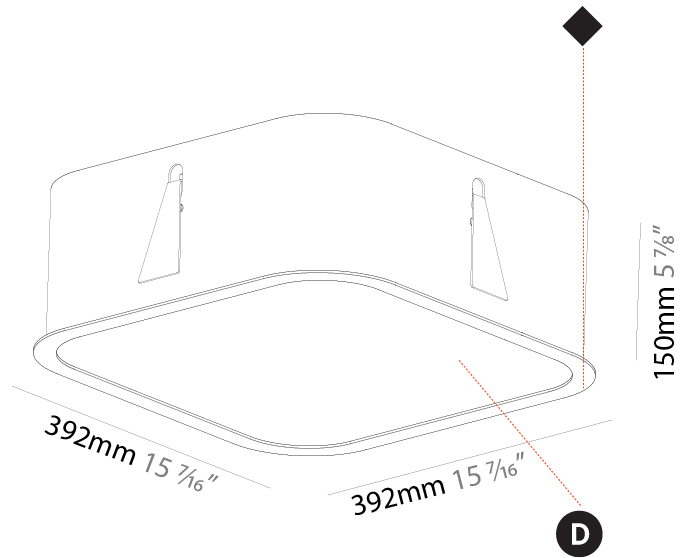
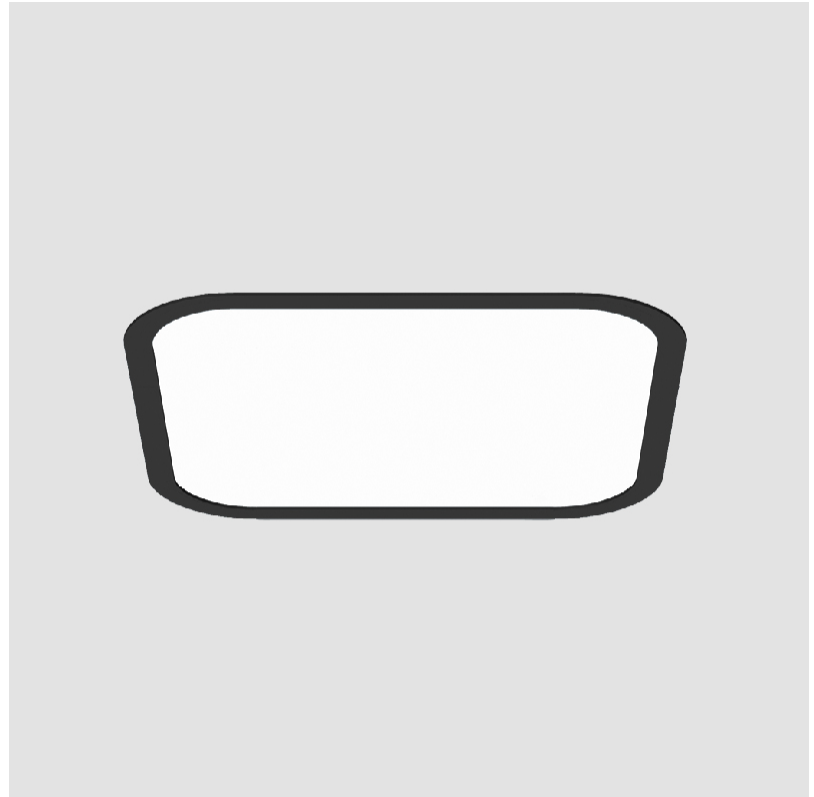
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 1380 / 1430
 CRI: >80 CRI
 Efficiency (%): 0.827
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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



SMOOTHY STANDARD RECESSED

A37595-

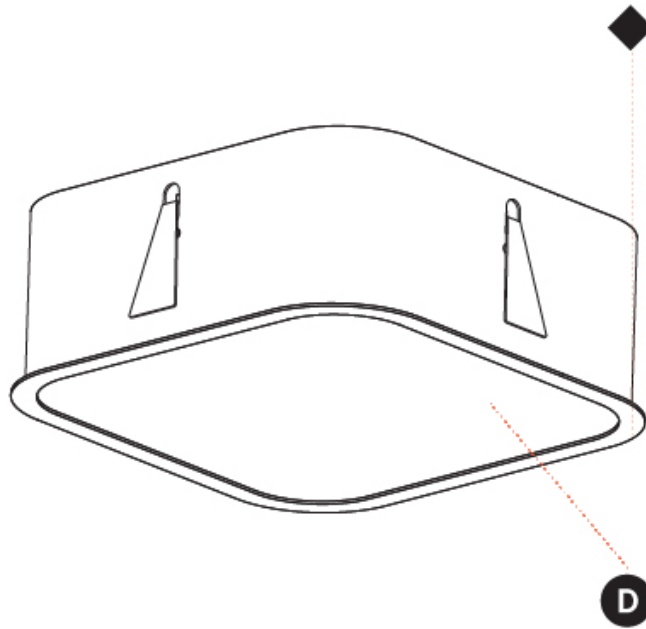
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



A

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

SMOOTHY STANDARD RECESSED

A37599-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options
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- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 622
 Length (in): 24 1/2
 Width (mm): 622
 Width (in): 24 1/2
 Height (mm): 150
 Height (in): 5 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 160
 Min. Recessing Depth (in): 6 5/16
 Weight (kg): 12.317
 Weight (lbs): 27.10
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 605mm / 23 13/16" x 605mm / 23 13/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 55
 Total Output Wattage (W): 49.7
 Dimming: Non-Dimmable
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350
 Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

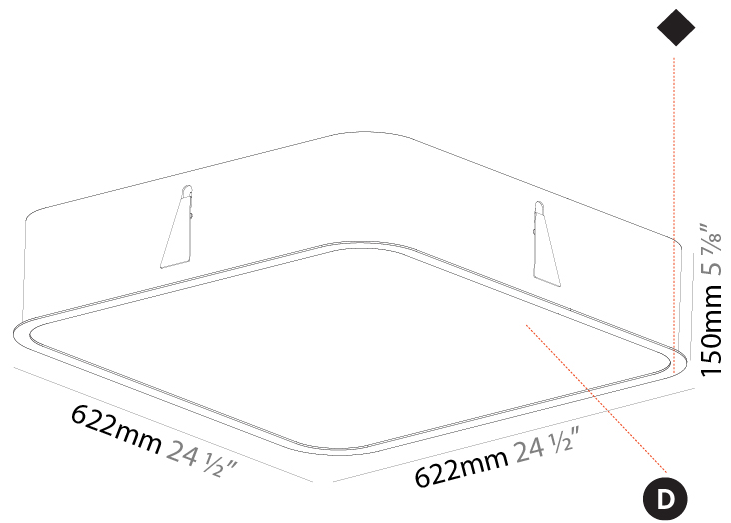
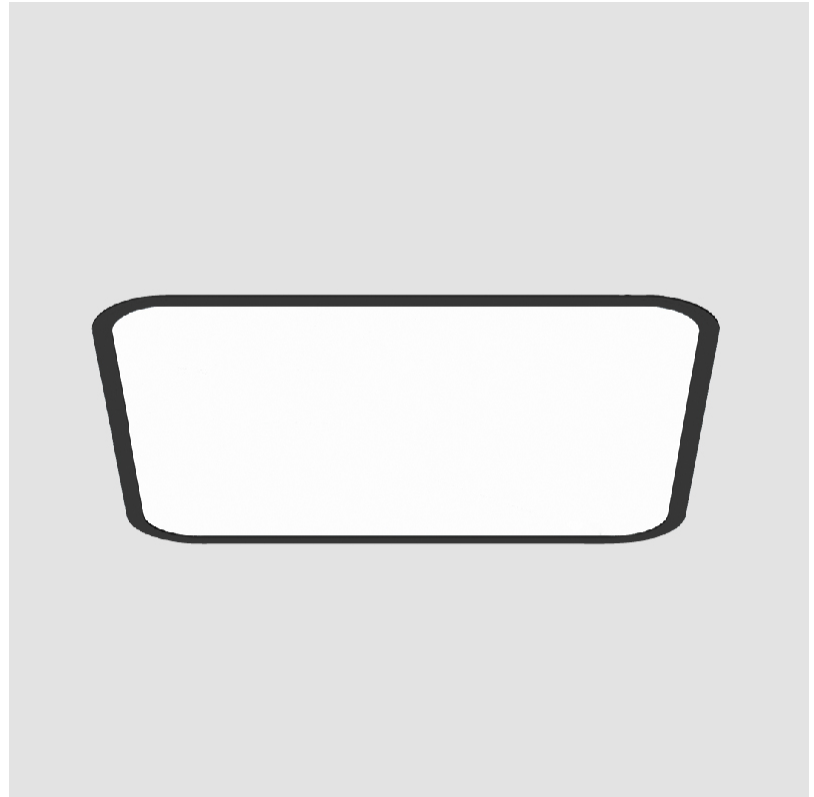
LED

Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 5520 / 5720
 CRI: >80 CRI
 Efficiency (%): 0.827
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

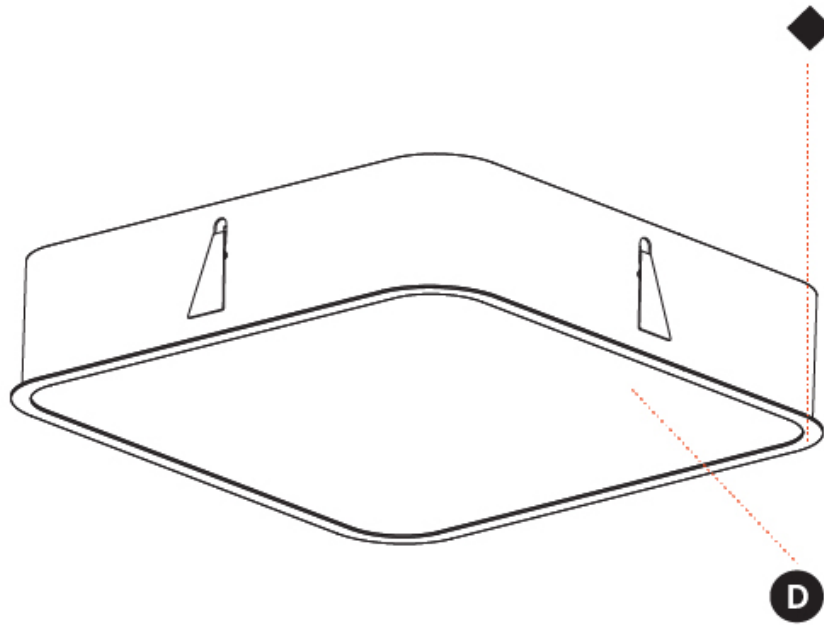
Certified By: Certified for North American Standards
 IP rating: IP20



SMOOTHY STANDARD RECESSED

A37599-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



A

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

SMOOTHY STANDARD RECESSED

A37603-

base number	LED	Color	Finishes	Diffuser
	Dimming	Temperature	(Diamond)	Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 1222
 Length (in): 48 1/8
 Width (mm): 622
 Width (in): 24 1/2
 Height (mm): 150
 Height (in): 5 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 160
 Min. Recessing Depth (in): 6 5/16
 Weight (kg): 24.4
 Weight (lbs): 53.68
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 1205mm / 47 7/16" x 605mm / 23 13/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 108.9
 Total Output Wattage (W): 99
 Dimming: Non-Dimmable
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 450

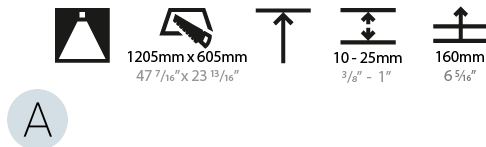
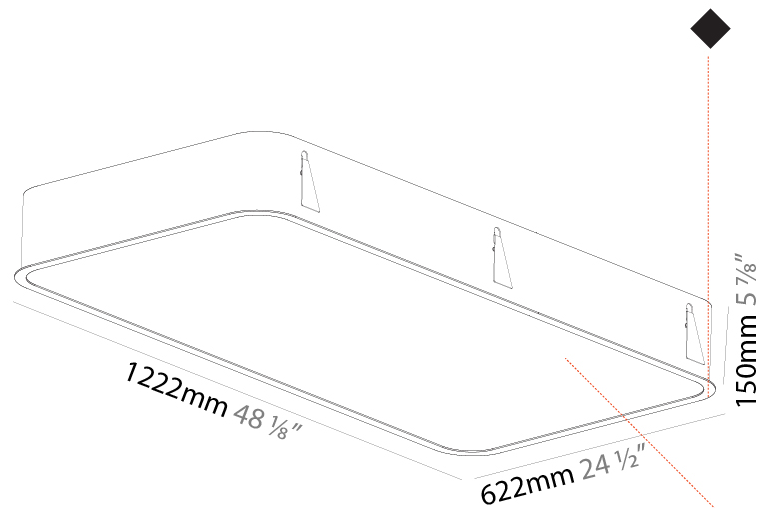
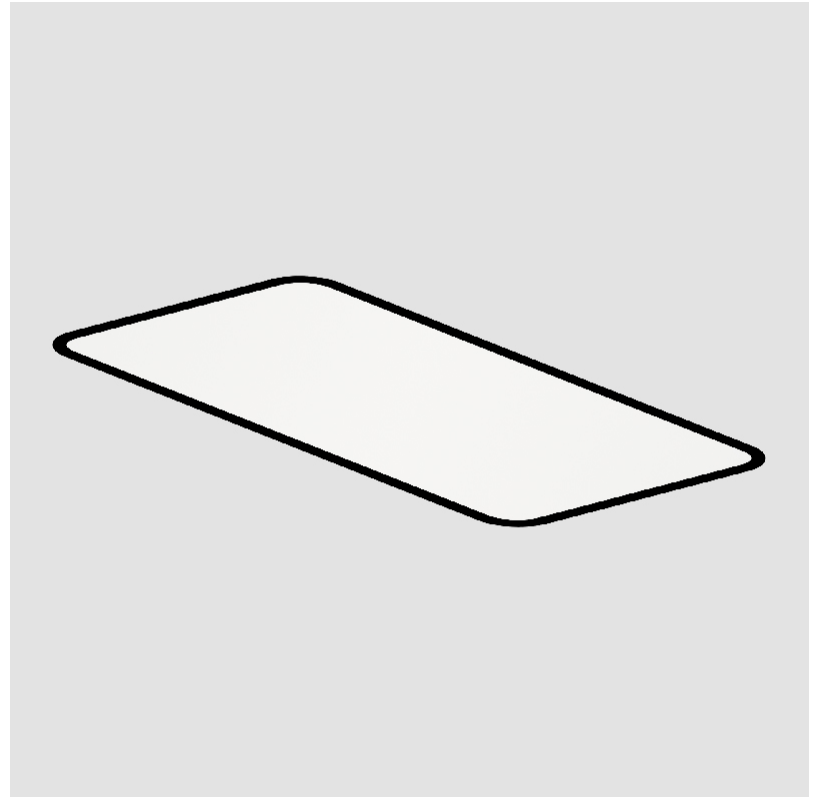
LED

Color Temperature (*K): 3000 / 4000
 Max. Delivered Lumen (lm): 11050 / 11450
 CRI: >80 CRI
 Efficiency (%): 0.827
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

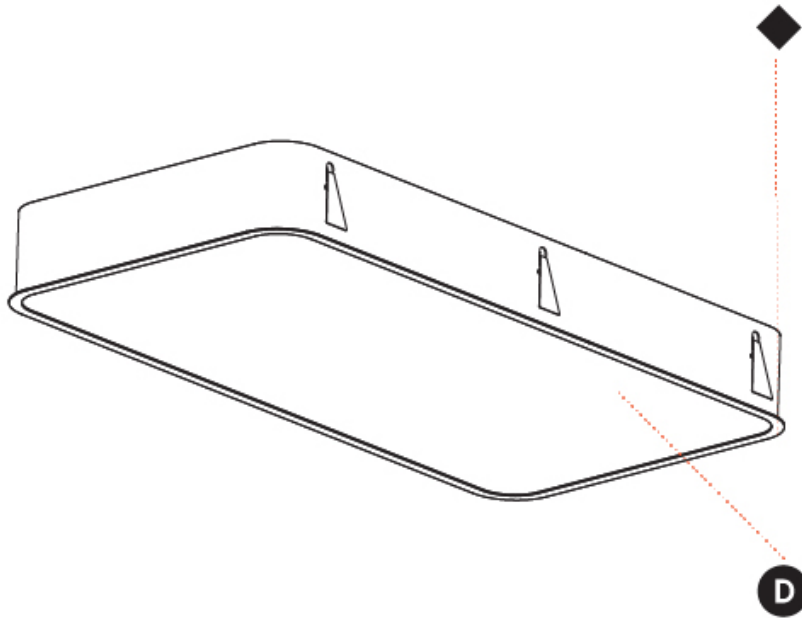
Certified By: Certified for North American Standards
 IP rating: IP20



SMOOTHY STANDARD RECESSED

A37603-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



A

SMOOTHY STANDARD TRIMLESS

A37652- -

base number LED Color
 Dimming Temperature

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 600
 Length (in): 23 5/8
 Width (mm): 600
 Width (in): 23 5/8
 Depth (mm): 156
 Depth (in): 6 1/8
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25 / 30
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 180
 Min. Recessing Depth (in): 7 1/16
 Weight (kg): 12.549
 Weight (lbs): 27.61
 Diffuser: PMMA - Opal
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 635mm / 25" x 635mm / 25"
 Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting Depth Spot Inserts

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 55
 Total Output Wattage (W): 49.7
 Dimming: [Non-Dimmable](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350
 Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

LED

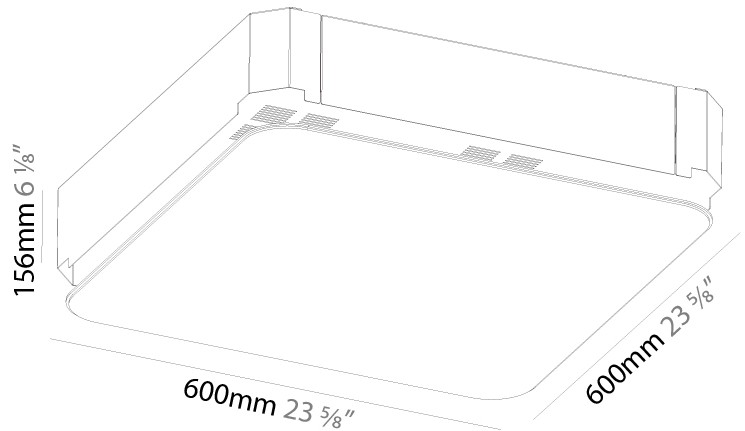
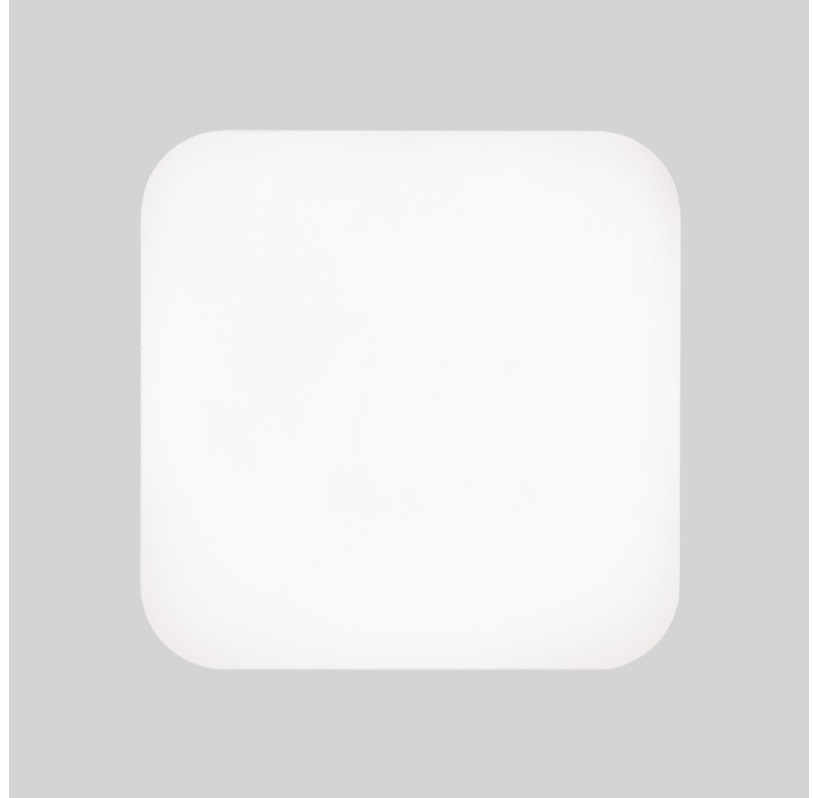
[Color Temperature \(°K\): 3000 / 4000](#)
 Max. Delivered Lumen (lm): 5370 / 5560
 CRI: >80 CRI
 Efficiency (%): 65 (5mm Perspex) / 80.40
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

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180mm 635mm x 635mm 10 | 12 1/2 | 15 | 25 | 30mm
 7 1/16" 25" x 25" 3/8" 1/2" 9/16" 1" 3/16"



SMOOTHY STANDARD TRIMLESS

A37652-

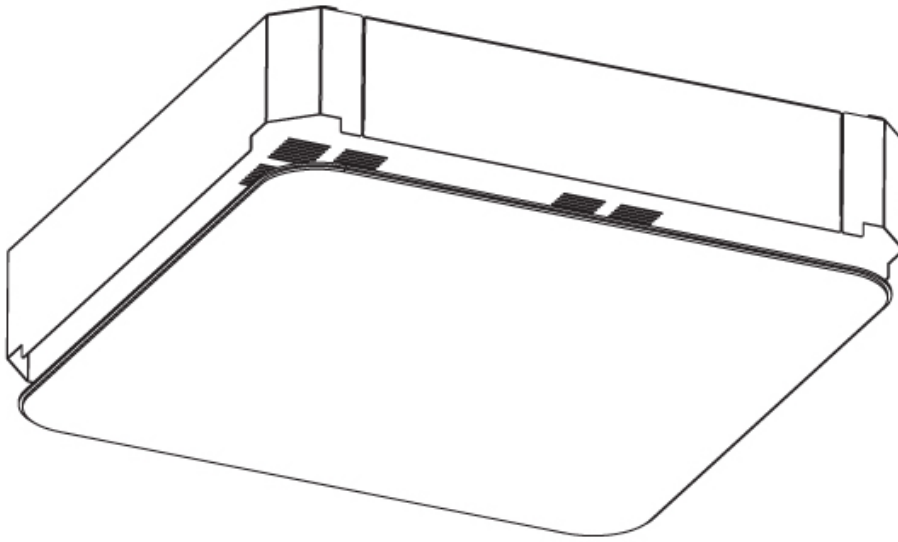
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



SMOOTHLINE RECESSED

A37749-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 652
 Length (in): 25 11/16
 Width (mm): 222
 Width (in): 8 3/4
 Depth (mm): 150
 Depth (in): 5 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 160
 Min. Recessing Depth (in): 6 5/16
 Weight (kg): 4.033
 Weight (lbs): 8.87
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 635mm / 25" x 205mm / 8 1/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 21
 Total Output Wattage (W): 18
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

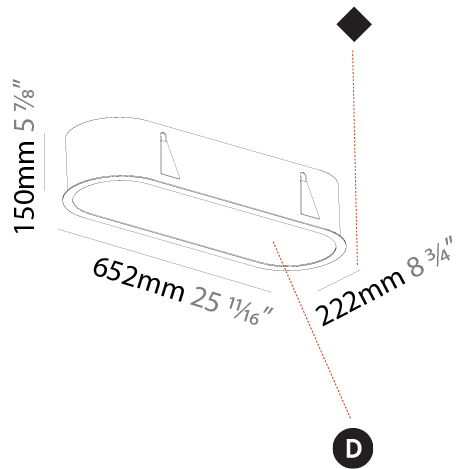
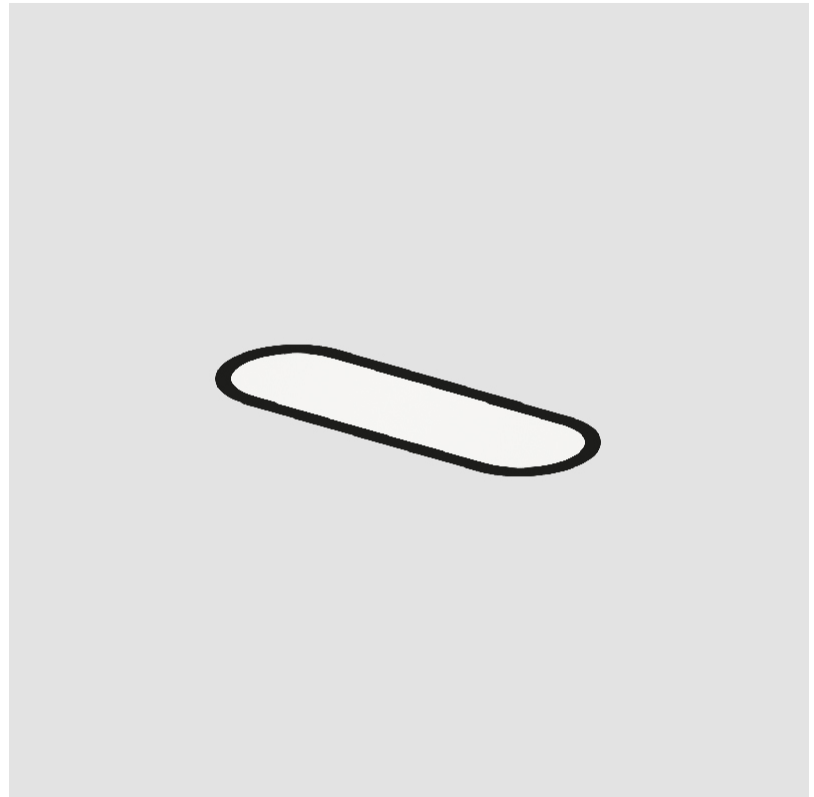
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 1430 / 1570
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SMOOTHLINE RECESSED

A37749-

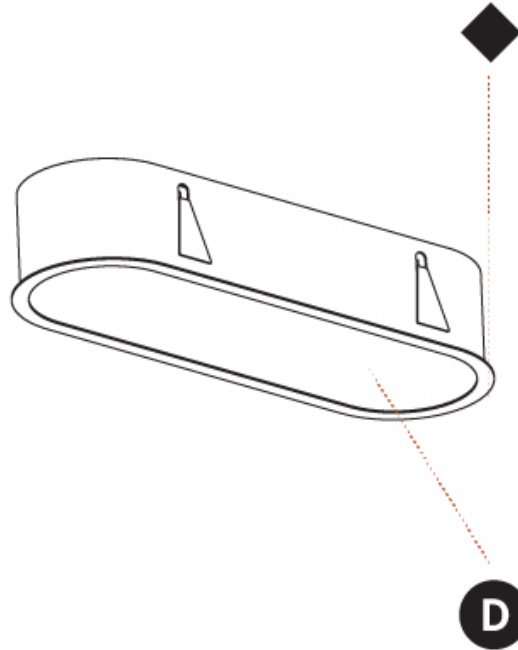
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



A

SMOOTHLINE RECESSED

A37756-

base number Color Finishes Diffuser
 Temperature (Diamond) Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 952
 Length (in): 37 1/2
 Width (mm): 222
 Width (in): 8 3/4
 Depth (mm): 150
 Depth (in): 5 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 160
 Min. Recessing Depth (in): 6 5/16
 Weight (kg): 5.93
 Weight (lbs): 13.05
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 935mm / 36 13/16" x 205mm / 8 1/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 31.9
 Total Output Wattage (W): 27
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

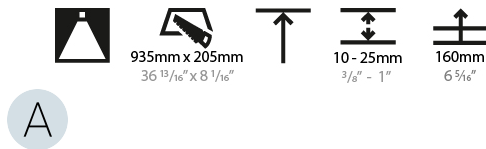
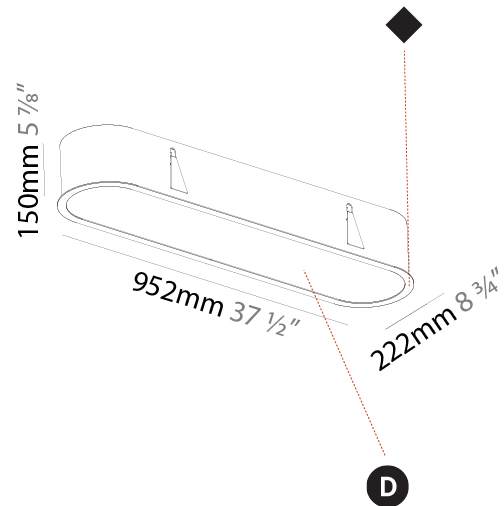
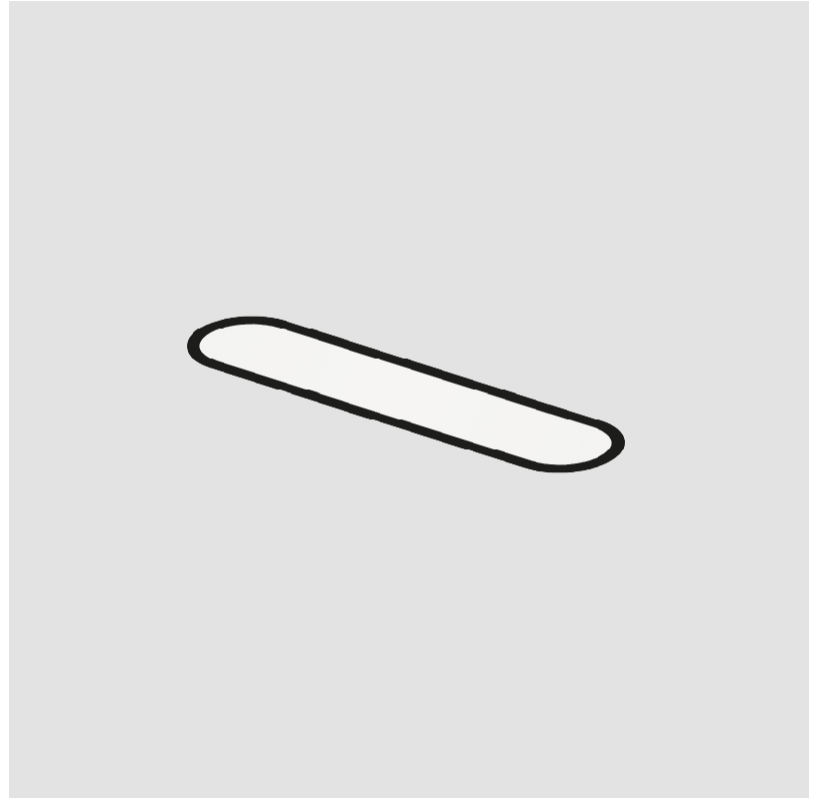
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2140 / 2350
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

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TYPE
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DATE



SMOOTHLINE RECESSED

A37756-

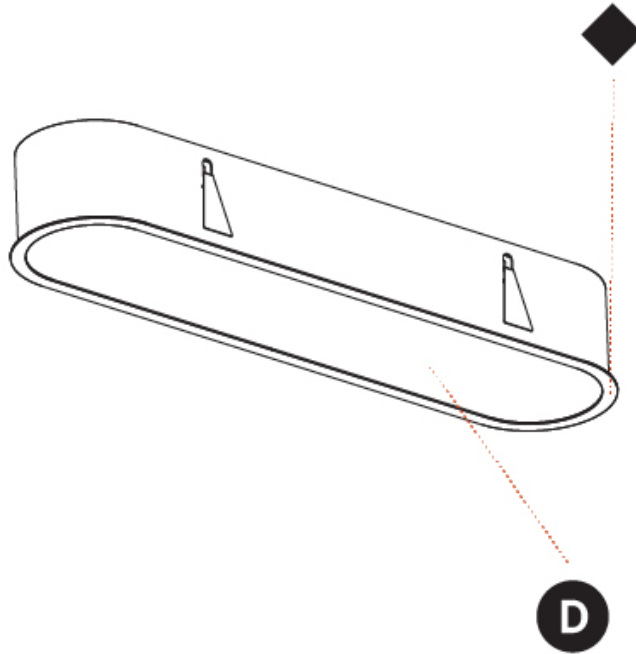
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



A

SMOOTHLINE RECESSED

A37757-

base number LED Dimming Color Temperature Finishes (Diamond) Diffuser Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 1252
 Length (in): 49 5/16
 Width (mm): 222
 Width (in): 8 3/4
 Depth (mm): 150
 Depth (in): 5 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 160
 Min. Recessing Depth (in): 6 5/16
 Weight (kg): 7.634
 Weight (lbs): 16.80
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 1235mm / 48 5/8" x 205mm / 8 1/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 41.8
 Total Output Wattage (W): 36
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

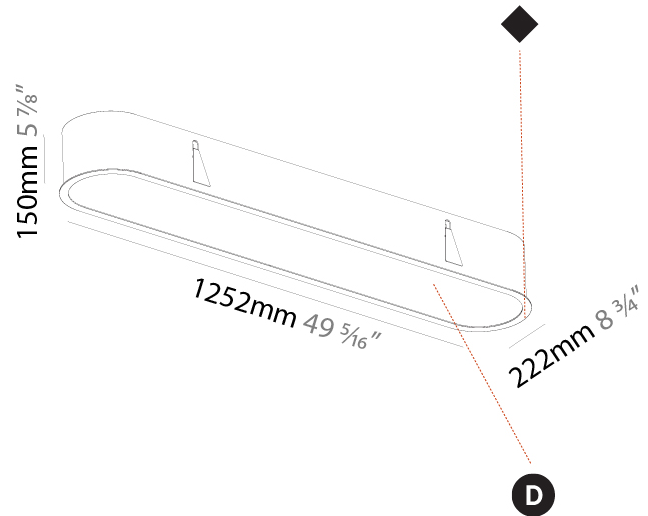
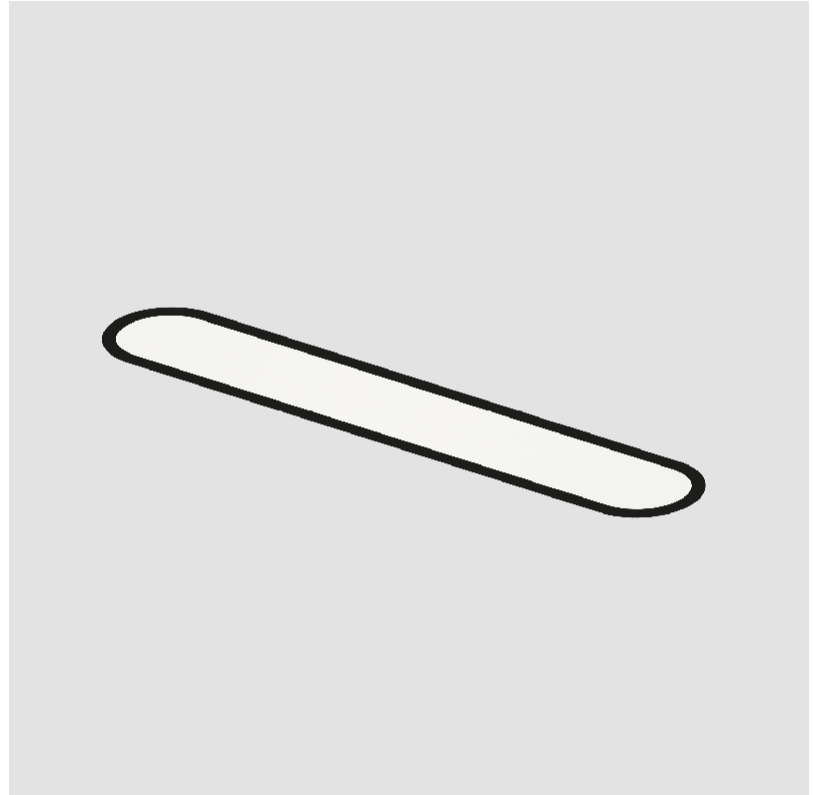
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 2860 / 3140
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

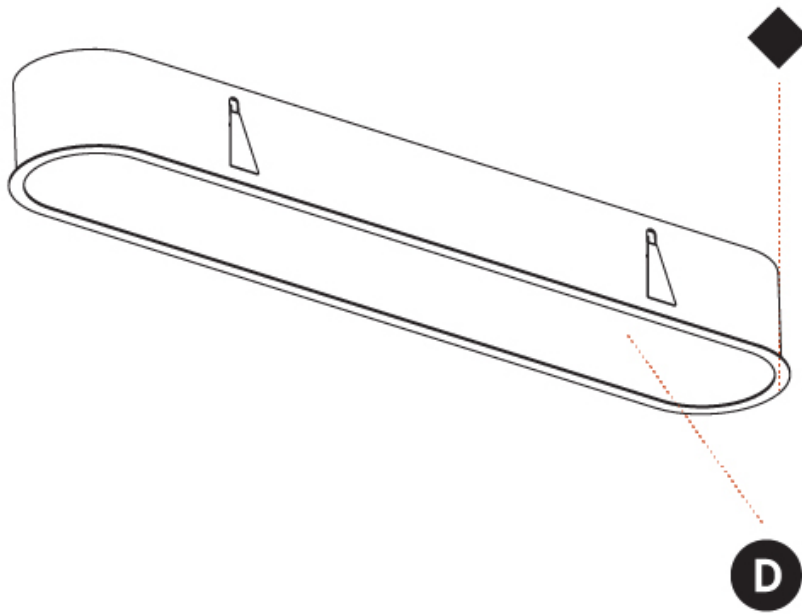
PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SMOOTHLINE RECESSED

A37757-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



SMOOTHLINE RECESSED

A37761-

base number LED Color Finishes Diffuser
 Dimming Temperature (Diamond) Options

- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothline
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Ceiling Recessed
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Oval
 Length (mm): 1552
 Length (in): 61 1/8
 Width (mm): 222
 Width (in): 8 3/4
 Depth (mm): 150
 Depth (in): 5 7/8
 Ceiling Thickness (mm): 10 / 12.5 / 15 / 25
 Ceiling Thickness (in): 3/8 or 1/2 or 9/16 or 1
 Min. Recessing Depth (mm): 160
 Min. Recessing Depth (in): 6 5/16
 Weight (kg): 8.895
 Weight (lbs): 19.57
 Diffuser: PMMA - Opal or Micro-Prism
 Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
 Fixture Material: Extruded Aluminum / Steel
 Cut-out Measurements: 1535mm / 60 7/16" x 205mm / 8 1/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 52.8
 Total Output Wattage (W): 45
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

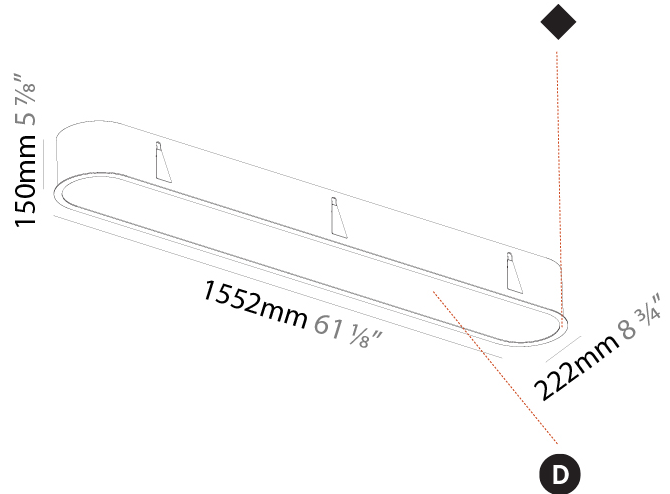
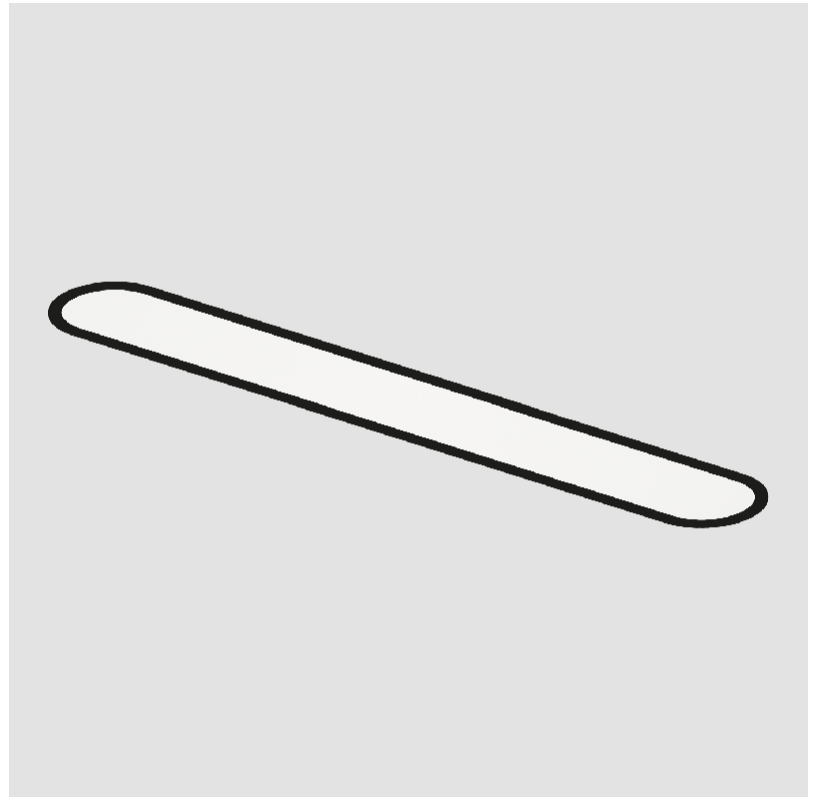
Color Temperature (°K): 3000 / 4000
 Max. Delivered Lumen (lm): 3570 / 3920
 CRI: >80 CRI
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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

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1535mm x 205mm
 60 7/16" x 8 1/16"



10 - 25mm
 3/8" - 1"



160mm
 6 5/16"



SMOOTHLINE RECESSED

A37761-

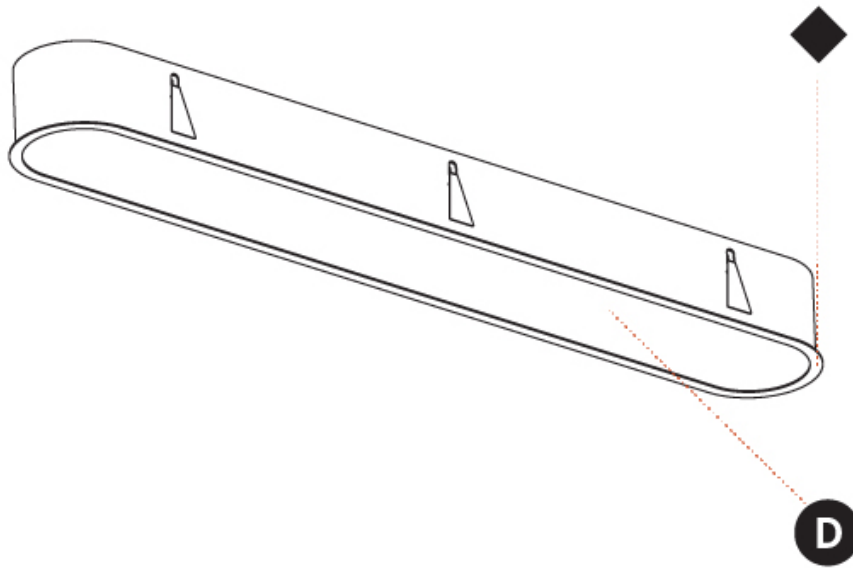
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

SMOOTHY STANDARD SURFACE

A3C005-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser Options
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- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
 Subseries: Smoothy Standard
 Partner: Prolicht
 Division: Architectural
 Installation: Surface
 Product Type: Ceiling Surface
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Square
 Length (mm): 600
 Length (in): 23 5/8
 Width (mm): 600
 Width (in): 23 5/8
 Height (mm): 120
 Height (in): 4 3/4
 Weight (kg): 11.315
 Weight (lbs): 24.89
 Diffuser: [PMMA - Opal or Micro-Prism](#)
 Fixture Finish: [SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR](#)
 Fixture Material: [Extruded Aluminum / Steel](#)

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 55
 Total Output Wattage (W): 49.7
 Dimming: [Non-Dimmable](#)
 Driver Included: Yes
 Driver Location: Integrated
 Driver Type: [Constant Current - Universal](#)
 Driver Class: [Class 2](#)
 Input Voltage (V): 120 - 277
 Constant Current (mA): 350
 Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

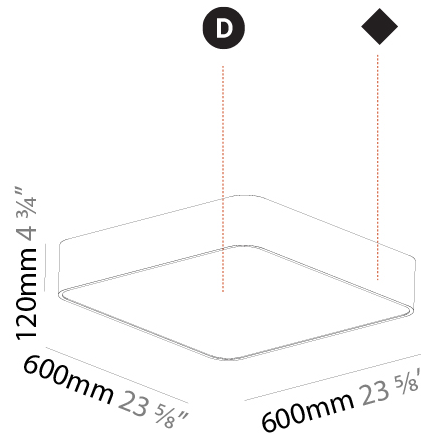
LED

[Color Temperature \(°K\): 3000 / 4000](#)
 Max. Delivered Lumen (lm): 5520 / 5720
 CRI: >80 CRI
 Efficiency (%): 0.867
 Lamp Life (hrs): 50000
 Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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



SMOOTHY STANDARD SURFACE

A3C005-

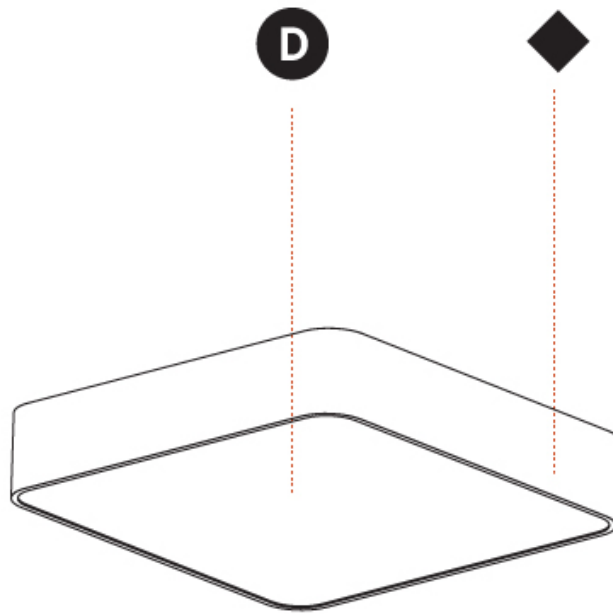
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

SMOOTHY FLAT SURFACE

A3D050-

base number	LED Dimming	Color Temperature	Finishes (Diamond)
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- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
Subseries: Smoothy Flat
Partner: Prolicht
Division: Architectural
Installation: Surface
Product Type: Ceiling Surface
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Shape: Square
Length (mm): 370
Length (in): 14 9/16
Height (mm): 370
Depth (mm): 60
Height (in): 14 9/16
Depth (in): 2 3/8
Weight (kg): 3.16
Weight (lbs): 6.94
Diffuser: PMMA - Opal
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 13.2
Total Output Wattage (W): 12
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (mA): 350
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

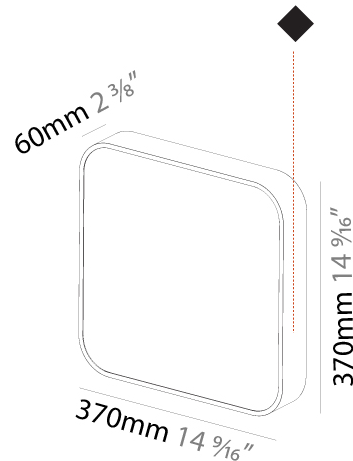
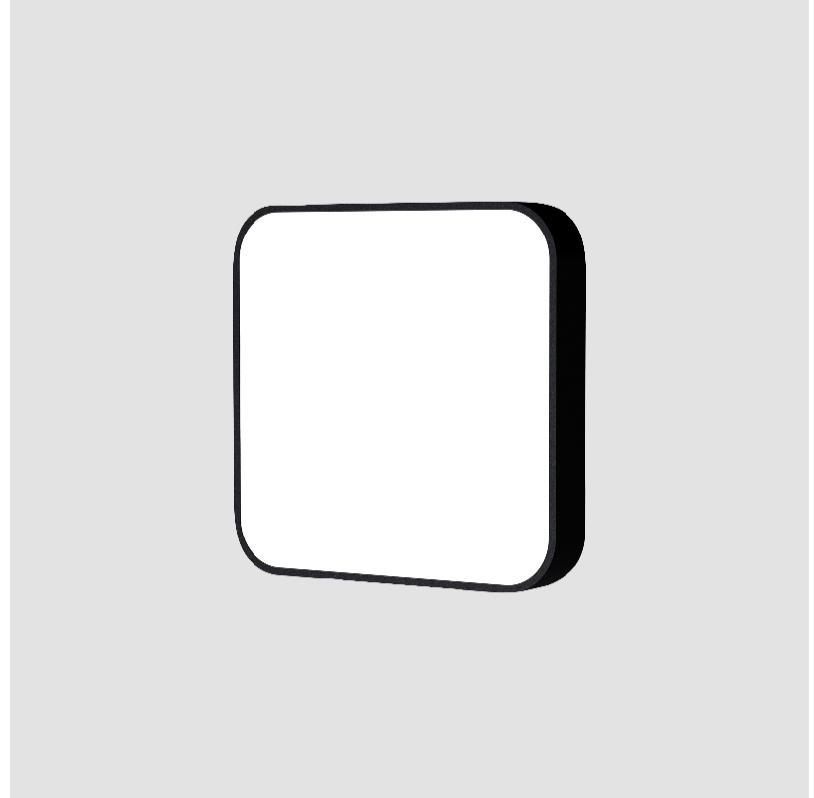
LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 1200 / 1250
CRI: >80 CRI
Lamp Life (hrs): 50000
Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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



SMOOTHY FLAT SURFACE

A3D050-

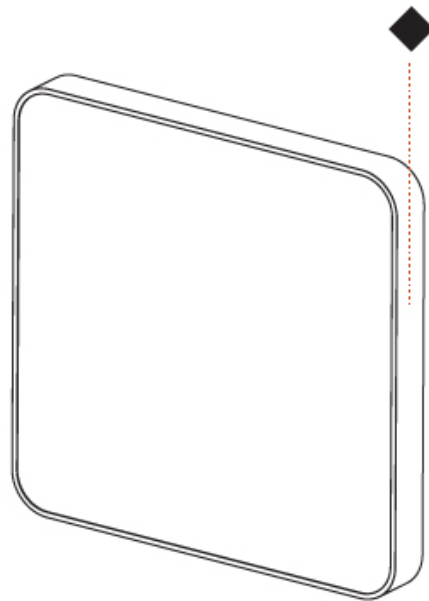
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
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QUANTITY
DATE

SMOOTHY FLAT SURFACE

A3D052-

base number	LED Dimming	Color Temperature	Finishes (Diamond)
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- To build a product code in our configurator select the specify button on the base model # product page
- 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: Smoothy
Subseries: Smoothy Flat
Partner: Prolicht
Division: Architectural
Installation: Surface
Product Type: Ceiling Surface
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Shape: Square
Length (mm): 600
Length (in): 23 5/8
Height (mm): 600
Depth (mm): 60
Height (in): 23 5/8
Depth (in): 2 3/8
Weight (kg): 8.458
Weight (lbs): 18.61
Diffuser: PMMA - Opal
Fixture Finish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / LOD / PUS / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / CHC / COM / ABZ / JAG / OBR / MOS / ROR
Fixture Material: Extruded Aluminum / Steel

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 55
Total Output Wattage (W): 49.7
Dimming: Non-Dimmable
Driver Included: Yes
Driver Location: Integrated
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350
Upon Request: (Not included - see components) Integral: 0-10Vdc dimming / Phase dimming 120Vac only

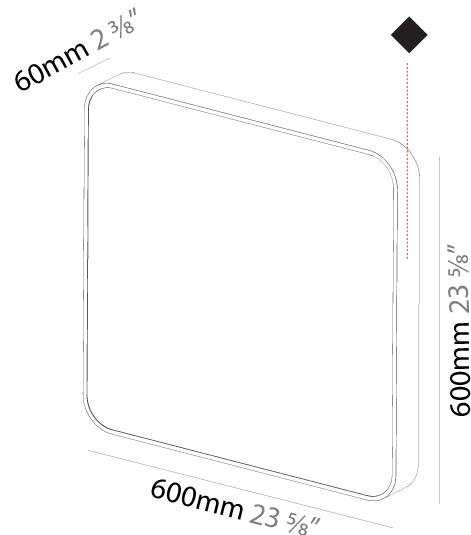
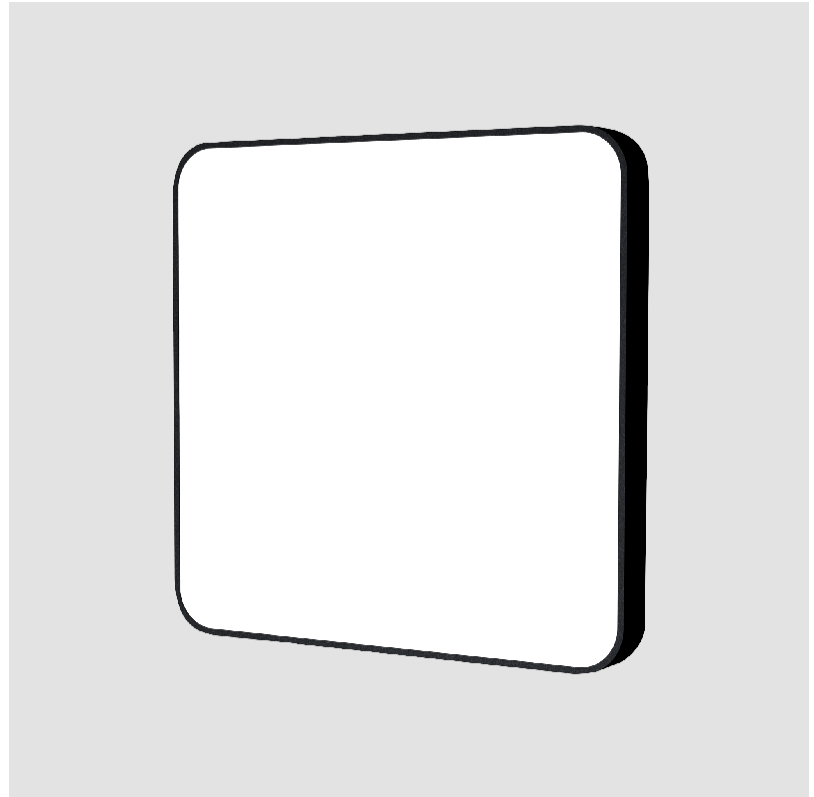
LED

Color Temperature (°K): 3000 / 4000
Max. Delivered Lumen (lm): 4810 / 4980
CRI: >80 CRI
Lamp Life (hrs): 50000
Upon Request: Other CCT available

OPTICAL

RATINGS AND CERTIFICATIONS

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SMOOTHY FLAT SURFACE

A3D052-

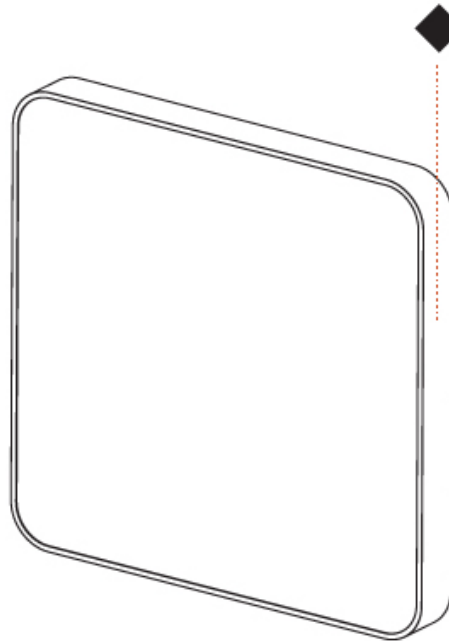
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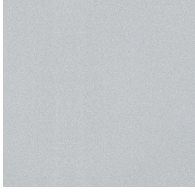


SMOOTHY COLOR FINISH CHART

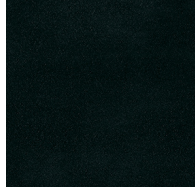
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Fixture Finish

Sparkling Silver - 01 (SSR)



Black Velvet - 02 (BKV)



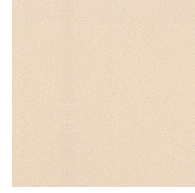
Crystal White - 03 (CWI)



Creamy - 04 (CRY)



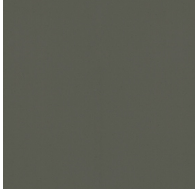
Hampton Bay - 05 (HAB)



Urban Forest - 07 (UFT)



In the Army - 08 (ITA)



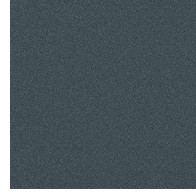
Rusty Angel - 09 (RUA)



Fade to Gray - 12 (FTG)



Mysterious Gray - 13 (MYG)



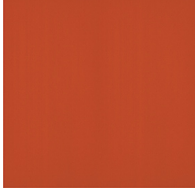
Lost Dream - 15 (LOD)



Purple Sky - 16 (PUS)



Fresh Oh - 17 (FRO)



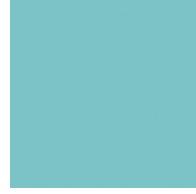
Funky P. - 18 (FUP)



Kissing Aphrodite - 19 (KIA)



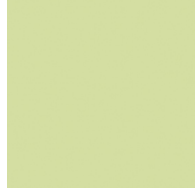
Poseidon's Paradise - 20 (POP)



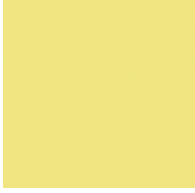
Blue Sky - 21 (BLS)



Spring Green - 22 (SPG)



Mellow Yellow - 23 (MEY)



Golden Heart - 24 (GOH)



Champagne Cream - 26 (CHC)



Copper Mine - 27 (COM)



Ancient Bronze - 28 (ABZ)



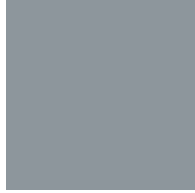
Jazz Gold - 29 (JAG)



Olive Breeze - 30 (OBR)



Moonlight Silver - 31 (MOS)



Rosewood Red - 32 (ROR)



Digital: Not all screens are calibrated the same, and therefore, colors will appear differently between screens.

Physical: When texture is involved, there will be variations in color, character and tone within a product series and between product families.

Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold: These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.



PROJECT	
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LEGEND

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

IP RATING

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

IK RATING

	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface)
	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)
	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)