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base number

Temperature (Diamond)

(Triangle)

Cable Color Options

TYPE SPECIFIER QUANTITY DATE

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

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

GENERAL

Series: Oiko Pro	
Subseries: Oiko Pro Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

PHYSICAL	
Shape: Cylinder	
Diameter (mm): 75	
Diameter (in): 2 15/16	
Height (mm): 125	
Height (in): 4 15/16	
Light Distribution: Direct	

Weight (kg): 0.81

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

Fixture Material: Metal

Cable Details: 2,000mm / 6,000mm Cable - Options: Transparent, Black, White, Red, Orange

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 13.7

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No Driver Location: Remote

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 954 / 1028 / 1088 / 1091 Nominal Lumen (lm): 1246 / 1342 / 1396 / 1424

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 14 Adjustability: Fixed

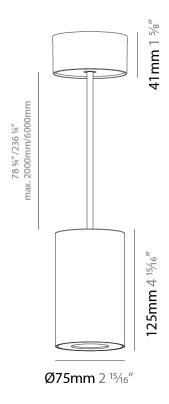
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20



PROJECT

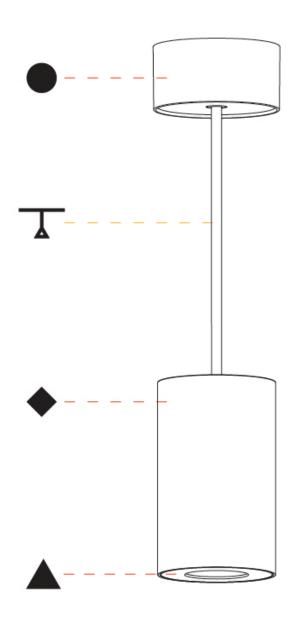






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PROJECT	
TYPE	
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QUANTITY	
DATE	







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Temperature (Diamond)

(Triangle)

Cable Color 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: Oiko Pro	
Subseries: Oiko Pro Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	

PHYSICAL

Shape: Cylinder	
Diameter (mm): 7	1

Subcategory: Pendant

Diameter (in): 2 15/16

Height (mm): 125 Height (in): 4 15/16

Light Distribution: Direct

Weight (kg): 0.769

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

Fixture Material: Metal

Cable Details: 2,000mm / 6,000mm Cable - Options: Transparent, Black, White, Red, Orange

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 12.9

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Remote

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1218 / 1214 / 1272 / 1283

Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552

CRI: >90 CRI

Lamp Life (hrs): 50000

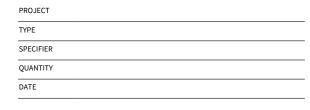
OPTICAL

Reflector°: 34

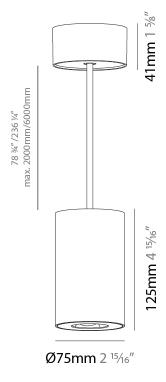
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards



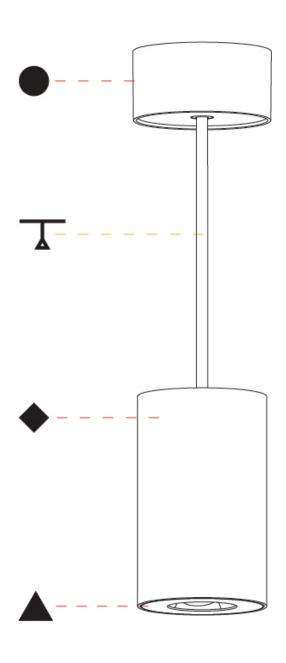








A300393-







A300394-

base number

(Triangle)

Cable Color Options

Temperature (Diamond)

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 #

1.To build a product code in our configurator select the specify button on

GENERAL

Series: Oiko Pro	
Subseries: Oiko Pro Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

PHYSICAL	
Shape: Cylinder	
Diameter (mm): 75	
Diameter (in): 2 15/16	
Height (mm): 125	
Height (in): 4 15/16	
Light Distribution: Direct	
Weight (kg): 0.769	

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

Fixture Material: Metal

Cable Details: 2,000mm / 6,000mm Cable - Options: Transparent, Black, White, Red, Orange

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 12.9

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No Driver Location: Remote

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1293 / 1289 / 1350 / 1362

Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552 CRI: >90 CRI

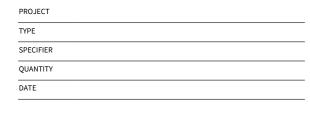
Lamp Life (hrs): 50000

OPTICAL

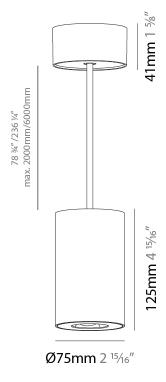
Reflector°: 50 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards



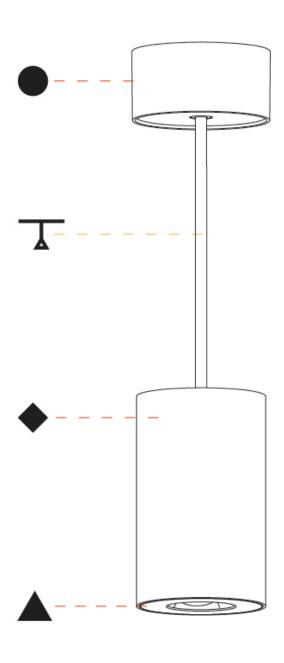








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A300395-	
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base number

LED Dimming

Color Finishes Temperature (Diamond)

Finishes d) (Triangle) Finishes (Circle) Cable Color 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: Oiko Pro
Subseries: Oiko Pro Round
Brand: Prolicht
Division: Architectural
Mounting Type: Suspension
Mounting Location: Ceiling

PHYSICAL

Shape: Cylinder Diameter (mm): 75

Diameter (in): 2 15/16

Subcategory: Pendant

Height (mm): 125

Height (in): 4 15/16
Light Distribution: Direct

Weight (kg): 0.769

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

Fixture Material: Metal

Cable Details: 2,000mm / 6,000mm Cable - Options : Transparent, Black, White, Red, Orange

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 12.9

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Remote

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1377 / 1372 / 1438 / 1451

Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552

CRI: >90 CRI

Lamp Life (hrs): 50000

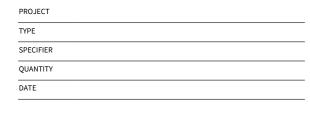
OPTICAL

Reflector°: 60

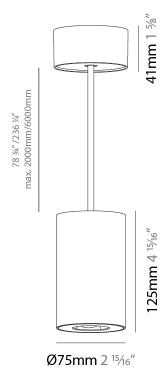
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards



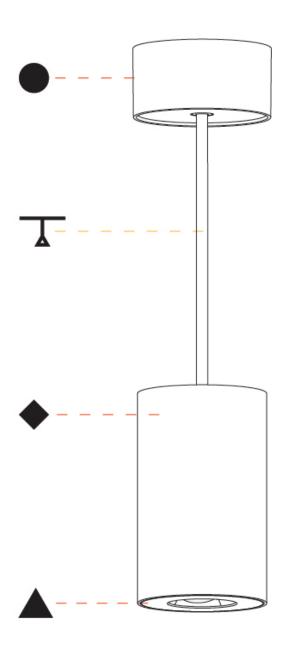








A300395-







OIKO PRO SQUARE SUSPENSION

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base number

Temperature (Diamond)

(Triangle)

Cable Color 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: Oiko Pro	
Subseries: Oiko Pro Square	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Suspension	
Mounting Location: Ceiling	
Subcategory: Pendant	

PHYSICAL	
Shape: Cylinder	
Length (mm): 75	
Length (in): 2 15/16	
Width (mm): 75	
Width (in): 2 ¹⁵ / ₁₆	
Height (mm): 125	
Height (in): 4 15/16	
Light Distribution: Direct	

Weight (kg): 0.769

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

Fixture Material: Metal

Cable Details: 2,000mm / 6,000mm Cable - Options: Transparent, Black, White, Red, Orange

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 12.9

Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)

Driver Included: No

Driver Location: Remote

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Constant Current (MA): 350

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1293 / 1289 / 1350 / 1362 Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552 CRI: >90 CRI

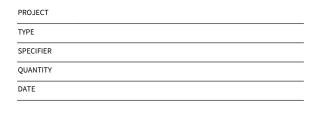
Lamp Life (hrs): 50000

OPTICAL

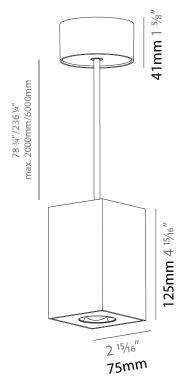
Reflector°: 50 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards





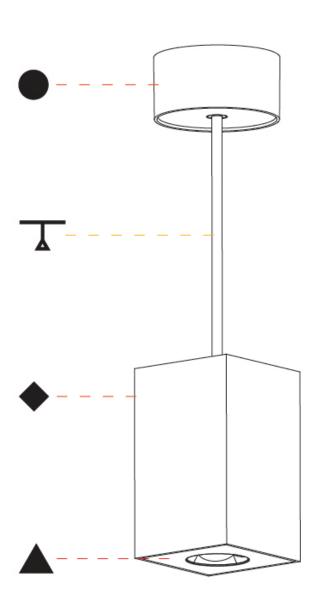






OIKO PRO SQUARE SUSPENSION

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Color Finishes
Temperature (Diamond)

Finishes (Triangle

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: Oiko Pro	
Subseries: Oiko Pro Round	
Brand: Prolicht	
Division: Architectural	
Mounting Type: Surface	
Mounting Location: Ceiling	
Subcategory: Downlight	

PHYSICAL

Cylinder

Diameter (mm): 75

Diameter (in): 2 15/16

Height (mm): 125

Height (in): 4 15/16

Light Distribution: Direct

Weight (kg): 0.452

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

Fixture Material: Metal

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 14

Total Output Wattage (W): 12.8

Dimming: Non-Dimming / Phase Dimming (120vac Only)

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: Remote: 0-10Vdc dimming / Phase dimming 120Vac / Non-dimming 120/277Vac (No Cover Plate)

LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 951 / 1028 / 1088 / 1091

Nominal Lumen (lm): 1246 / 1342 / 1396 / 1424

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 14

Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

PROJECT	
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QUANTITY	
DATE	





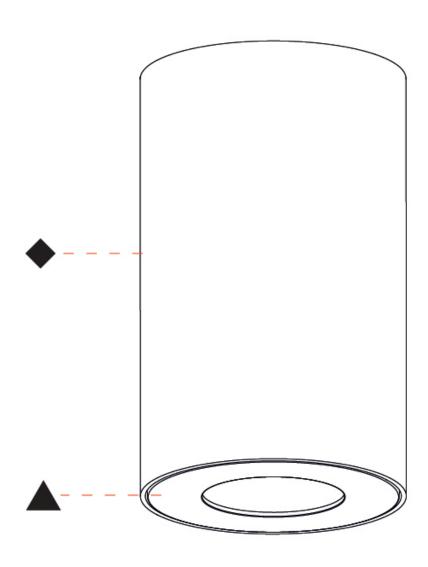
Ø75mm 2 15/16"





A3D230-

PROJECT	
TYPE	_
SPECIFIER	_
QUANTITY	_
DATE	







A3D231-

base number

Temperature (Diamond)

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: Oiko Pro Subseries: Oiko Pro Round Brand: Prolicht Division: Architectural

Mounting Type: Surface Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Cylinder

Diameter (mm): 75

Diameter (in): 2 15/16

Height (mm): 125

Height (in): 4 15/16

Light Distribution: Direct

Weight (kg): 0.452

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

Fixture Material: Metal

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 13

Total Output Wattage (W): 11.8

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): 350

Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac / Non-dimming 120/277Vac (No Cover Plate)

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1218 / 1214 / 1272 / 1283

Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 34

Adjustability: Fixed

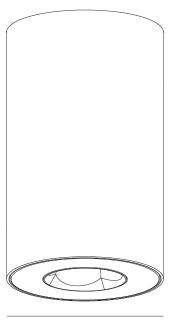
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20







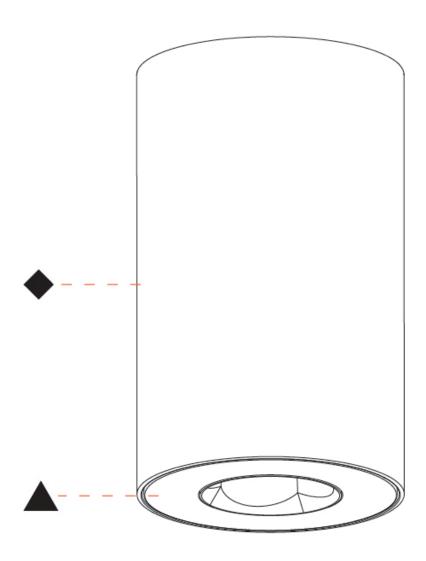
Ø75mm 2 15/16"





A3D231-

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	







A3D232-

base number

Temperature (Diamond)

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: Oiko Pro Subseries: Oiko Pro Round

Brand: Prolicht

Division: Architectural Mounting Type: Surface

Mounting Location: Ceiling

Subcategory: Downlight

PHYSICAL

Shape: Cylinder

Diameter (mm): 75

Diameter (in): 2 15/16

Height (mm): 125

Height (in): 4 15/16

Light Distribution: Direct

Weight (kg): 0.452

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

Fixture Material: Metal

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 13

Total Output Wattage (W): 11.8

Dimming: Non-Dimming / Phase Dimming (120vac Only)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac / Non-dimming 120/277Vac (No Cover Plate)

LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1293 / 1289 / 1350 / 1362

Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

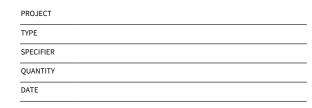
Reflector°: 50

Adjustability: Fixed

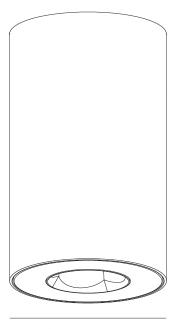
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20





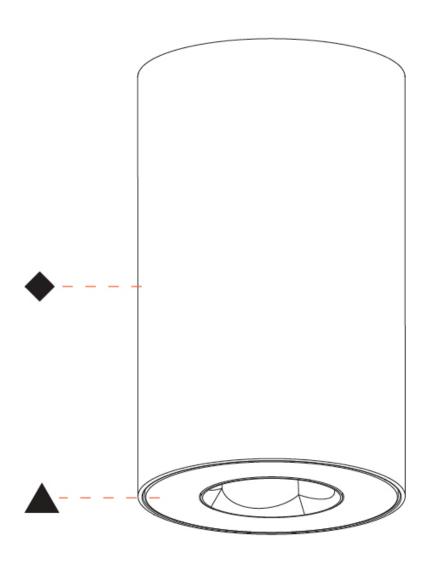


Ø75mm 2 15/16"





A3D232-







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base number

Temperature (Diamond)

Finishes

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: Oiko Pro Subseries: Oiko Pro Round Brand: Prolicht

Division: Architectural Mounting Type: Surface

Mounting Location: Ceiling Subcategory: Downlight

PHYSICAL

Shape: Cylinder

Diameter (mm): 75

Diameter (in): 2 15/16

Height (mm): 125 Height (in): 4 15/16

Light Distribution: Direct

Weight (kg): 0.452

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

Fixture Material: Metal

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 13

Total Output Wattage (W): 11.8

Dimming: Non-Dimming / Phase Dimming (120vac Only)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac / Non-dimming 120/277Vac (No Cover Plate)

LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1377 / 1372 / 1438 / 1451

Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552

CRI: >90 CRI

Lamp Life (hrs): 50000

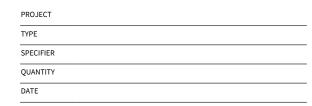
OPTICAL

Reflector°: 60

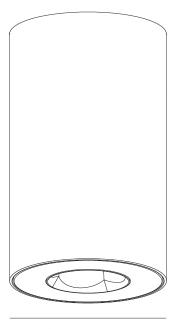
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards







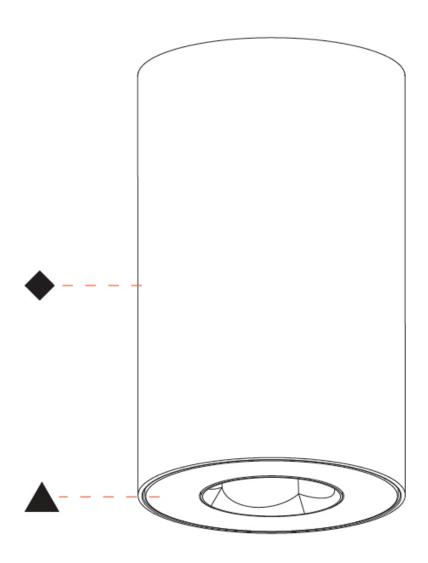
Ø75mm 2 15/16"





A3D233-

PROJECT
ТУРЕ
SPECIFIER
QUANTITY
DATE







OIKO PRO WALLWASH SURFACE

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base number LED Color Finishes Finish Dimming Temperature (Diamond) (Trian

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: Oiko Pro
Subseries: Oiko Pro Wallwash
Brand: Prolicht
Division: Architectural
Mounting Type: Surface
Mounting Location: Ceiling
Subcategory: Wallwash

Subcategory: Wallwash

PHYSICAL

Shape: Cylinder

Diameter (mm): 75

Diameter (in): 2 15/16

Height (mm): 125

Height (in): 4 15/16

Light Distribution: Direct

Weight (kg): 0.452

Fixture Finish: SSR / BKV / CWI / CRY / HAB / LAG / UFT / ITA / RUA / RUR /

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

Fixture Material: Metal

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 13

Total Output Wattage (W): 11.8

Dimming: Non-Dimming / Phase Dimming (120vac Only)

Driver Included: Yes

Driver Location: Integrated

Driver Type: Constant Current - Universal

Driver Class: Class 2

Input Voltage (V): 120 - 277

Upon Request: Remote: 0-10Vdc dimming / Phase dimming 120Vac / Non-dimming 120/277Vac (No Cover Plate)

LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000

Max. Delivered Lumen (lm): 1244 / 1220 / 1278 / 1289

Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Adjustability: Fixed

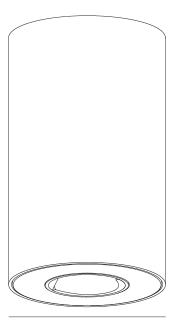
RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

PROJECT		
TYPE		
SPECIFIER		
QUANTITY		
DATE		





125mm 415/16"

Ø75mm 2 15/16"

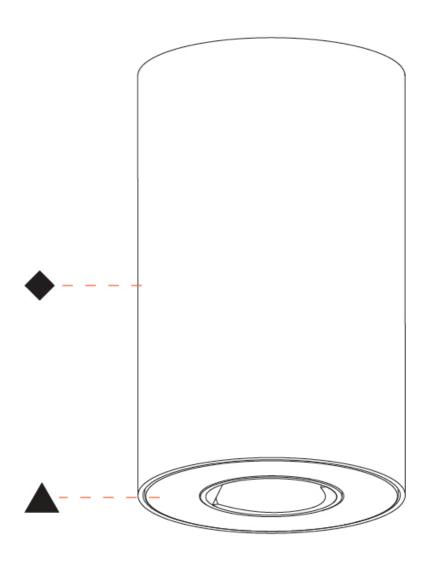




OIKO PRO WALLWASH SURFACE

A3D234-

PROJECT	
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QUANTITY	_
DATE	_







OIKO PRO

PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	

Fixture Finish



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



and between product families.



OIKO PRO

LEGEND

T T	Vari		a NR		special LED (upon request) PGP_PGPW_tunable
<u></u>	floor-mounted	Á	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
	direct/indirect light distribution	s s	super spot	LM	lumen (luminous flux)
Y	indirect light distribution	*	lens	₩)	efficacy (lumens per watt)
	asymmetric light distribution	8	lens pack	UGR	Unified Glare Rating (UGR) range from 5-40
	aura light distribution	0	shine ring	*	marine grade (AISI 316 stainless steel)
R	round wall or ceiling cut-out	0	integrated shine ring with diffuser	3	walk on
Z)	square wall or ceiling cut-out	Ġ	free individual colors 01-29	②	drive on
4	the supplied jig specifies the cutout dimensions	C	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)
$\hat{\perp}$	recessed depth	lack	luminaire part to be colored (F2)		lamp protected against explosion
1	ceiling thickness in mm	•	luminaire part to be colored (F3)		blown glass using traditional methods by master glass blower
1	ceiling thickness selection		luminaire part to be colored (F4)	()	acoustic material
	dimmable DP (phase), DV (0-10V), DD (dali), DS (step-dim)	•	luminaire part to be colored (F5)		protection class I, protection insulation
<u>جه</u>	included or excluded LED driver/transformer/ control gear	•	color of 3-circuit adaptor		protection class II, protection insulation
8	separately switchable	\odot	indirect diffuser	. (II)	ETL Certified to UL and CSA Standards
9	sensor	O	direct diffuser	։ (Մ) «s	UL Certified to UL and CSA Standards
	remote control	\oplus	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)

100000	288 (400 C) - 26 5 (100 C) - 26 5 (
IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
ІКОЗ	protected against 0.35 joules impact (equivalent to 0.25kg mass dropped from 140mm above the surface)
IK04	protected against 0.5 joules impact (equivalent to 0.25kg mass dropped from 200mm above the surface)
IK05	protected against 0.7 joules impact (equivalent to 0.25kg mass dropped from 280mm above the surface)
IK06	protected against 1 joules impact (equivalent to 0.25kg mass dropped from 400mm above the surface)
IK07	protected against 2 joules impact (equivalent to 0.5kg mass dropped from 400mm above the surface) $$
IK08	protected against 5 joules impact (equivalent to 1.7kg mass dropped from 300mm above the surface)
IK09	protected against 10 joules impact (equivalent to 5.0kg mass dropped from 200mm above the surface)

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

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