

STUDIO COLLECTION 1 SUSPENSION

A300800-

base number Color Temperature Finishes (Diamond) Finishes (Triangle) Finish Options Beam Angle Options Cable Color/Length

- 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: Studio Collection
 Subseries: Studio Collection 1
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Cylinder
 Diameter (mm): 35
 Diameter (in): 1 3/8
 Height (mm): 150
 Depth (mm): 45
 Height (in): 5 7/8
 Depth (in): 1 3/4
 Weight (kg): 0.38
 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
 Accent Finish: ALU / PBR
 Fixture Material: Extruded Aluminum
 Cut-out Measurements: 45mm/1 3/4" Diameter

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 6
 Total Output Wattage (W): 5.4
 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
 Housing: ENCP3
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 310 / 328 / 347 / 356
 Nominal Lumen (lm): 460 / 487 / 514 / 528
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 32 / 58

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP40

PROJECT
TYPE
SPECIFIER
QUANTITY
DATE



STUDIO COLLECTION 1 SUSPENSION

A300800-

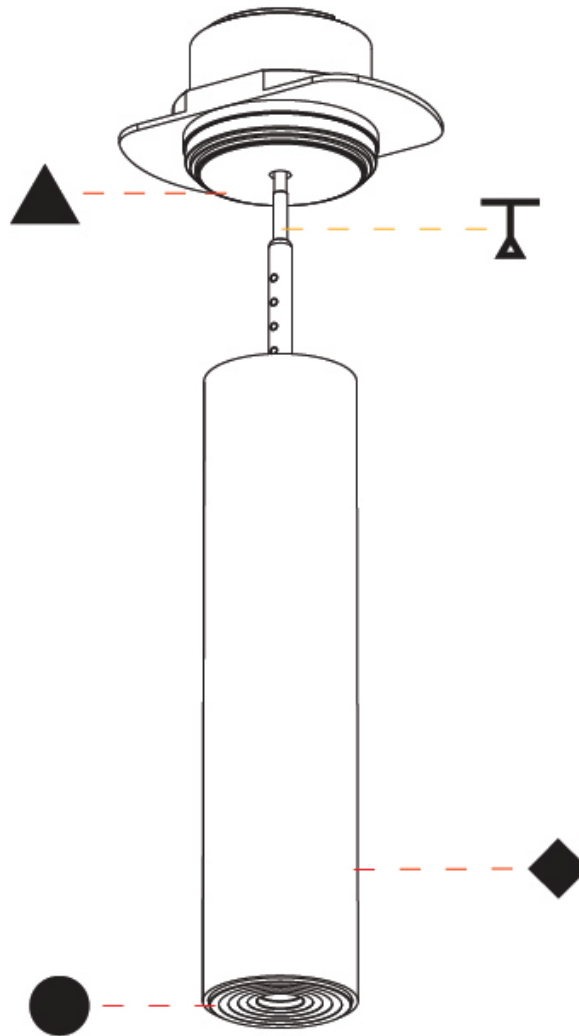
PROJECT

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SPECIFIER

QUANTITY

DATE



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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

STUDIO COLLECTION 1 SUSPENSION

A300801-

base number Color Temperature Finishes (Diamond) Finishes (Triangle) Finish Options Beam Angle Options Cable Color/Length

- 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: Studio Collection
 Subseries: Studio Collection 1
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Cylinder
 Diameter (mm): 35
 Diameter (in): 1 3/8
 Height (mm): 150
 Depth (mm): 45
 Height (in): 5 7/8
 Depth (in): 1 3/4
 Weight (kg): 0.38
 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
 Accent Finish: ALU / PBR
 Fixture Material: Extruded Aluminum
 Cut-out Measurements: 45mm/1 3/4" Diameter

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 6
 Total Output Wattage (W): 5.4
 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
 Housing: ENCP3
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 310 / 328 / 347 / 356
 Nominal Lumen (lm): 460 / 487 / 514 / 528
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 32 / 58

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP40



STUDIO COLLECTION 1 SUSPENSION

A300801-

PROJECT

TYPE

SPECIFIER

QUANTITY

DATE



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STUDIO COLLECTION 1 SUSPENSION

A300802-

base number Color Temperature Finishes (Diamond) Finishes (Triangle) Finish Options Beam Angle Options Cable Color/Length

- 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: Studio Collection
 Subseries: Studio Collection 1
 Partner: Prolicht
 Division: Architectural
 Installation: Suspension
 Product Type: Pendant
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Cylinder
 Diameter (mm): 35
 Diameter (in): 1 3/8
 Height (mm): 150
 Depth (mm): 45
 Height (in): 5 7/8
 Depth (in): 1 3/4
 Weight (kg): 0.38
 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
 Accent Finish: ALU / PBR
 Fixture Material: Extruded Aluminum
 Cut-out Measurements: 45mm/1 3/4" Diameter

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 6
 Total Output Wattage (W): 5.4
 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
 Housing: ENCP3
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 310 / 328 / 347 / 356
 Nominal Lumen (lm): 460 / 487 / 514 / 528
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 32 / 58

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP40

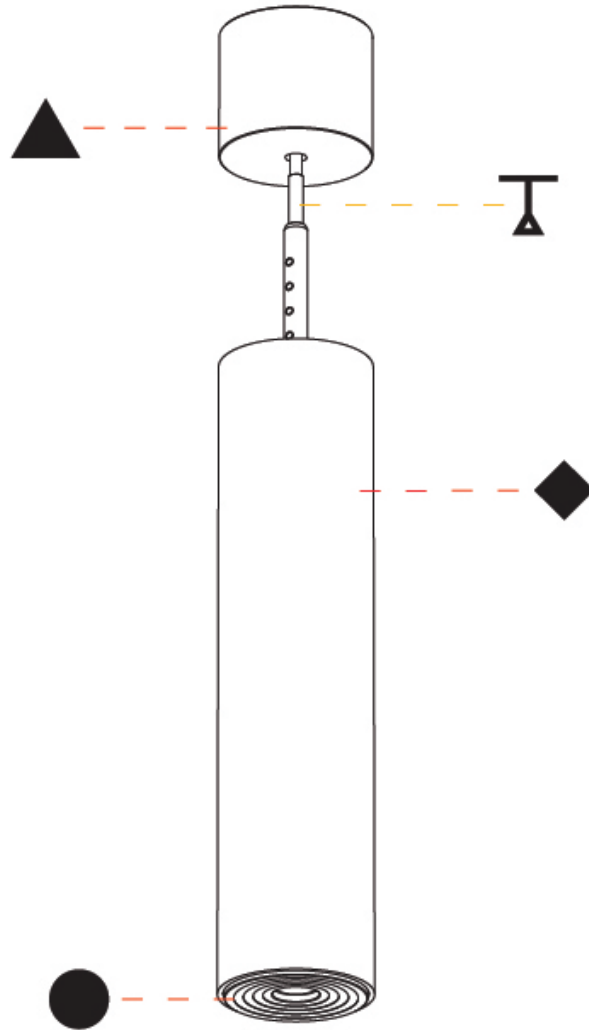
PROJECT
TYPE
SPECIFIER
QUANTITY
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STUDIO COLLECTION 1 SUSPENSION

A300802-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



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PROJECT
TYPE
SPECIFIER
QUANTITY
DATE

STUDIO COLLECTION 1 SURFACE

A33303-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finish Options	Beam Angle 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: Studio Collection
 Subseries: Studio Collection 1
 Partner: Prolicht
 Division: Architectural
 Installation: Surface
 Product Type: Wall Surface
 Mounting Location: Wall
 Light Distribution: Direct / Indirect

PHYSICAL

Shape: Cylinder
 Diameter (mm): 35
 Diameter (in): 1 3/8
 Height (mm): 150
 Height (in): 5 7/8
 Weight (kg): 0.338
 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
 Accent Finish: ALU / PBR
 Fixture Material: Extruded Aluminum
 Cut-out Measurements: 19mm/3/4" Diameter

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: No
 Driver Location: Remote
 Driver Type: Constant Current - Universal
 Driver Class: Class 2
 Input Voltage (V): 120 - 277
 Constant Current (MA): 500

LED

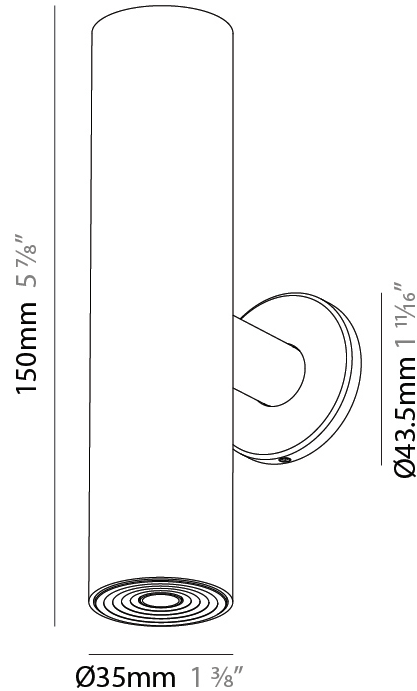
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 640 / 677 / 715 / 734
 Nominal Lumen (lm): 920 / 974 / 1028 / 1056
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 32 / 58

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP40



A33303-

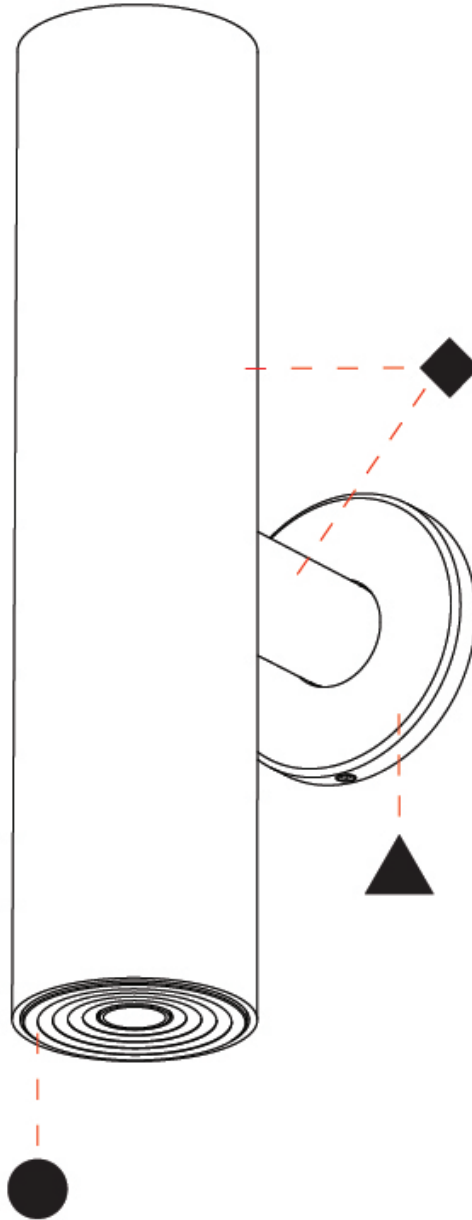
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



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PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

STUDIO COLLECTION 1 RECESSED

A350126-

base number Color Temperature Finish Options Beam Angle 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: Studio Collection
 Subseries: Studio Collection 1
 Partner: Prolicht
 Division: Architectural
 Installation: Recessed
 Product Type: Downlight
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Round
 Diameter (mm): 35
 Diameter (in): 1 3/8
 Height (mm): 76
 Height (in): 3
 Ceiling Thickness (mm): 1 - 30
 Ceiling Thickness (in): 1/16 - 1 3/16
 Min. Recessing Depth (mm): 70
 Min. Recessing Depth (in): 2 3/4
 Weight (kg): 0.057
 Fixture Finish: [ALU / PBR](#)
 Fixture Material: Extruded Aluminum
 Cut-out Measurements: 32mm/1 1/4" Diameter

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 6
 Total Output Wattage (W): 5.4
 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

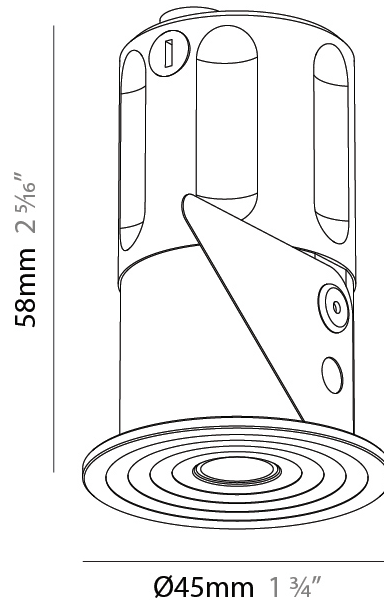
Color Temperature (*K): [2700 / 3000 / 3500 / 4000](#)
 Max. Delivered Lumen (lm): 242 / 256 / 270 / 277
 Nominal Lumen (lm): 382 / 405 / 427 / 438
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: [34 / 52](#)

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP40



STUDIO COLLECTION 1 RECESSED

A350126-

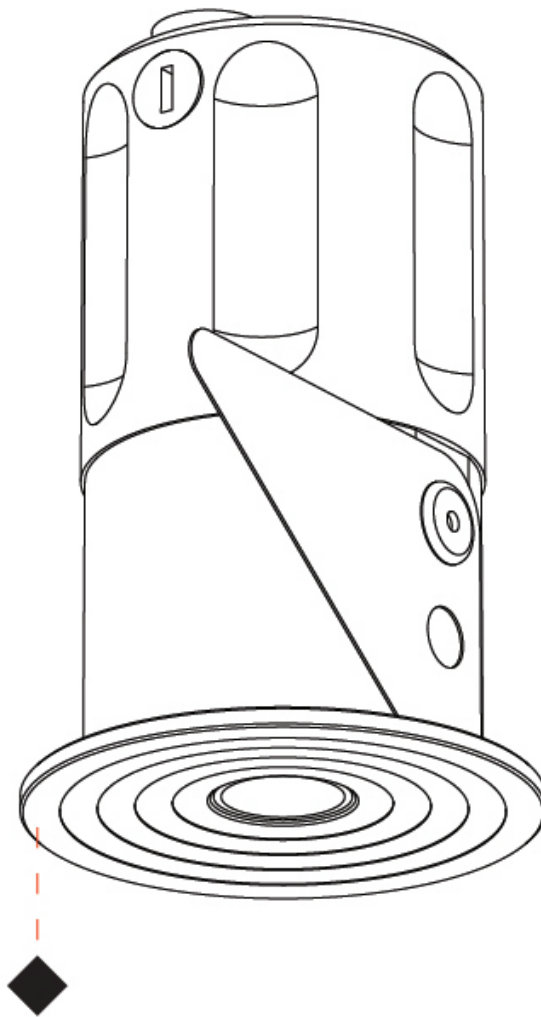
PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____



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STUDIO COLLECTION 1 TRIMLESS

A350128-

base number Color Temperature Finishes (Diamond) Finishes (Triangle) Finish Options Finishes (Circle) Beam Angle 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: Studio Collection
 Subseries: Studio Collection 1
 Partner: Prolicht
 Division: Architectural
 Installation: Trimless
 Product Type: Spots
 Mounting Location: Ceiling
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 35
 Diameter (in): 1 3/8"
 Height (mm): 76
 Height (in): 3
 Ceiling Thickness (mm): 10 - 30
 Ceiling Thickness (in): 3/8 - 1 3/16
 Min. Recessing Depth (mm): 40
 Min. Recessing Depth (in): 1 9/16
 Weight (kg): 0.157
 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
 Accent Finish: ALU / PBR
 Fixture Material: Extruded Aluminum
 Cut-out Measurements: 45mm/1 3/4" Diameter

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 6
 Total Output Wattage (W): 5.4
 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): 500

LED

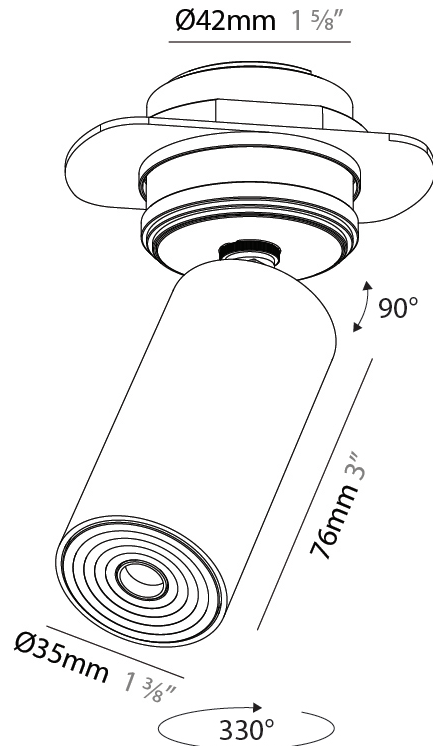
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
 Max. Delivered Lumen (lm): 235 / 252 / 316 / 270
 Nominal Lumen (lm): 372 / 399 / 500 / 427
 CRI: >90 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 34 / 52
 Adjustability: Rotational 330°; Tilt 90°

RATINGS AND CERTIFICATIONS

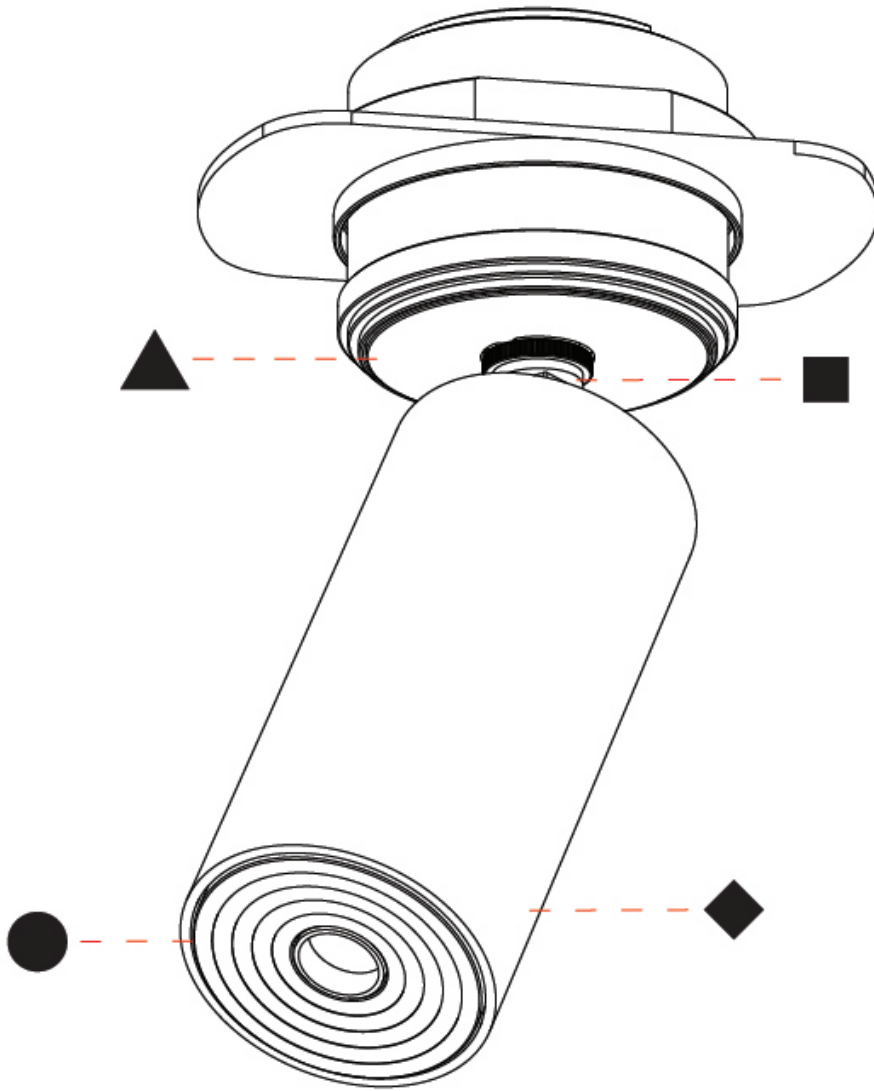
Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP40



STUDIO COLLECTION 1 TRIMLESS

A350128-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



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PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

STUDIO COLLECTION 1 RECESSED

A350129-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finish Options	Finishes (Circle)	Beam Angle 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: Studio Collection
Subseries: Studio Collection 1
Partner: Prolicht
Division: Architectural
Installation: Recessed
Product Type: Spots
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
Shape: Cylinder
Diameter (mm): 35
Diameter (in): 1 3/8"
Height (mm): 76
Height (in): 3
Min. Recessing Depth (mm): 40
Min. Recessing Depth (in): 1 9/16"
Weight (kg): 0.157
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
Accent Finish: ALU / PBR
Fixture Material: Extruded Aluminum
Cut-out Measurements: 45mm/1 3/4" Diameter

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6
Total Output Wattage (W): 5.4
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): 500

LED

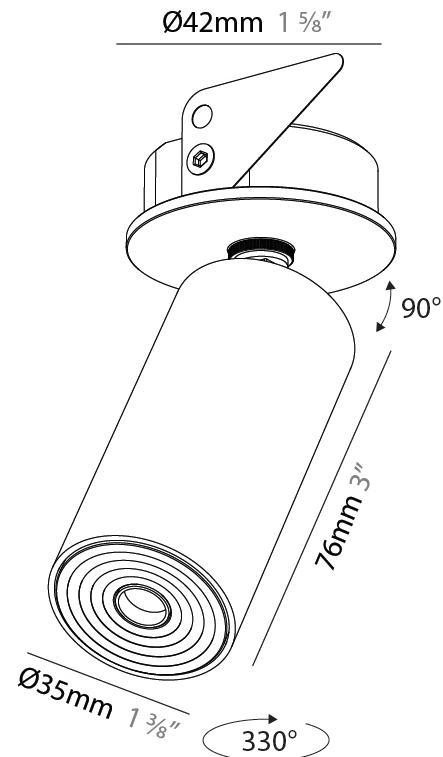
Color Temperature (*K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 235 / 252 / 316 / 270
Nominal Lumen (lm): 372 / 399 / 500 / 427
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 34 / 52
Adjustability: Rotational 330°; Tilt 90°

RATINGS AND CERTIFICATIONS

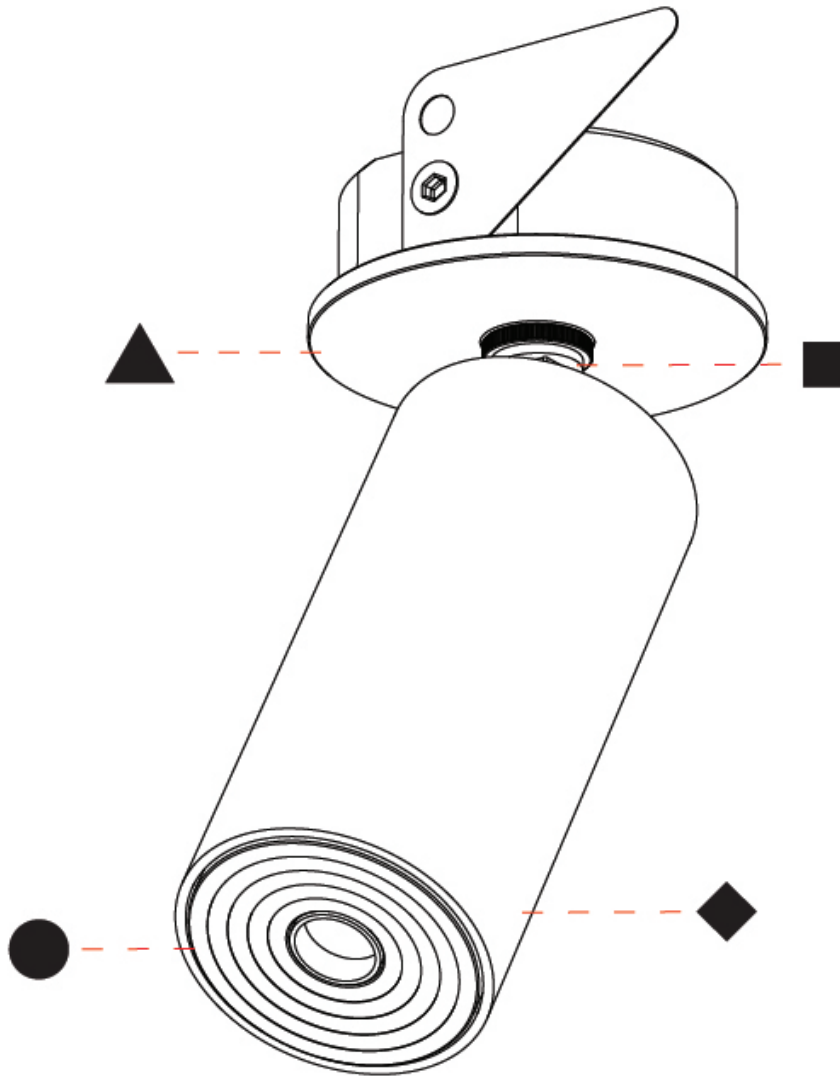
Certified By: CSA Certified to UL and CSA Standards
IP rating: IP40



STUDIO COLLECTION 1 RECESSED

A350129-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



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PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

STUDIO COLLECTION 1 SURFACE

A3D375-

base number	Color Temperature	Finishes (Diamond)	Finishes (Triangle)	Finish Options	Finishes (Circle)	Beam Angle 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: Studio Collection
Subseries: Studio Collection 1
Partner: Prolicht
Division: Architectural
Installation: Surface
Product Type: Ceiling Surface
Mounting Location: Ceiling
Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
Shape: Cylinder
Diameter (mm): 35
Diameter (in): 1 3/8"
Height (mm): 76
Height (in): 3
Weight (kg): 0.147
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
Accent Finish: ALU / PBR
Fixture Material: Extruded Aluminum
Cut-out Measurements: er

ELECTRICAL

Lamp Type: LED (Zhaga Standard)
Input Wattage (W): 6
Total Output Wattage (W): 5.4
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
Housing: ENCP3
Input Voltage (V): 120 - 277
Constant Current (MA): 500

LED

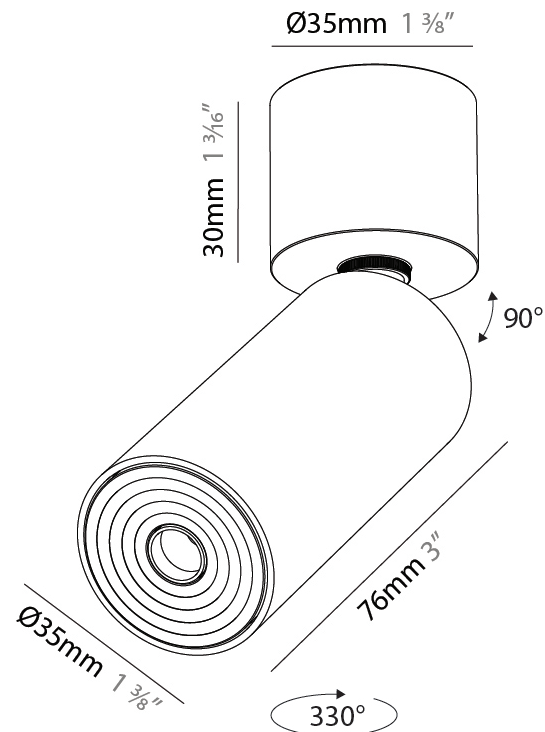
Color Temperature (°K): 2700 / 3000 / 3500 / 4000
Max. Delivered Lumen (lm): 235 / 252 / 316 / 270
Nominal Lumen (lm): 372 / 399 / 500 / 427
CRI: >90 CRI
Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 34 / 52
Adjustability: Rotational 330°; Tilt 90°

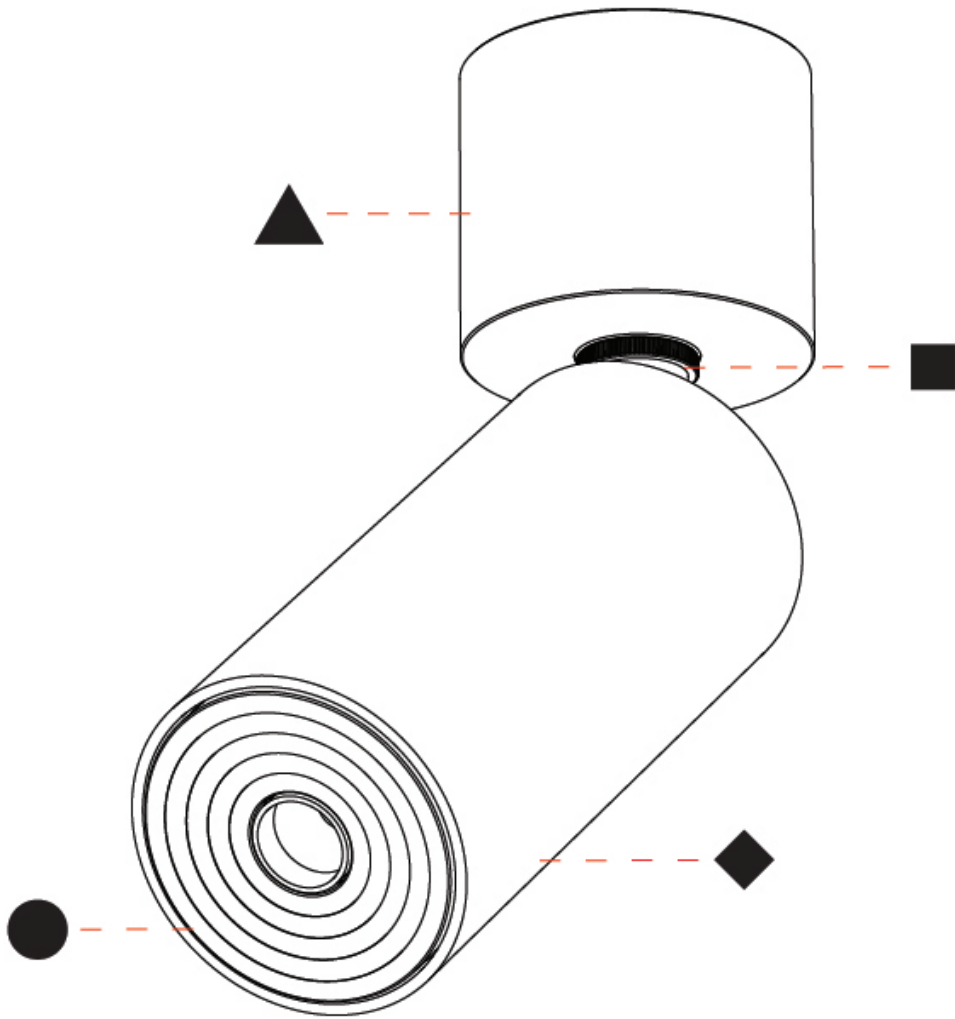
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
IP rating: IP40



A3D375-

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____



PROJECT _____

TYPE _____

SPECIFIER _____

QUANTITY _____

DATE _____

Fixture Finish

Aluminum - (ALU)



Polished Brass - (PBR)



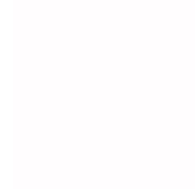
Sparkling Silver - 01 (SSR)



Black Velvet - 02 (BKV)



Crystal White - 03 (CWI)



Creamy - 04 (CRY)



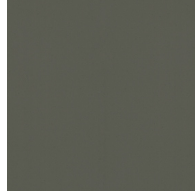
Hampton Bay - 05 (HAB)



Urban Forest - 07 (UFT)



In the Army - 08 (ITA)



Rusty Angel - 09 (RUA)



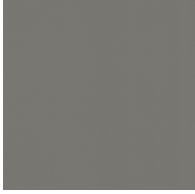
Fade to Gray - 12 (FTG)



Mysterious Gray - 13 (MYG)



Lost Dream - 15 (LOD)



Purple Sky - 16 (PUS)



Fresh Oh - 17 (FRO)



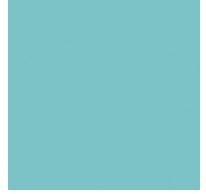
Funky P. - 18 (FUP)



Kissing Aphrodite - 19 (KIA)



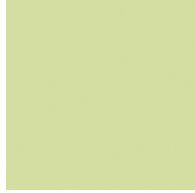
Poseidon's Paradise - 20 (POP)



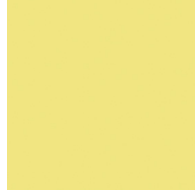
Blue Sky - 21 (BLS)



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)



STUDIO COLLECTION 1

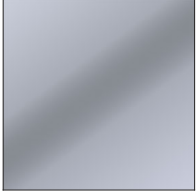
RECESSED,SURFACE,SUSPENSION,TRIMLESS

COLOR FINISH CHART

PROJECT	_____
TYPE	_____
SPECIFIER	_____
QUANTITY	_____
DATE	_____

Accent Finish

Aluminum - (ALU)



Polished Brass - (PBR)



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	 pivotable	 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

 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

 IK01	protected against 0.14 joules impact (equivalent to 0.25kg mass dropped from 56mm above the surface)
 IK02	protected against 0.2 joules impact (equivalent to 0.25kg mass dropped from 80mm above the surface)
 IK03	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)
 IK10	protected against 20 joules impact (equivalent to 5.0kg mass dropped from 400mm above the surface)