

OIKO PRO ROUND HO RECESSED

A35838-

base number

Color
Temperature

Finishes
(Diamond)

Lens
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 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): 114

Height (in): 4 1/2

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): 120

Min. Recessing Depth (in): 4 3/4

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 / GMS

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): 1936 / 2005 / 2098 / 2118

Nominal Lumen (lm): 2341 / 2424 / 2537 / 2561

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 34

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

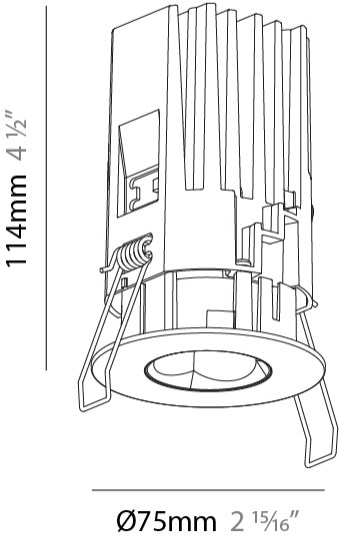
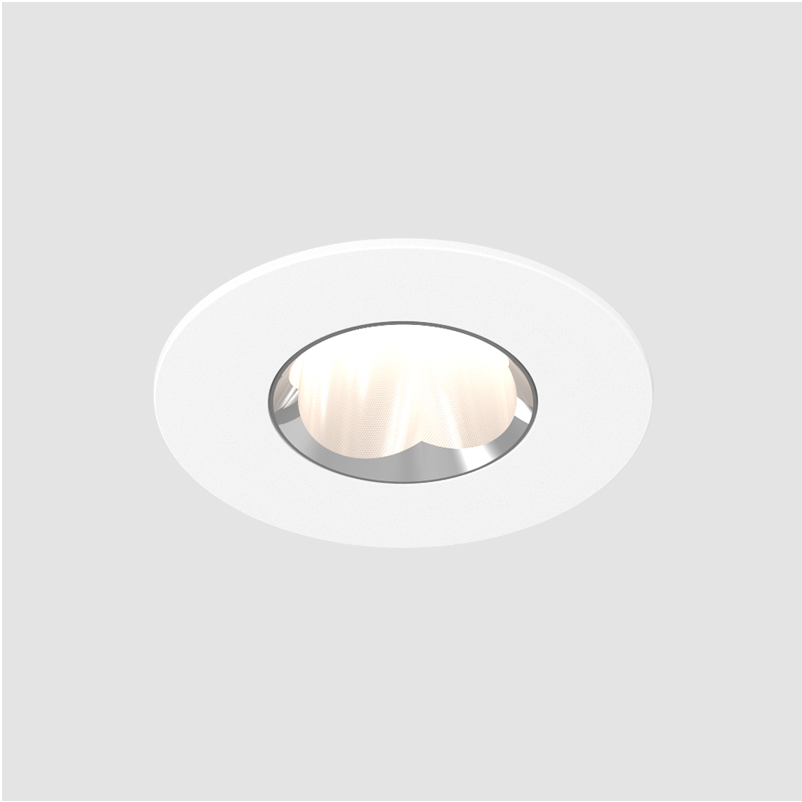
PROJECT

TYPE

SPECIFIER

QUANTITY

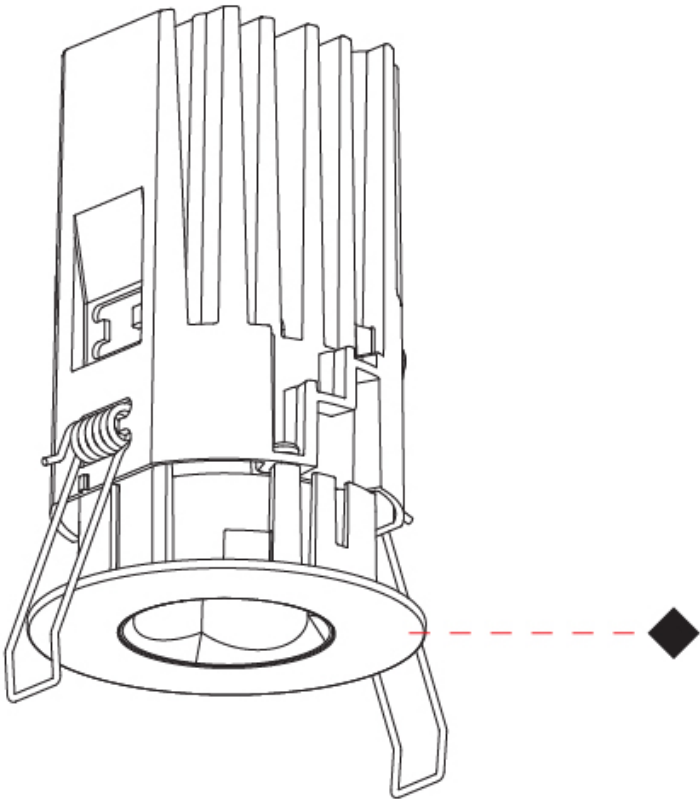
DATE



OIKO PRO ROUND HO RECESSED

A35838-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



OIKO PRO ROUND HO RECESSED

A35839-

-

-

-

base number

Color

Finishes

Lens

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: 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 / GMS

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

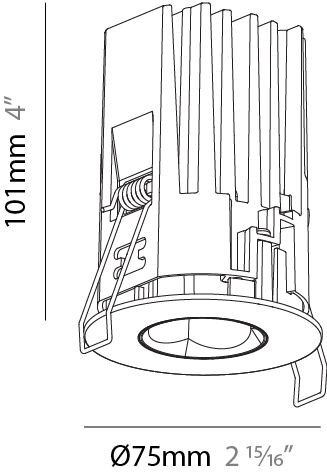
PROJECT

TYPE

SPECIFIER

QUANTITY

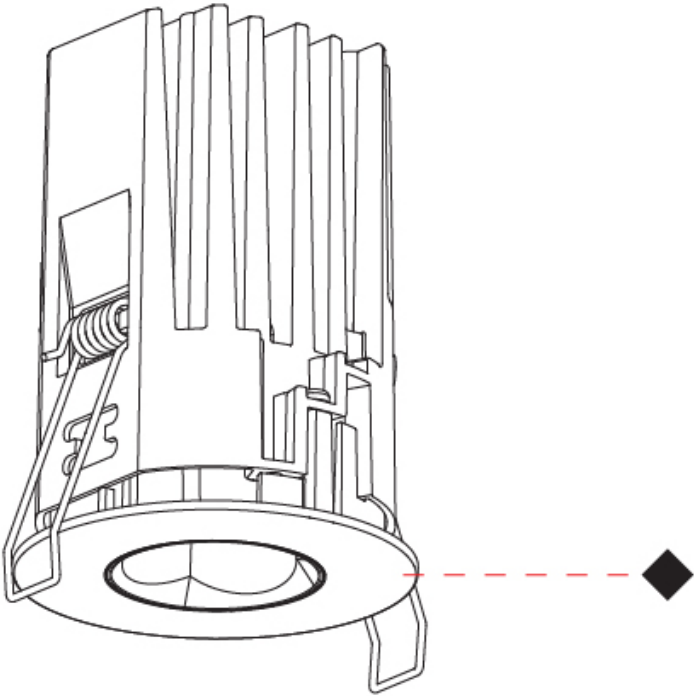
DATE



OIKO PRO ROUND HO RECESSED

A35839-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



OIKO PRO ROUND HO RECESSED

A35840-

base number

Color
Temperature

Finishes
(Diamond)

Lens
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 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): 92

Height (in): 3 5/8

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): 100

Min. Recessing Depth (in): 3 15/16

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 / GMS

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): 2189 / 2267 / 2372 / 2394

Nominal Lumen (lm): 2341 / 2424 / 2537 / 2561

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 60

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP20

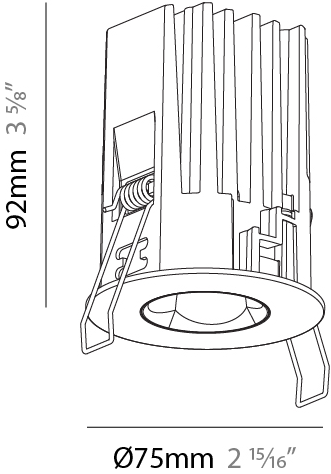
PROJECT

TYPE

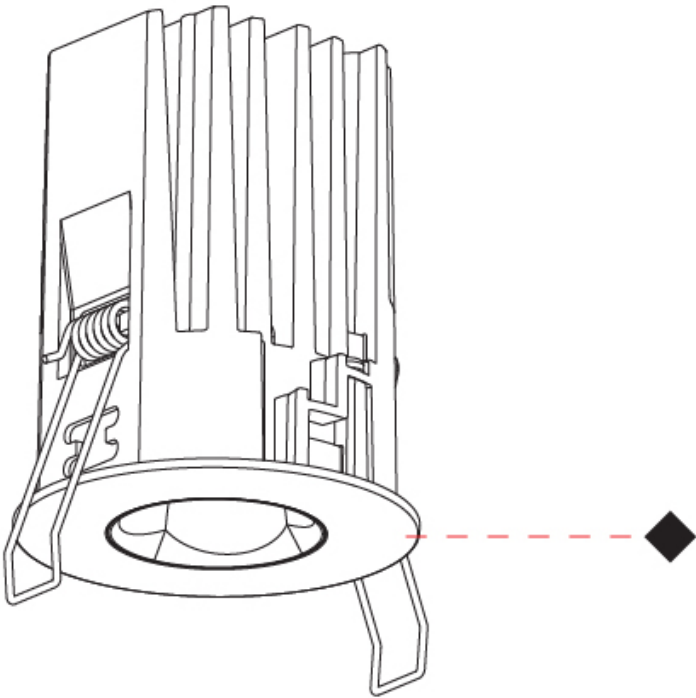
SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



OIKO PRO WALLWASH RECESSED

A35848-

-

base number

Color

Finishes

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 Round

Subseries: Oiko Pro Wallwash

Partner: Prolicht

Division: Architectural

Installation: Recessed

Product Type: Wallwash

Mounting Location: Ceiling

Light Distribution: Wallwash

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): 1 - 25

Ceiling Thickness (in): 1/16 - 1 3/16

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 / GMS

Fixture Material: Aluminum Die Cast

Cut-out Measurements: D. - 68mm / 2 11/16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 23.6

Total Output Wattage (W): 21.5

Dimming: Non-Dimming / 0-10V Dimming / Phase Dimming / DALI Dimming / MATTER 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): 500mA

LED

Number of LEDs: 1

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

Max. Delivered Lumen (lm): 1863 / 1930 / 2020 / 2038

Nominal Lumen (lm): 2341 / 2424 / 2537 / 2561

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP54

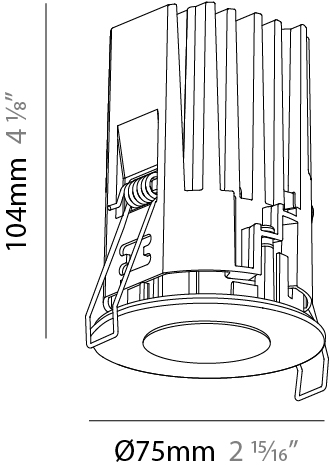
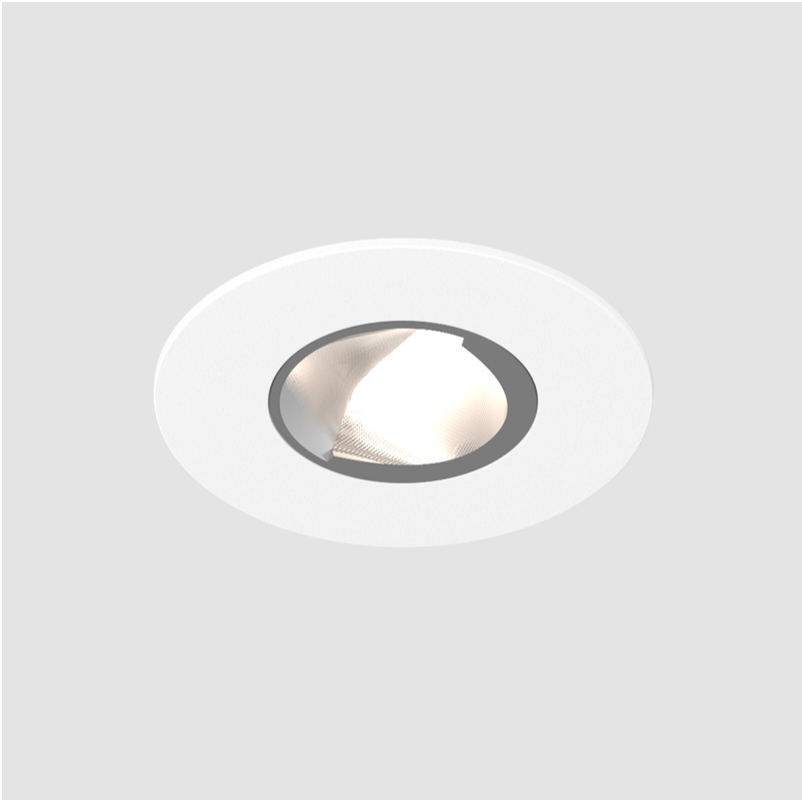
PROJECT

TYPE

SPECIFIER

QUANTITY

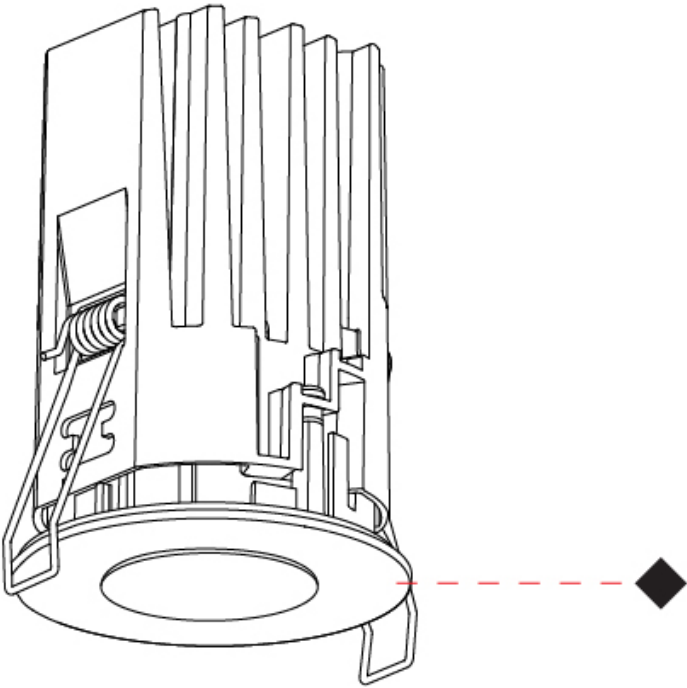
DATE



OIKO PRO WALLWASH RECESSED

A35848-

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



OIKO PRO IP54 RECESSED

A35849- -

base number

Color

Finishes

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 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): 117

Height (in): 4 5⁄8

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): 125

Min. Recessing Depth (in): 4 15⁄16

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 / GMS

Fixture Material: Aluminum Die Cast

Cut-out Measurements: D. - 68mm / 2 11⁄16"

ELECTRICAL

Lamp Type: LED (Zhaga Standard)

Input Wattage (W): 20

Total Output Wattage (W): 18.1

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): 1218 / 1312 / 1391 / 1392

Nominal Lumen (lm): 1668 / 1797 / 1905 / 1907

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 16

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP54

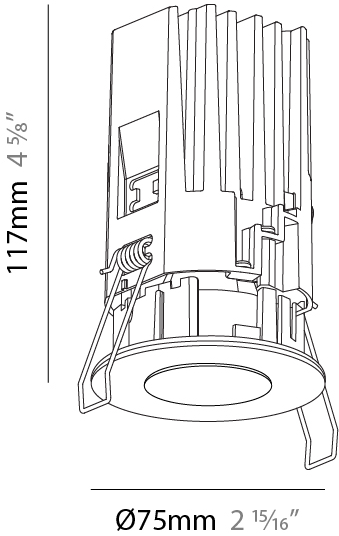
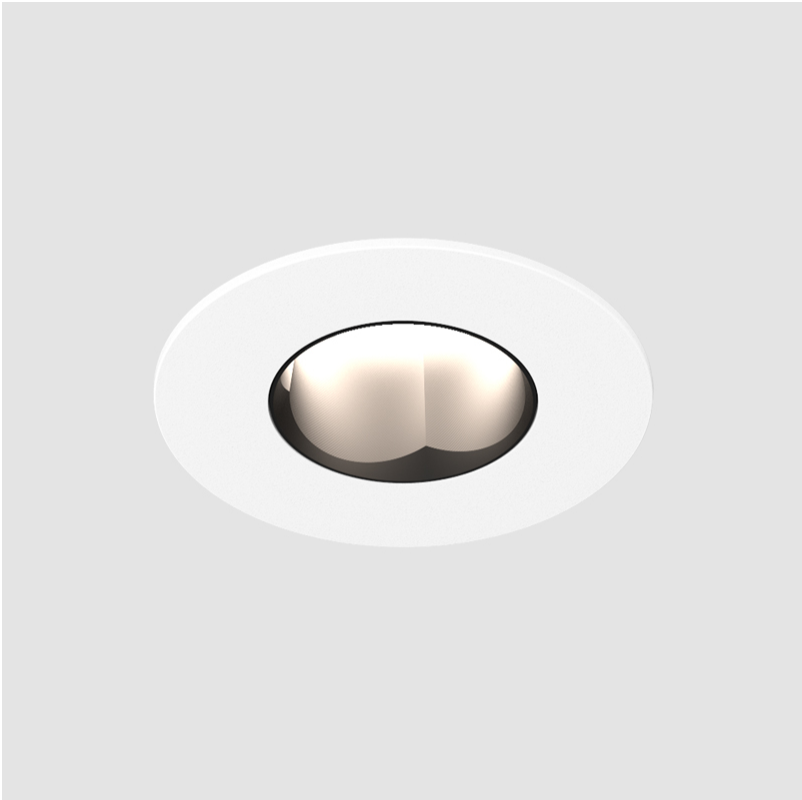
PROJECT

TYPE

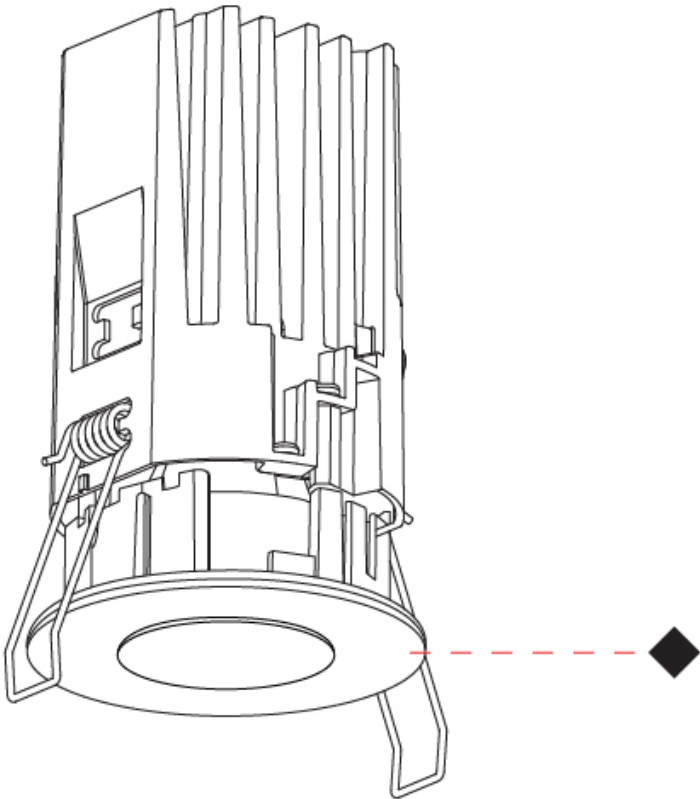
SPECIFIER

QUANTITY

DATE



PROJECT	
TYPE	
SPECIFIER	
QUANTITY	
DATE	



OIKO PRO IP54 RECESSED

A35850- -

base number	Color	Finishes
	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 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): 118

Height (in): 4 5/8

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): 125

Min. Recessing Depth (in): 4 15/16

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 / GMS

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): 1873 / 1939 / 2030 / 2049

Nominal Lumen (lm): 2341 / 2424 / 2537 / 2561

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

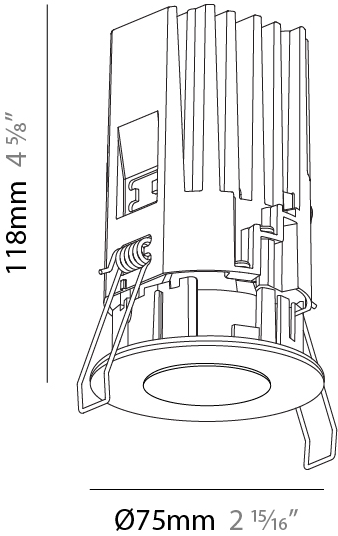
Reflector°: 36

RATINGS AND CERTIFICATIONS

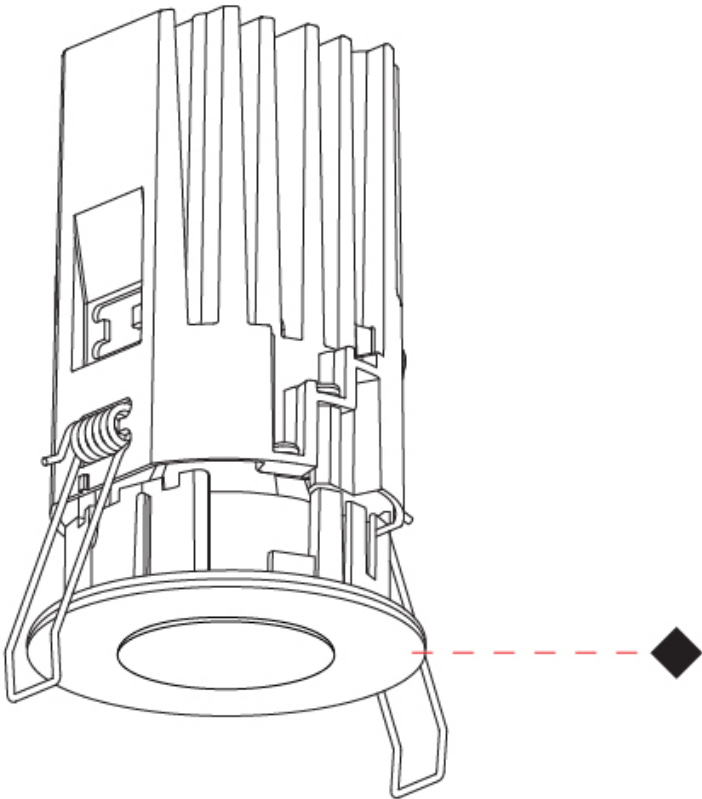
Certified By: Certified for North American Standards

IP rating: IP54

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



OIKO PRO IP54 RECESSED

A35851-

-

base number

Color

Finishes

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 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 / GMS

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

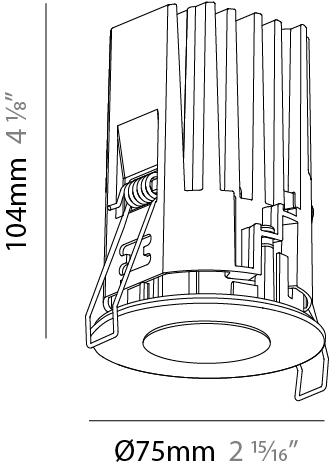
PROJECT

TYPE

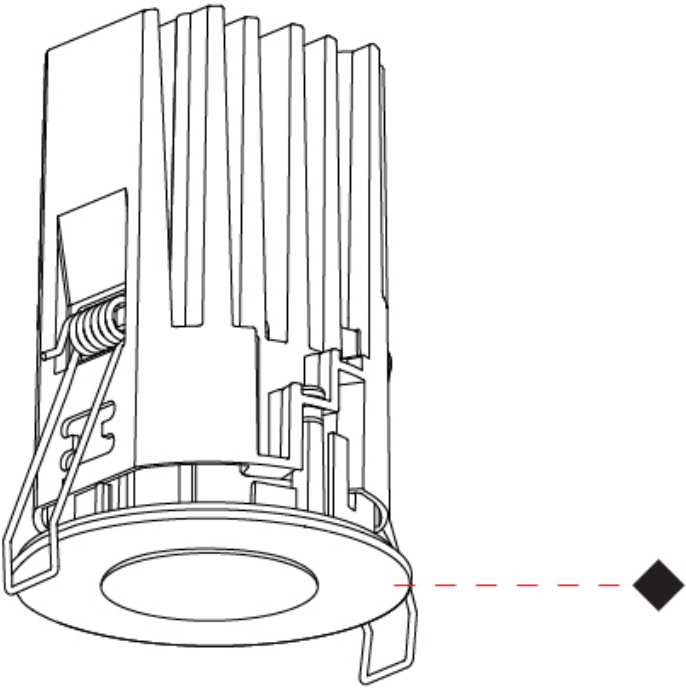
SPECIFIER

QUANTITY

DATE



PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



OIKO PRO IP54 RECESSED

A35852-

-

base number

Color

Finishes

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 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): 95

Height (in): 3 3/4

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): 100

Min. Recessing Depth (in): 3 15/16

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 / GMS

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

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): 2076 / 2150 / 2251 / 2272

Nominal Lumen (lm): 2341 / 2424 / 2537 / 2561

CRI: >90 CRI

Lamp Life (hrs): 50000

OPTICAL

Reflector°: 60

RATINGS AND CERTIFICATIONS

Certified By: Certified for North American Standards

IP rating: IP54

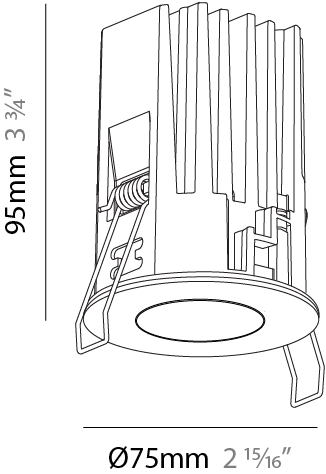
PROJECT

TYPE

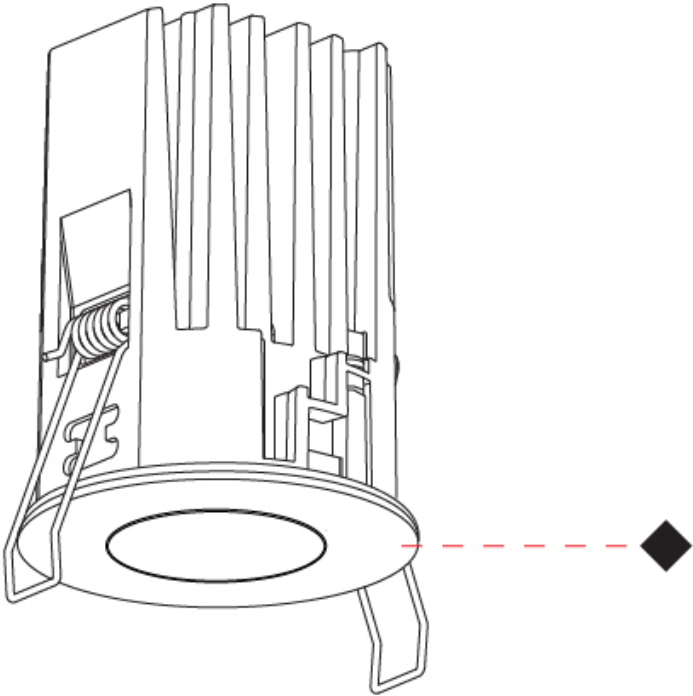
SPECIFIER

QUANTITY

DATE



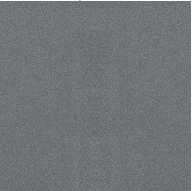
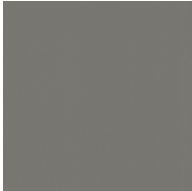
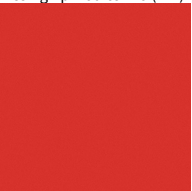
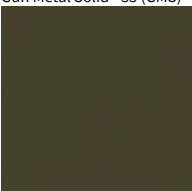
PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



OIKO PRO ROUND
COLOR FINISH CHART

PROJECT	
TYPE	
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) 	Gun Metal Solid - 33 (GMS) 		

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
	dimnable 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)