

OIKO PRO ROUND SUSPENSION

A300394-

base number LED Dimming Color Temperature Finishes (Diamond) Finishes (Triangle) Finishes (Circle) Cable Color 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: Oiko Pro Round
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Cylinder
 Diameter (mm): 75
 Diameter (in): 2 ¹⁵/₁₆
 Height (mm): 125
 Height (in): 4 ¹⁵/₁₆
 Weight (kg): 0.769
 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: Metal
 Cable Details: 2000mm / 6000mm 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): 1293 / 1289 / 1350 / 1362
 Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552
 CRI: >90 CRI
 Lamp Life (hrs): 50000

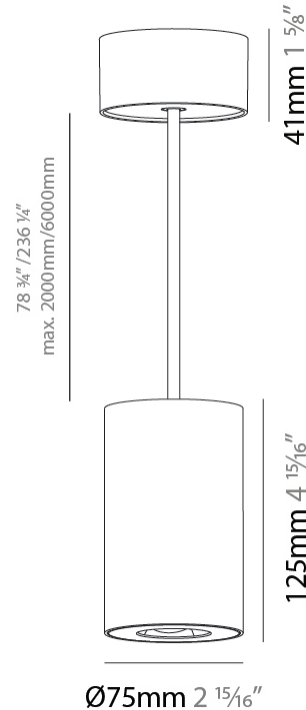
OPTICAL

Reflector°: 50
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

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

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



OIKO PRO ROUND SUSPENSION

A300394-

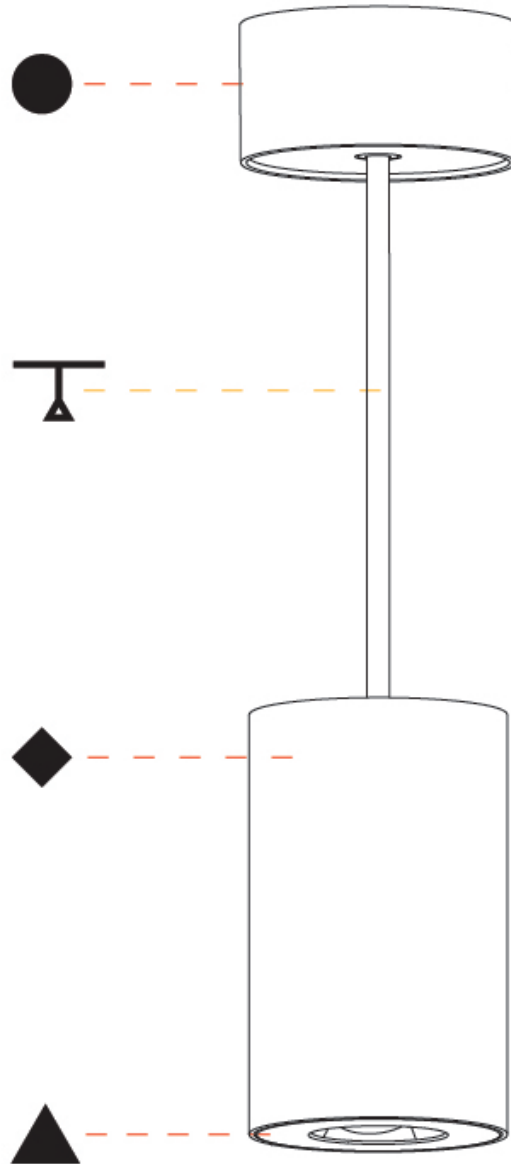
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QUANTITY _____

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A

OIKO PRO ROUND ADJUSTABLE TRIMLESS

A35817-

base number Color Finishes Finishes Ceiling Lens
 Temperature (Diamond) (Triangle) Thickness 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: Oiko Pro Round
 Subseries: Oiko Pro Round Adjustable
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Round
 Diameter (mm): 75
 Diameter (in): 2 15/16
 Height (mm): 103
 Height (in): 4 1/16
 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): 115
 Min. Recessing Depth (in): 4 1/2
 Diffuser: Lens Pack - Spread Lens / Linear Spread Lens / Honeycomb Louver
 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: Aluminum Die Cast
 Cut-out Measurements: D. 86mm / 3 3/8"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 16
 Total Output Wattage (W): 14.6
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350

LED

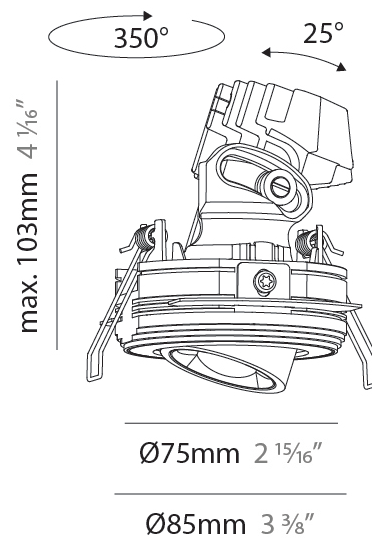
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 1375 / 1462 / 1531 / 1545
 Nominal Lumen (lm): 1566 / 1665 / 1743 / 1759
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Reflector°: 50
 Adjustability: Rotational 350° / Tilt 25°

RATINGS AND CERTIFICATIONS

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



OIKO PRO ROUND ADJUSTABLE TRIMLESS

A35817-

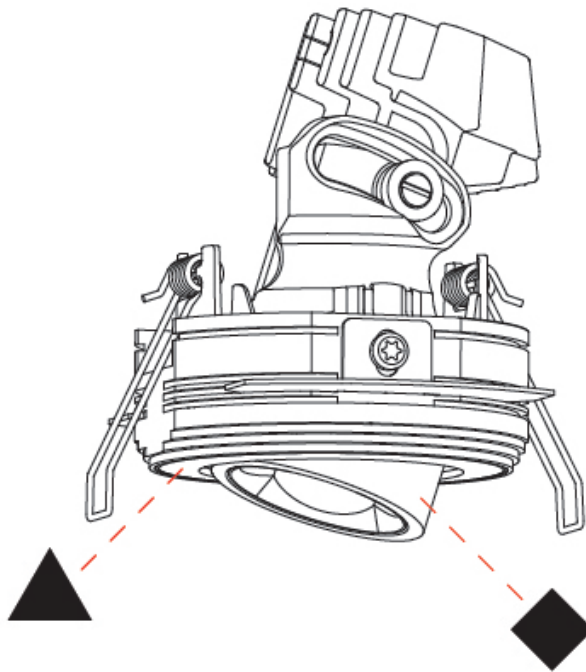
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OIKO PRO ROUND HO RECESSED

A35839-

base number	Color Temperature	Finishes (Diamond)	Lens 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: Oiko Pro Round
Subseries: Oiko Pro Round HO
Partner: Prolicht
Division: Architectural
Installation: Recessed
Product Type: Downlight
Mounting Location: Ceiling
Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 1"
Shape: Round
Diameter (mm): 75
Diameter (in): 2 15/16
Height (mm): 101
Height (in): 4
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): 105
Min. Recessing Depth (in): 4 1/8
Diffuser: Lens Pack - Spread Lens / Linear Spread Lens / Honeycomb Louver
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: Aluminum Die Cast
Cut-out Measurements: D. - 68mm / 2 11/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 24
Total Output Wattage (W): 21.8
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Recessed Housing
Driver Type: Constant Current - Universal
Driver Class: Class 2
Housing: ENCP1
Input Voltage (V): 120 - 277
Constant Current (MA): 500mA

LED

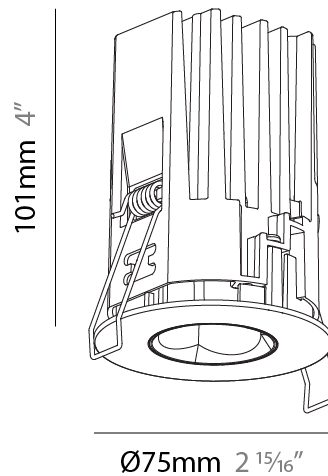
Number of LEDs: 1
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 2055 / 2128 / 2228 / 2248
Nominal Lumen (lm): 2341 / 2424 / 2537 / 2561
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

Reflector°: 50

RATINGS AND CERTIFICATIONS

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



OIKO PRO ROUND HO RECESSED

A35839-

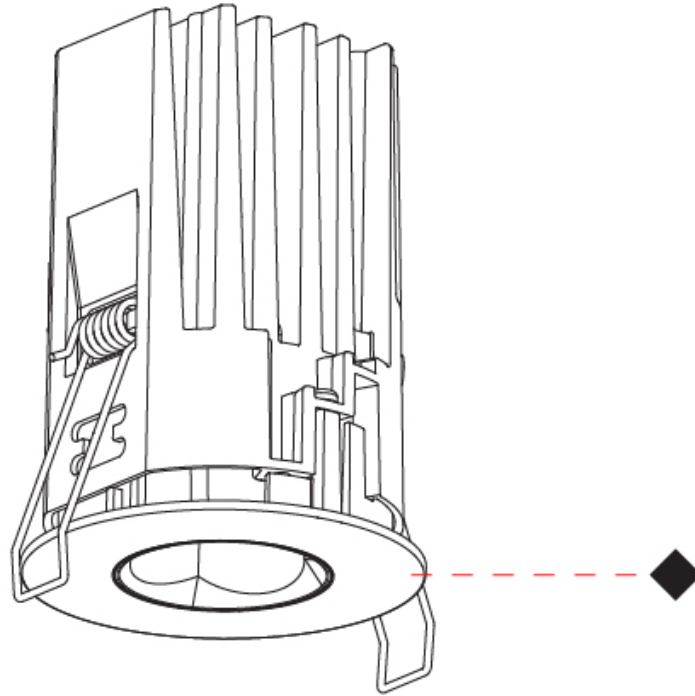
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A

OIKO PRO ROUND ADJUSTABLE RECESSED

A35843-

base number Color Finishes Finishes Lens
 Temperature (Diamond) (Triangle) 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: Oiko Pro Round
 Subseries: Oiko Pro Round Adjustable
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Adjustable / Downlight

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Round
 Diameter (mm): 75
 Diameter (in): 2 ¹⁵/₁₆
 Height (mm): 103
 Height (in): 4 ¹/₁₆
 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): 115
 Min. Recessing Depth (in): 4 ¹/₂
 Diffuser: Lens Pack - Spread Lens / Linear Spread Lens / Honeycomb Louver
 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: Aluminum Die Cast
 Cut-out Measurements: D. - 68mm / 2 11/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 15
 Total Output Wattage (W): 13.6
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350

LED

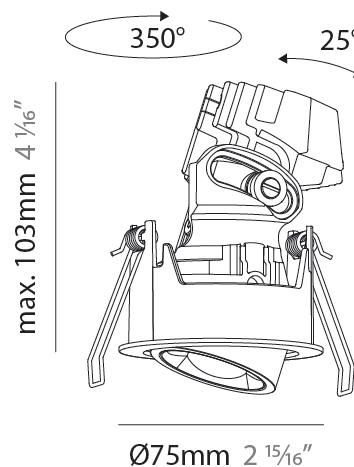
Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 1375 / 1462 / 1531 / 1545
 Nominal Lumen (lm): 1566 / 1665 / 1743 / 1759
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Reflector°: 50

RATINGS AND CERTIFICATIONS

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



OIKO PRO ROUND ADJUSTABLE RECESSED

A35843-

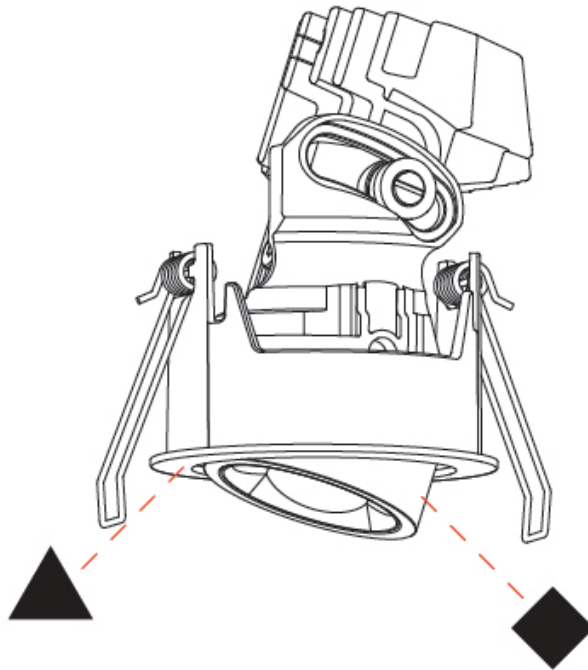
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OIKO PRO IP54 RECESSED

A35851- -

base number Color Finishes
 Temperature (Diamond)

- 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: Oiko Pro Round
 Subseries: Oiko Pro IP54
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Round
 Diameter (mm): 75
 Diameter (in): 2 ¹⁵/₁₆
 Height (mm): 104
 Height (in): 4 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): 110
 Min. Recessing Depth (in): 4 ⁵/₁₆
 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: Aluminum Die Cast
 Cut-out Measurements: D. 68mm / 2 11/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 24
 Total Output Wattage (W): 21.8
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Housing: ENCP1
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500mA

LED

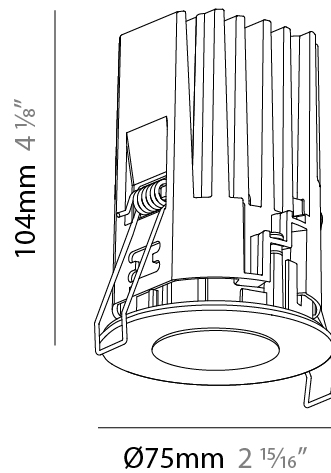
Number of LEDs: 1
 Color Temperature (°K): [2700 / 3000 / 3500 / 4000](#)
 Max. Delivered Lumen (lm): 1957 / 2027 / 2537 / 2141
 Nominal Lumen (lm): 2341 / 2424 / 2537 / 2561
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Reflector°: 50

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards
 IP rating: IP54



OIKO PRO IP54 RECESSED

A35851-

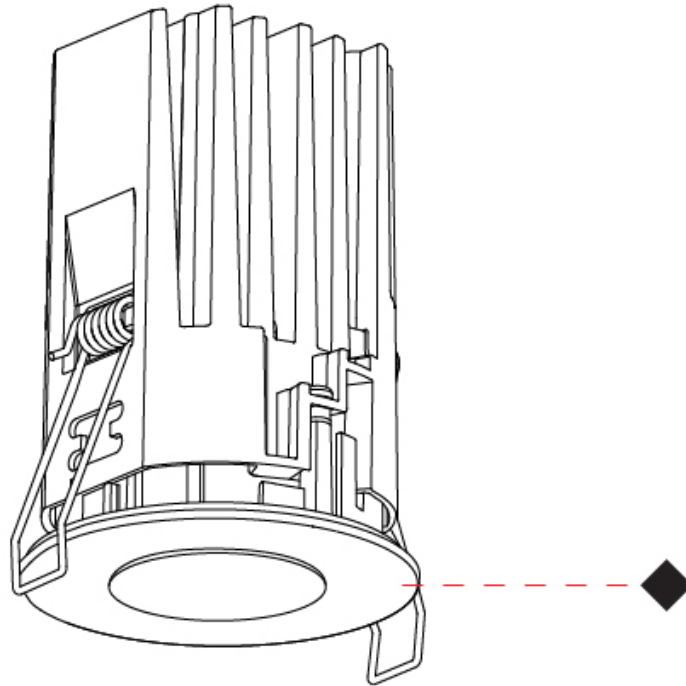
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OIKO PRO ROUND FIXED RECESSED

A35868-

base number	Color	Finishes	Lens
	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: Oiko Pro Round
 Subseries: Oiko Pro Round Fixed
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Round
 Diameter (mm): 75
 Diameter (in): 2 15/16
 Height (mm): 51
 Height (in): 2
 Ceiling Thickness (mm): 1 - 25
 Ceiling Thickness (in): 1/16 - 1 3/16
 Min. Recessing Depth (mm): 55
 Min. Recessing Depth (in): 2 3/16
 Diffuser: Lens Pack - Spread Lens / Linear Spread Lens / Honeycomb Louver
 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: Aluminum Die Cast
 Cut-out Measurements: 68mm / 2 11/16" Diameter

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 15
 Total Output Wattage (W): 13.6
 Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
 Driver Included: No
 Driver Location: Recessed Housing
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 350

LED

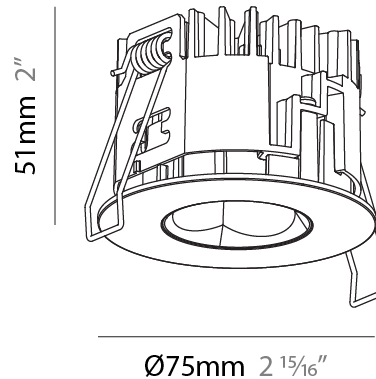
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 1375 / 1462 / 1531 / 1545
 Nominal Lumen (lm): 1566 / 1665 / 1743 / 1759
 CRI: >90 CRI
 Lamp Life (hrs): 50000
 Special LEDs offerings: Tunable White

OPTICAL

Reflector°: 50
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

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



OIKO PRO ROUND FIXED RECESSED

A35868-

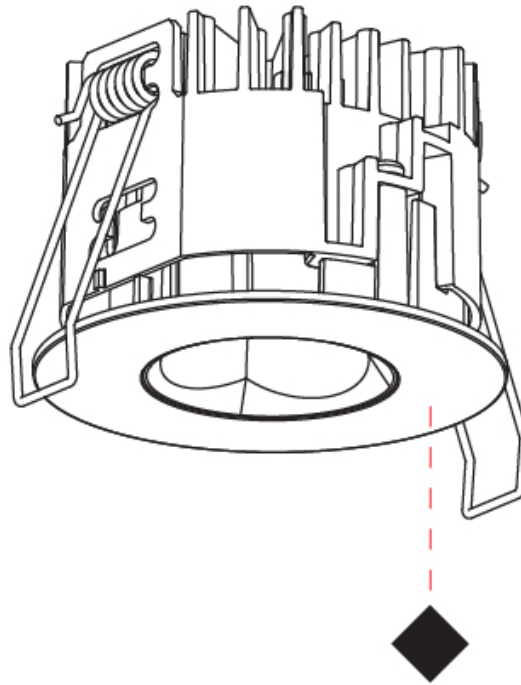
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OIKO PRO ROUND FIXED TRIMLESS

A35879-

base number	Color	Finishes	Lens
	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: Oiko Pro Round
Subseries: Oiko Pro Round Fixed
Partner: Prolicht
Division: Architectural
Installation: Trimless
Product Type: Downlight
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
Shape: Round
Diameter (mm): 75
Diameter (in): 2 ¹⁵ / ₁₆
Height (mm): 51
Height (in): 2
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): 60
Min. Recessing Depth (in): 2 ³ / ₈
Diffuser: Lens Pack - Spread Lens / Linear Spread Lens / Honeycomb Louver
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: Aluminum Die Cast
Cut-out Measurements: 68mm / 2 11/16" Diameter

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 15
Total Output Wattage (W): 13.6
Dimming: Tri-Mode (Non-Dimming and Phase Dimming (120Vac only) and 0-10V Dimming)
Driver Included: No
Driver Location: Recessed Housing
Driver Type: Constant Current - Universal
Driver Class: Class 2
Input Voltage (V): 120 - 277
Constant Current (MA): 350

LED

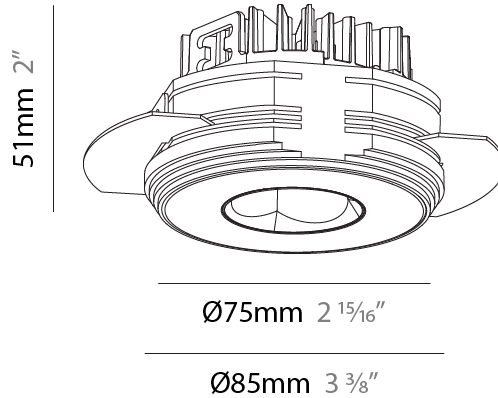
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1375 / 1462 / 1531 / 1545
Nominal Lumen (lm): 1566 / 1665 / 1743 / 1759
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

Reflector°: 50
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

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



OIKO PRO ROUND FIXED TRIMLESS

A35879-

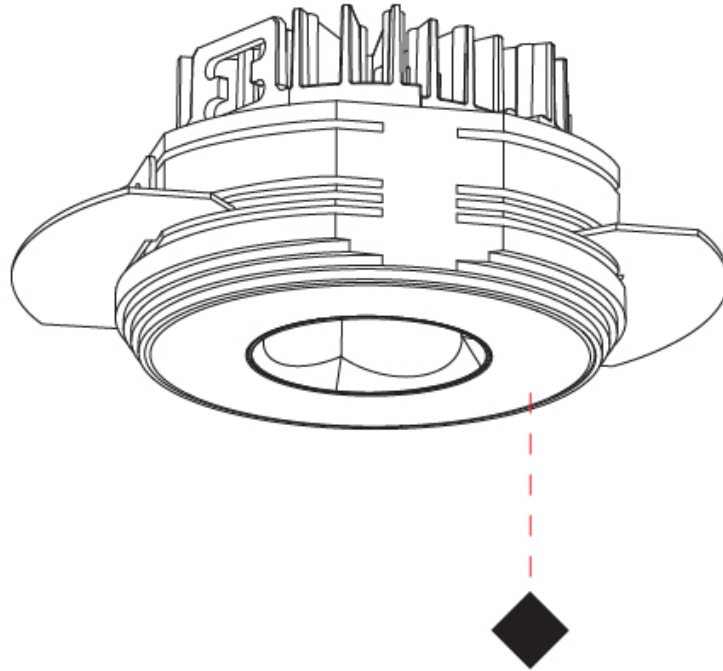
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OIKO PRO ROUND SURFACE

A3D232-

base number	LED Dimming	Color Temperature	Finishes (Diamond)	Finishes (Triangle)
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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: Oiko Pro Round
Partner: Prolicht
Division: Architectural
Installation: Surface
Product Type: Ceiling Surface
Mounting Location: Ceiling
Light Distribution: Downlight

PHYSICAL

Aperture Sizes - Downlights: 1"
Shape: Cylinder
Diameter (mm): 75
Diameter (in): 2 ¹⁵ / ₁₆
Height (mm): 125
Height (in): 4 ¹⁵ / ₁₆
Weight (kg): 0.452
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: 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

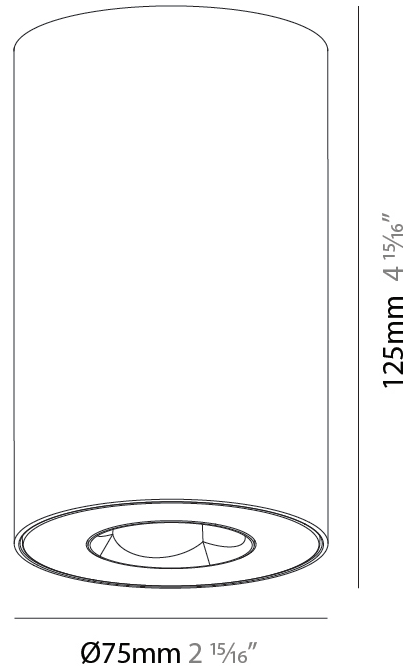
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 1293 / 1289 / 1350 / 1362
Nominal Lumen (lm): 1473 / 1468 / 1538 / 1552
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

Reflector: 50
Adjustability: Fixed

RATINGS AND CERTIFICATIONS

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



OIKO PRO ROUND SURFACE

A3D232-

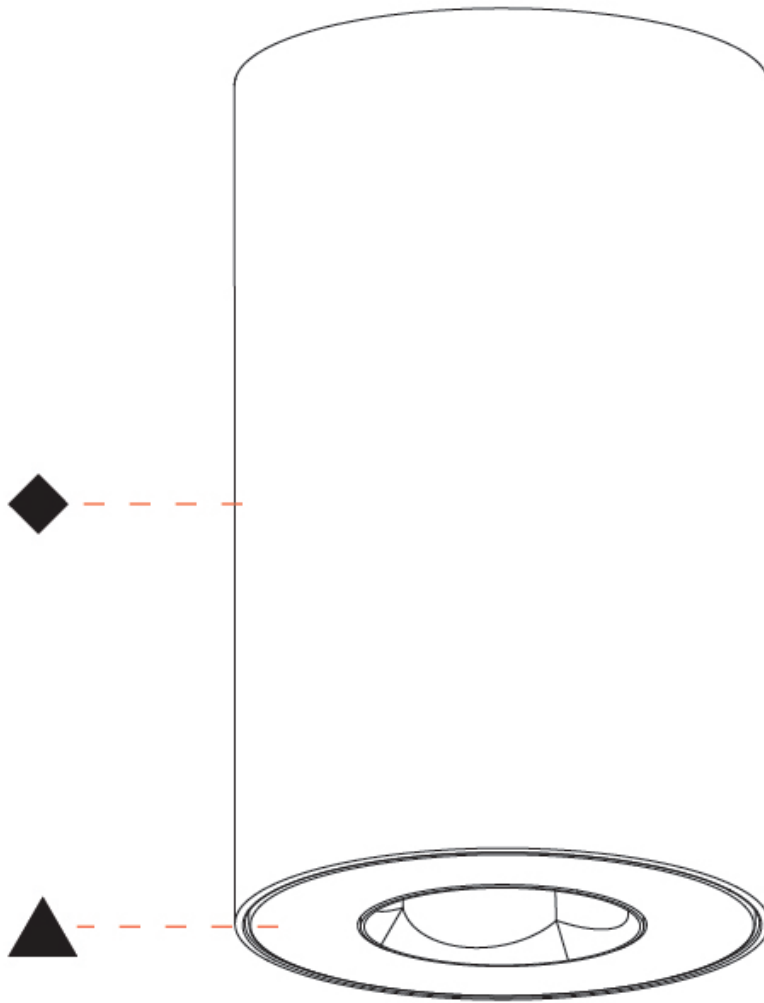
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QUANTITY

DATE



OIKO PRO ROUND COLOR FINISH CHART

PROJECT
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SPECIFIER
QUANTITY
DATE

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.



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)