

A31672					
base number	LED Dimming	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: Smoothy Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type. Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Square	
Length (mm): 370	
Length (in): 14 %	
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 $\frac{7}{16}$	
Light Distribution: Direct	
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 / GUM / CHC / COM / ABZ / JAG / OBR / MOS / ROR

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

Cable Details: 2000mm / 78 3/4"

ELECTRICAL

EEEC TRICKE
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 / 3500 / 4000
Max. Delivered Lumen (lm): 1380 / 1401 / 1430
CRI: >80 CRI
Efficiency (%): 82.7
Lamp Life (hrs): 50000

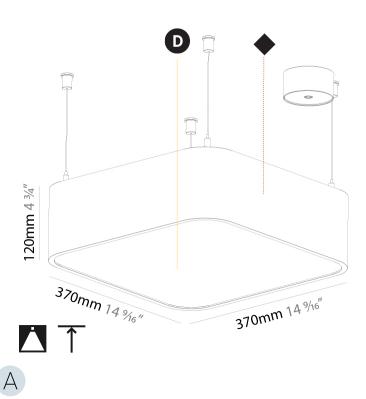
OPTICAL

RATINGS AND CERTIFICATIONS

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





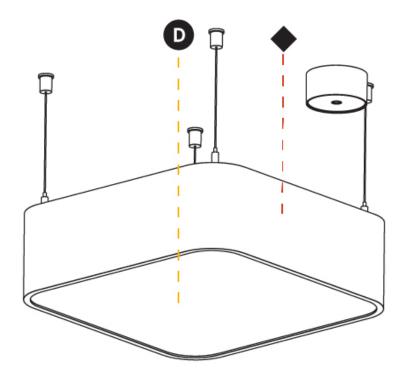


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A31672-

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ZANEEN®

SMOOTHY STANDARD SUSPENSION

A31679						
base number	LED Dimming	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: Smoothy Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 600
Length (in): $23\frac{5}{8}$
Width (mm): 600
Width (in): 23 ½
Height (mm): 120
Height (in): 4 ³ / ₄
Max. Overall Height (mm): 2120mm / 83-7/16
Max. Overall Height (in): 83 $\frac{7}{16}$
Light Distribution: Direct
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 / 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): 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 / 3500 / 4000
Max. Delivered Lumen (lm): 5520 / 5606 / 5720
CRI: >80 CRI
Efficiency (%): 82.7
Lamp Life (hrs): 50000

OPTICAL

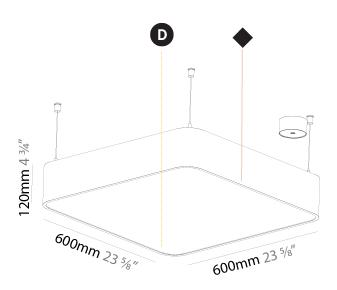
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





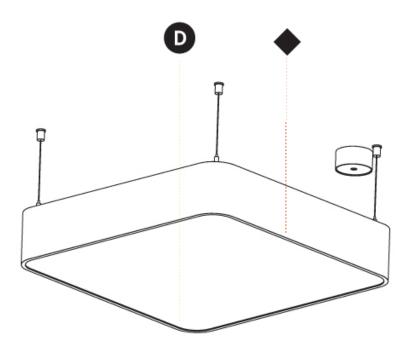


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A31679-

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A31684	-	-	-	-
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: Smoothy Standard
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling
Subcategory: Ambient

Mounting Type. Suspension
Mounting Location: Ceiling
Subcategory: Ambient
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 1/4
Max. Overall Height (mm): 2120mm / 83-7/16
Max. Overall Height (in): 83 $\frac{7}{16}$
Light Distribution: Direct
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 / 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): 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 / 3500 / 4000	
Max. Delivered Lumen (lm): 11050 / 11250 / 11450	
CRI: >80 CRI	
Efficiency (%): 82.7%	
Lamp Life (hrs): 50000	

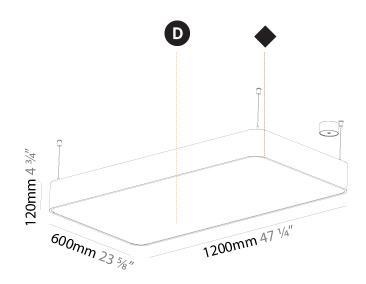
OPTICAL

RATINGS AND CERTIFICATIONS

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

PROJECT			
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QUANTITY			
DATE			





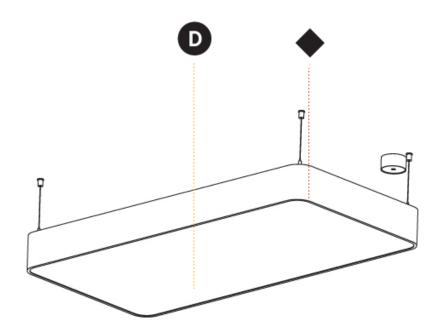


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A31684-

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TYPE			
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DATE			







SMOOTHY STANDARD TRIMLESS

A36697-

base number

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

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

GENERAL

Series: Smoothy	
Subseries: Smoothy Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Type: Trimless
Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 370
Length (in): 14 % 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 1/8
Light Distribution: Direct
Weight (kg): 4.236
Weight (lbs): 9.32
Diffuser: PMMA - Opal
Fixture Material: Extruded Aluminum / Steel

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

Cut-out Measurements: 405mm / 15 15/16" x 405mm 15 15/16" Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting

Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 1090 / 1107 / 1130 CRI: >80 CRI Efficiency (%): 0.804 Lamp Life (hrs): 50000 Upon Request: RGB-W Tunable White Special Color Temperature CRI90

OPTICAL

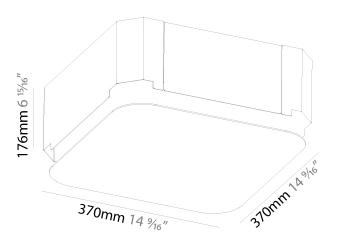
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

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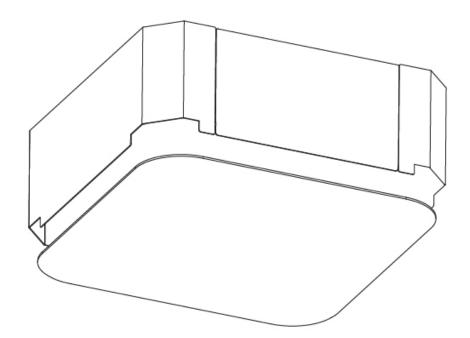




SMOOTHY STANDARD TRIMLESS

A36697-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







A37595	-		-	-	
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: Smoothy Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Location: Ceiting	
Subcategory: Ambient	
PHYSICAL	
Shape: Square	
Length (mm): 392	
Length (in): $15\frac{7}{16}$	
Width (mm): 392	
Width (in): 15 ⁷ / ₁₆	
Height (mm): 150	
Height (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): 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 / GUM / 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

LLD	
Color Temperature (°K): 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 1380 / 1401 / 1430	
CRI: >80 CRI	
Efficiency (%): 0.827	
Lamp Life (hrs): 50000	

OPTICAL

RATINGS AND CERTIFICATIONS

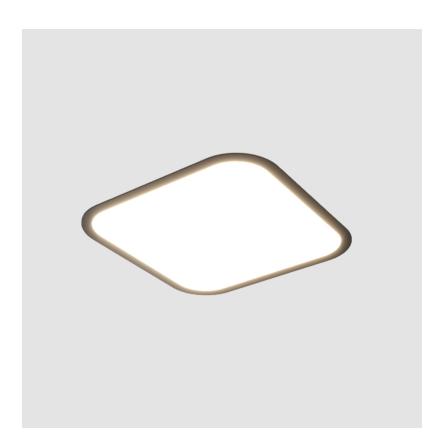
Certified By: Certified for North American Standards
IP rating: IP20

TYPE

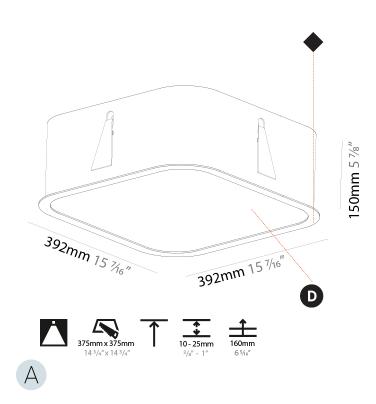
SPECIFIER

QUANTITY

DATE



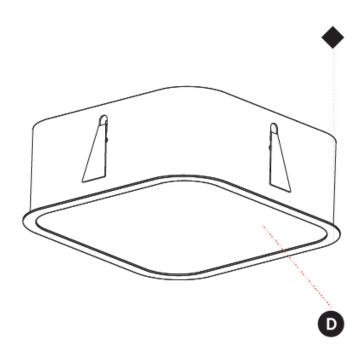
PROJECT





A37595-

PROJECT	
ТҮРЕ	
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QUANTITY	
DATE	







A37599	-		-	-	
base number	LED Dimming	Color Temperature	Finishes (Diamond)	Diffuser 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: Smoothy Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Recessed	
Mounting Location: Ceiling	
Subcategory: Ambient	

Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 622
Length (in): 24 ½
Width (mm): 622
Width (in): 24 ½
Height (mm): 150
Height (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): 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 / GUM / 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)
Lamp Type. LLD (Znaga 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

or Temperature (°K): 3000 / 3500 / 4000	
. Delivered Lumen (lm): 5520 / 5606 / 5720	
ninal Lumen (lm): 6680lm	
>80 CRI	
iency (%): 0.827	
p Life (hrs): 50000	

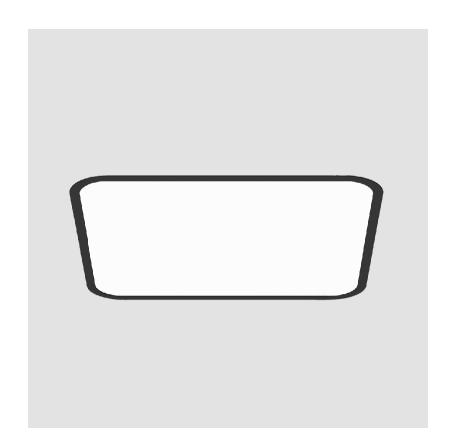
OPTICAL

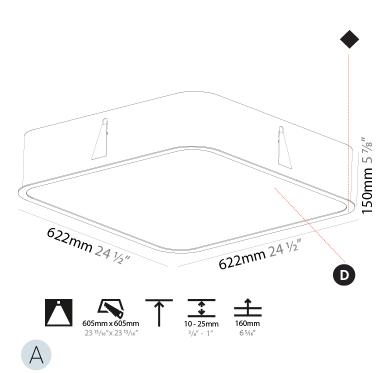
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT	
TYPE	
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DATE	

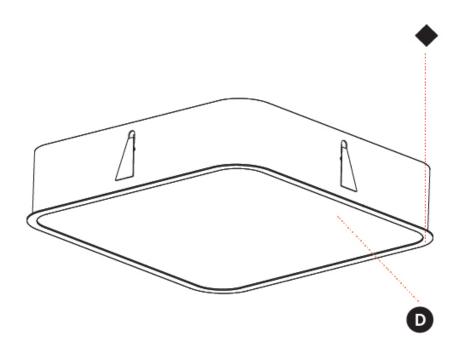






A37599-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







A37603	-		-	-	
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: Smoothy Standard
Brand: Prolicht
Division: Architectural
Mounting Type: Recessed
Mounting Location: Ceiling
Subcategory: Ambient

Mounting Location: Ceiling
Subcategory: Ambient
PHYSICAL
Shape: Square
Length (mm): 1222
Length (in): 48 $\frac{1}{8}$
Width (mm): 622
Width (in): 24 ½
Height (mm): 150
Height (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 \(^5\)/16
Light Distribution: Direct
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 / GUM / 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

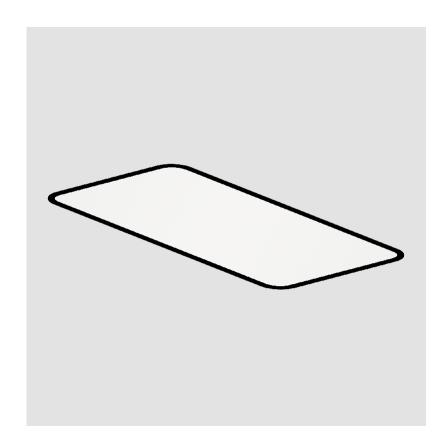
Color Temperature (°K): 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 11050 / 11221 / 11450	
CRI: >80 CRI	
Efficiency (%): 0.827	
Lamp Life (hrs): 50000	

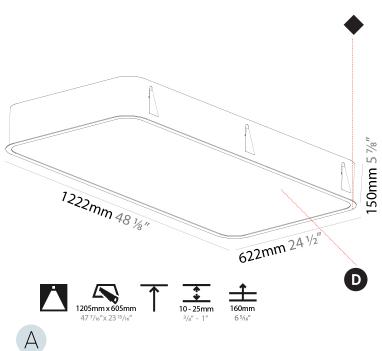
OPTICAL

RATINGS AND CERTIFICATIONS

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

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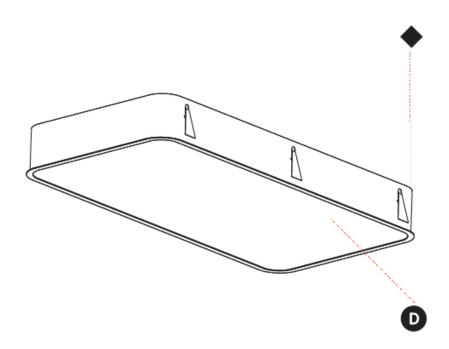


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A37603-

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			





ZANEEN®

SMOOTHY STANDARD TRIMLESS

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base number

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

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

GENERAL

Series: Smoothy	
Subseries: Smoothy Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Ambient	

DIVISION. / Weinteettarat	
Mounting Type: Trimless	
Mounting Location: Ceiling	
Subcategory: Ambient	
PHYSICAL	
Shape: Square	
Length (mm): 600	
Length (in): 23 ⁵ / ₈	
Width (mm): 600	
Width (in): 23 ½	
Depth (mm): 156	
Depth (in): 6 ½	
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	
Light Distribution: Direct	
Weight (kg): 12.549	
Weight (lbs): 27.61	
Diffuser: PMMA - Opal	
Fixture Material: Extruded Aluminum / Steel	
Cut-out Measurements: 635mm / 25" x 635mm / 25"	

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

Upon Request: Unique Sizes Unique Ceiling Thickness Unique Mounting

LED

Color Temperature (°K): 3000 / 3500 / 4000	
Max. Delivered Lumen (lm): 5370 / 5449 / 5560	
CRI: >80 CRI	
Efficiency (%): 65 (5mm Perspex) / 80.40	Т
Lamp Life (hrs): 50000	
Upon Request: RGB-W Tunable White Special Color Temperature CRIS	0

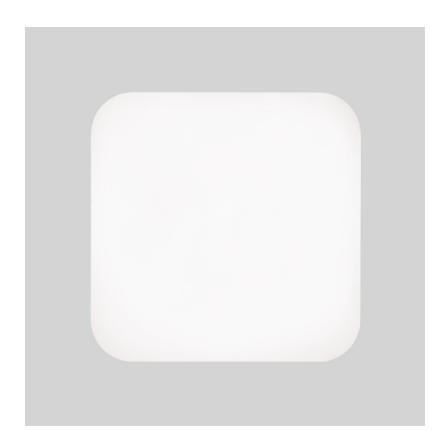
OPTICAL

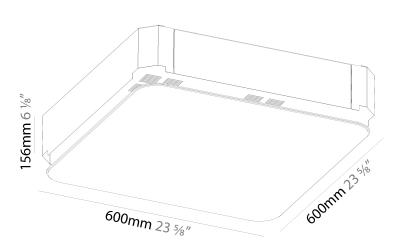
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	













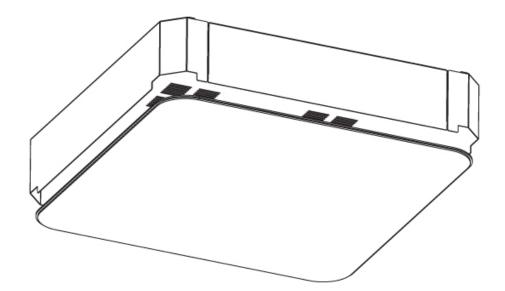




SMOOTHY STANDARD TRIMLESS

A37652-

PROJECT	
ТҮРЕ	
SPECIFIER	
QUANTITY	
DATE	







SMOOTHY STANDARD SURFACE

A3C005	-		_	-	
base number	LED	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: Smoothy Standard	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Ambient	

- !	Division: Architectural
Ī	Mounting Type: Surface
Ī	Mounting Location: Ceiling
9	Subcategory: Ambient
ı	PHYSICAL
9	Shape: Square
Ī	Length (mm): 600
ı	Length (in): 23 ⁵ / ₈
١	Width (mm): 600
١	Width (in): 23 ⁵ / ₈
Ī	Height (mm): 120
Ī	Height (in): 4 ¾
i	Light Distribution: Direct
Ì	Weight (kg): 11.315
١	Weight (lbs): 24.89
į	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): 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

Color Temperature (°K): 3000 / 3500 / 4000 Max. Delivered Lumen (lm): 5520 / 5606 / 5720 CRI: >80 CRI Efficiency (%): 0.867 Lamp Life (hrs): 50000

OPTICAL

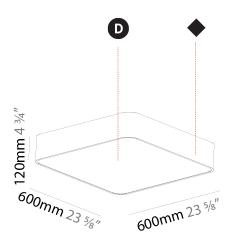
RATINGS AND CERTIFICATIONS

dimming / Phase dimming 120Vac only

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

PROJECT			
TYPE			
SPECIFIER			
QUANTITY			
DATE			











SMOOTHY STANDARD SURFACE

A3C005-

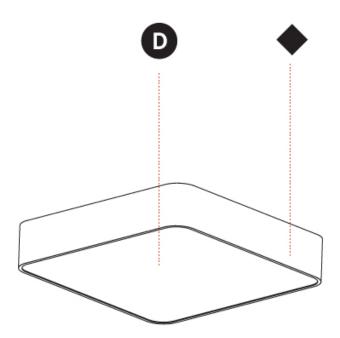
PROJECT

TYPE

SPECIFIER

QUANTITY

DATE







SMOOTHY

COLOR FINISH CHART

PROJECT			
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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

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LEGEND

П		_		\bigcirc	special LED (upon request) RGB_RGBW_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)

	anaphotic (in the College of the Col
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$
IKOB	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface) $$
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