SMOOTHLINE SUSPENSION

A30269	-	-	-	-	
base number	LED	Color	Finishes	Diffuser	_
	Dimming	Temperature	(Diamond)	Ontions	

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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

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Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Oval	
Length (mm): 630	
Length (in): 24 ¹³ / ₁₆	
Width (mm): 200	
Width (in): 7 1/8	
Height (mm): 120	
Height (in): 4 ³ / ₄	
Max. Overall Height (mm): 2120	
Max. Overall Height (in): 82 ½	
Light Distribution: Direct	
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 / GUM / 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 / 3500 / 4000

Max. Delivered Lumen (lm): 1530 / 1646 / 1680

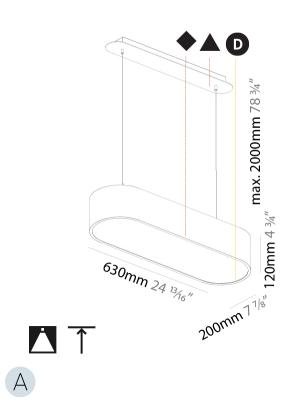
Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

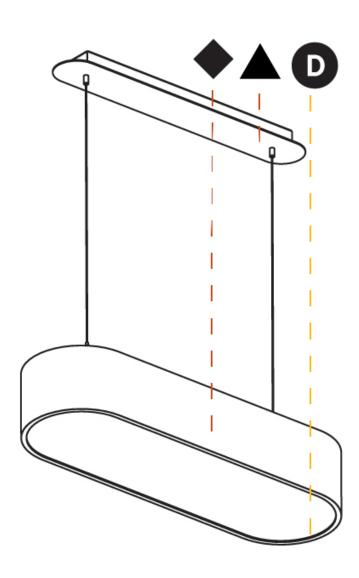






SMOOTHLINE SUSPENSION

A30269-





SMOOTHLINE SUSPENSION

A30271	-		_	-
base number	LED	Color	Finishes	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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Oval
Length (mm): 930
Length (in): 36 ⁵ / ₈
Width (mm): 200
Width (in): 7 1/8
Height (mm): 120
Height (in): 4 ³ / ₄
Max. Overall Height (mm): 2120
Max. Overall Height (in): 82 ½
Light Distribution: Direct
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 / GUM / 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 / 3500 / 4000

Max. Delivered Lumen (lm): 2190 / 2362 / 2410

Nominal Lumen (lm): 3285lm

CRI: >80 CRI

Lamp Life (hrs): 50000

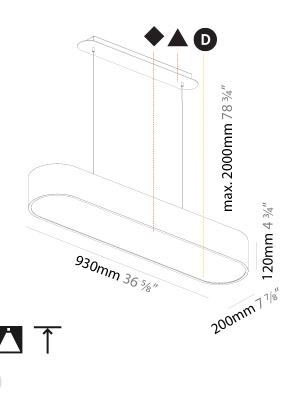
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





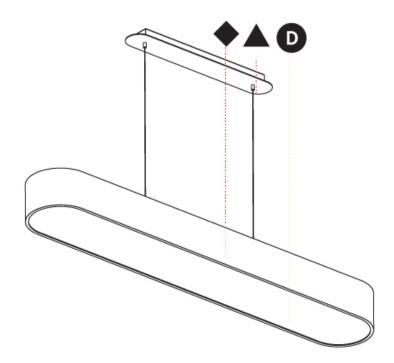




SMOOTHLINE SUSPENSION

A30271-

PROJECT
ТҮРЕ
SPECIFIER
QUANTITY
DATE





SMOOTHLINE SURFACE

A32966	-		-	-
base number	LED	Color	Finishes	Diffuser
	Dimming	Temperature	(Diamond)	Options

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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Division: Architectural
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Oval
Length (mm): 630
Length (in): 24 ¹³ / ₁₆
Width (mm): 200
Width (in): 7 $\frac{7}{8}$
Height (mm): 120
Height (in): 4 ³ / ₄
Light Distribution: Direct
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 / GUM / 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 / 3500 / 4000

Max. Delivered Lumen (lm): 1460 / 1568 / 1600

CRI: >80 CRI

Lamp Life (hrs): 50000

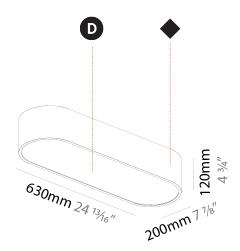
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



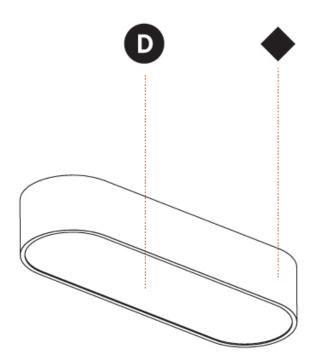






SMOOTHLINE SURFACE

A32966-





SMOOTHLINE SURFACE

A32968-	•		-	-
base number	LED	Color	Finishes	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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Division: A	rchitectural
Mounting ⁻	Type: Surface
Mounting I	Location: Ceiling
Subcatego	ry: Ambient
PHYSICAL	
Shape: Ova	al
Length (m	m): 930
Length (in)): 36 ⁵ / ₈
Width (mm	n): 200
Width (in):	7 1/8
Height (mr	n): 120
Height (in)	: 4 3/4
Light Distri	ibution: Direct
Weight (kg	;): 5.108
Weight (lbs	s): 11.24
Diffuser: Pl	MMA - Opal or Micro-Prism
LOD / PUS	ish: SSR / BKV / CWI / CRY / HAB / UFT / ITA / RUA / FTG / MYG / / FRO / FUP / KIA / POP / BLS / SPG / MEY / GOH / GUM / CHC / :/ JAG / OBR / MOS / ROR

 $\underline{\textbf{Fixture Material: Extruded Aluminum / Steel}}$

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 / 3500 / 4000

Max. Delivered Lumen (lm): 2190 / 2362 / 2410

CRI: >80 CRI

Lamp Life (hrs): 50000

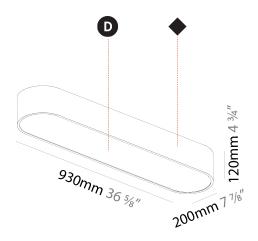
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





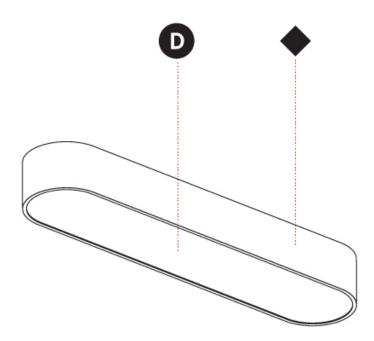






SMOOTHLINE SURFACE

A32968-





SMOOTHLINE SURFACE

A32972-	•		-	-
base number	LED Dimming	Color	Finishes (Diamond)	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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Oval
Length (mm): 1530
Length (in): 60 1/4
Width (mm): 200
Width (in): 7 $\frac{7}{8}$
Height (mm): 120
Height (in): 4 ³ / ₄
Light Distribution: Direct
Diffuser: PMMA - Opal or Micro-Prism
ET A SERVICE AND

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

Fixture Material: 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

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

Max. Delivered Lumen (lm): 3650 / 3930 / 4010

CRI: >80 CRI

Lamp Life (hrs): 50000

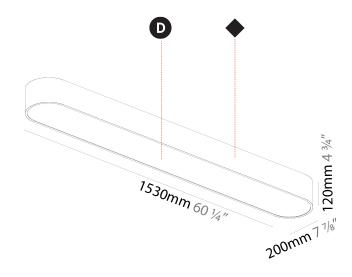
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





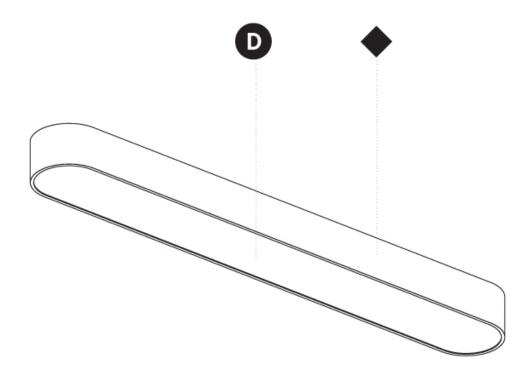






SMOOTHLINE SURFACE

A32972-





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SMOOTHLINE RECESSED

A37749	•	-	-	-	
base number	LED	Color	Finishes	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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Oval
Length (mm): 652
Length (in): 25 11/16
Width (mm): 222
Width (in): 8 ¾
Depth (mm): 150
Depth (in): 5 1/8
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 ½
Light Distribution: Direct
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 / GUM / CHC /

Fixture Material: Extruded Aluminum / Steel

COM / ABZ / JAG / OBR / MOS / ROR

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

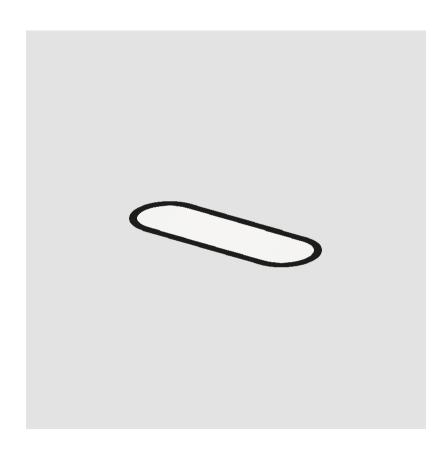
Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1430 / 1539 / 1570 CRI: >80 CRI Lamp Life (hrs): 50000

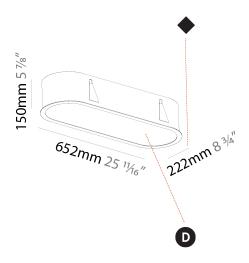
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		













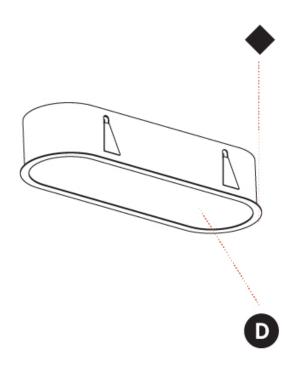






A37749-

PROJECT
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SPECIFIER
QUANTITY
DATE





SMOOTHLINE RECESSED

			_
Δ	277	45	5 -

base number

•				
	Color	Finishes	Diffuser	
	Temperature	(Diamond)	Options	

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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Oval
Length (mm): 952
Length (in): 37 ½
Width (mm): 222
Width (in): 8 ³ / ₄
Depth (mm): 150
Depth (in): 5 1/8
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 1/16
Light Distribution: Direct
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 / GUM / CHC /

Fixture Material: Extruded Aluminum / Steel

COM / ABZ / JAG / OBR / MOS / ROR

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

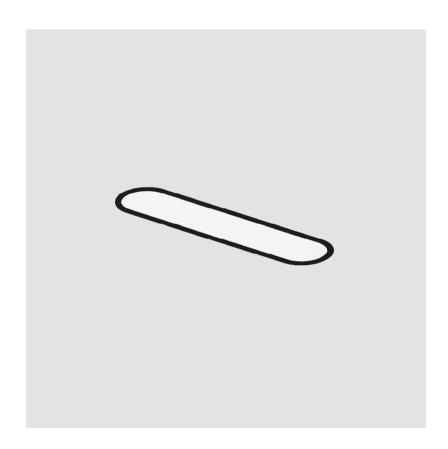
Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 2140 / 2303 / 2350 CRI: >80 CRI Lamp Life (hrs): 50000

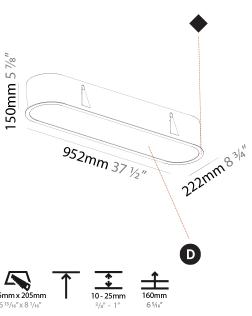
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





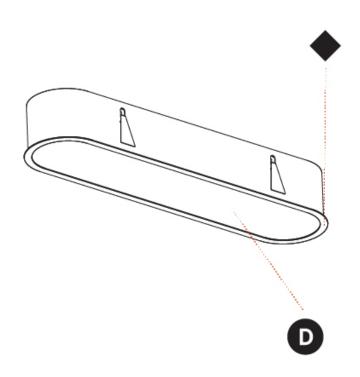








A37756-





SMOOTHLINE RECESSED

A37757	-	-	-	-
base number	LED	Color	Finishes	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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

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Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Oval
Length (mm): 1252
Length (in): 49 ⁵ / ₁₆
Width (mm): 222
Width (in): $8\frac{3}{4}$
Depth (mm): 150
Depth (in): 5 $\frac{7}{8}$
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 1/16
Light Distribution: Direct
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 / GUM / CHC
COM / ABZ / JAG / OBR / MOS / ROR

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

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

Fixture Material: Extruded Aluminum / Steel

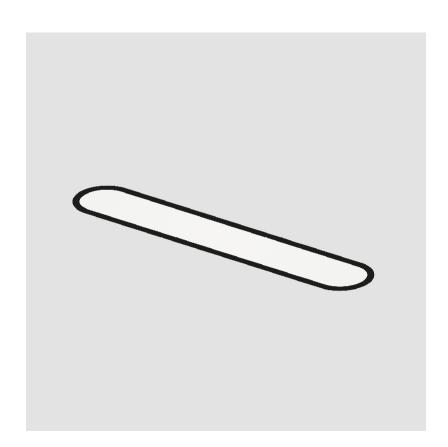
Max. Delivered Lumen (lm): 2860 / 3077 / 3140 CRI: >80 CRI Lamp Life (hrs): 50000

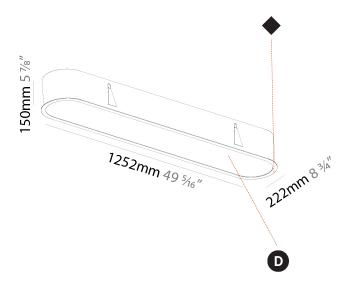
OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			











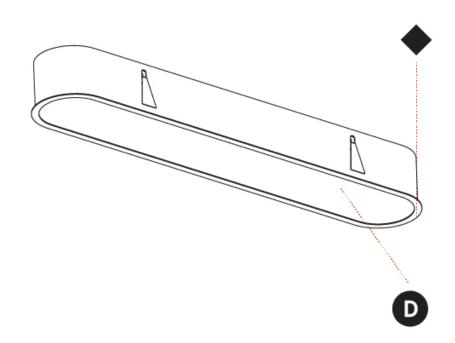








A37757-





SMOOTHLINE RECESSED

A37761	•		-	-
base number	LED	Color	Finishes	Diffuser

 ${\it 1. To \ build \ a \ product \ code \ in \ our \ configurator \ select \ the \ specify \ button \ on}}$ 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: Smoothy	
Subseries: Smoothline	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

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Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Oval
Length (mm): 1552
Length (in): $61\frac{1}{8}$
Width (mm): 222
Width (in): 8 ³ / ₄
Depth (mm): 150
Depth (in): $5\frac{7}{8}$
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
Light Distribution: Direct
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 / GUM / 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

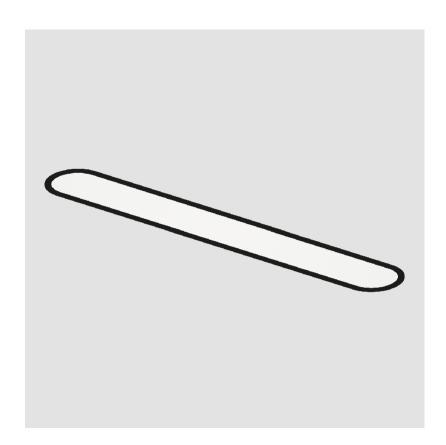
Color Temperature (°K): 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 3570 / 3842 / 3920	
CRI: >80 CRI	
Lamp Life (hrs): 50000	

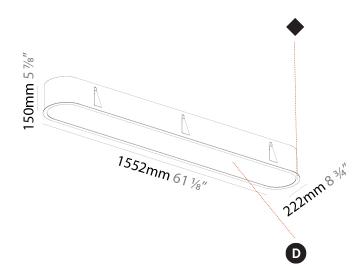
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			











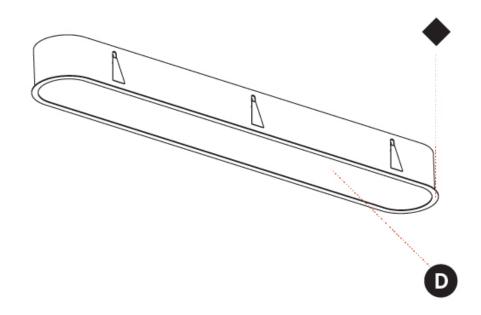








A37761-







SMOOTHY

COLOR FINISH CHART

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		

Fixture Finish



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.

Gun Metal: No Gun Metal finish is alike. It combines a mixture of transparent and black color particles which ensures a highly individual effect and no luminaire being identical. **Champagne Cream, Copper Mine, Ancient Bronze + Jazz Gold:** These finishes have slight fading from specific powder coating production. Each luminaire will slightly vary.





SMOOTHY

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

LEGEND

П		_			special LED (upon request) RGR_RGRW_tunable
	floor-mounted	¥	pivotable	⊛	special LED (upon request) RGB, RGBW, tunable, gold+, meat+, art+, fashion+
7	wall and ceiling: recessed and surface mounted	S	rotating	0	warm dim / natural dimming LED
\uparrow	ceiling-mounted and wall-mounted	Œ	illuminate tilted	0	rechargeable battery powered
\rightarrow	wall-mounted	I	color of suspension cable	THESE	fixture with natural vivid LED (upon request)
Y	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	(LM)	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩ <u></u>	efficacy (lumens per watt)
	asymmetric light distribution	\otimes	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
X	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
7	square wall or ceiling cut-out		free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	Ĉ	individual colors: 00 (free of charge), 01-25 (extra charge)	DSC	Dark Sky Compliance
□+, +	minimum distance (meters) lamp - object	•	luminaire part to be colored (F1)	Ġ	Americans with Disabilities Act (less than 4" off the wall located between 27"-84" from floor)
$\hat{\pm}$	recessed depth	lack	luminaire part to be colored (F2)		lamp protected against explosion
	ceiling thickness in mm		luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	♦ ®	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
₹	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser	. (1)	ETL Certified to UL and CSA Standards
9	sensor	O	direct diffuser	։ (Մ) ու	UL Certified to UL and CSA Standards
	remote control	1	ball-proof (upon request)	(1)	CSA Certified to UL and CSA Standards
9	available upon request	0	accessory	(Z)	Certified for North American Standards

IP RATING

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

IK RATING

above the surface)

IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
1K06	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)

protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)

protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm