

A3JB-SUS-SYS COMPONENTS

A3T354

DESCRIPTION

Just Black System - Suspended Track Round 1,000mm

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Length (mm): 1000

Length (in): 39 ³/₈"

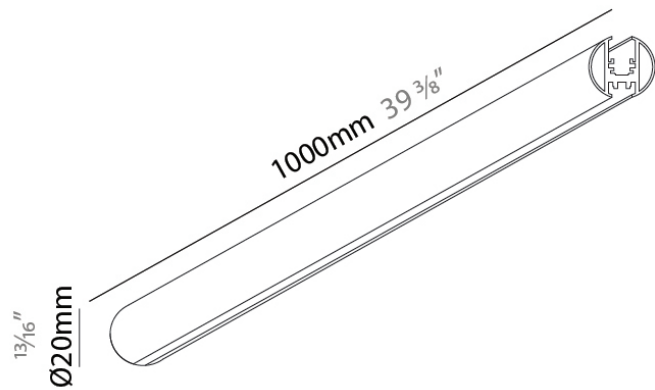
Height (mm): 20

Height (in): 13/16

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



A3JB-SUS-SYS COMPONENTS

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| PROJECT | |
| TYPE | |
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| QUANTITY | |
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A3T355

DESCRIPTION

Just Black - Suspended Track Round 2,000mm

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Length (mm): 2000

Length (in): 78 3/4

Width (mm): 20

Width (in): 13/16

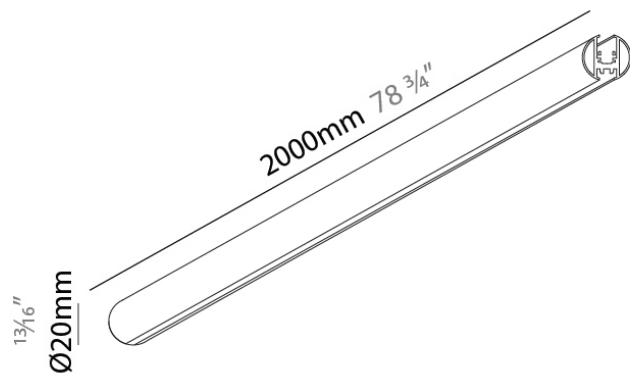
ELECTRICAL

Dimming: Non-Dimmable

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



A3JB-SUS-SYS COMPONENTS

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A3T358

DESCRIPTION

Just Black - Endcap Set 2 pieces.

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Diameter (mm): 20

Diameter (in): 13/16

Height (mm): 14

Height (in): 9/16

Fixture Finish: BLK

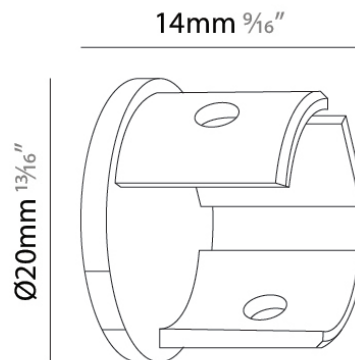
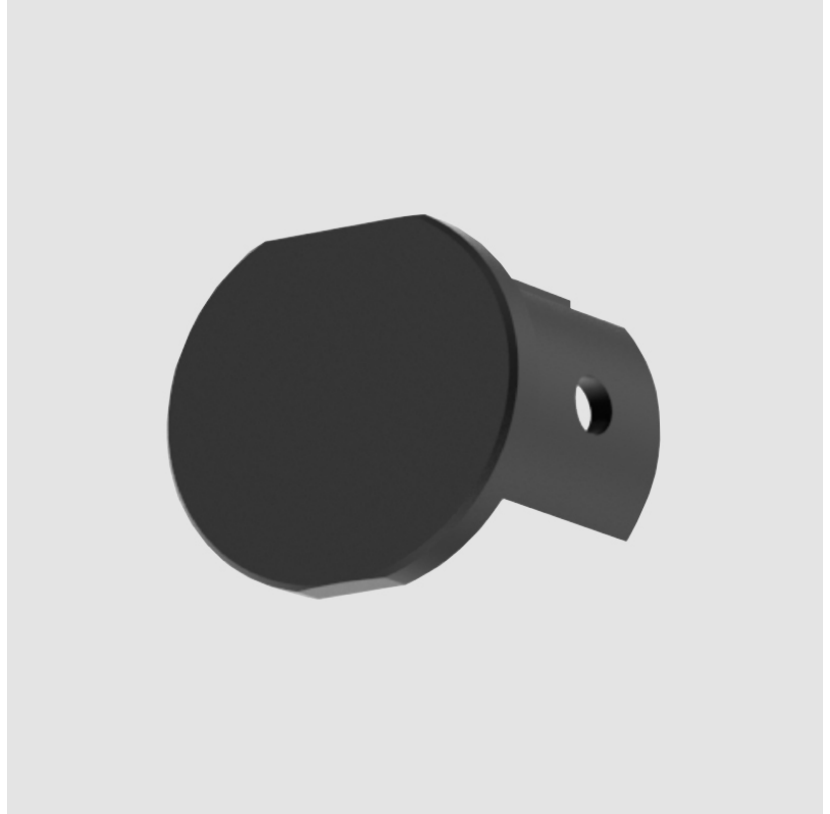
ELECTRICAL

Dimming: Non-Dimmable

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



A3JB-SUS-SYS COMPONENTS

A3T361

DESCRIPTION

Just Black System - Suspension Corner Connector 90°

GENERAL

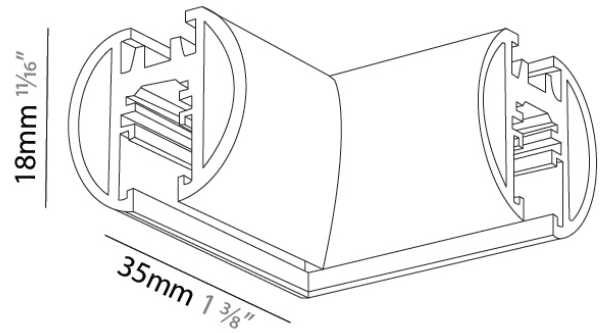
Series: Just Black System
Partner: Prolicht
Division: Architectural
Product Type: Modular Systems

PHYSICAL

Length (mm): 35
Length (in): 1 ³/₈
Width (mm): 35
Width (in): 1 ³/₈
Height (mm): 18
Height (in): 11/16
Fixture Finish: BLK

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20



A3JB-SUS-SYS COMPONENTS

PROJECT _____

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NOTES _____

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A3T364

DESCRIPTION

Just Black System - Surface/Suspension Metal Connector Plate

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Length (mm): 50

Length (in): 1 ¹⁵/₁₆

Width (mm): 3

Width (in): 1/8

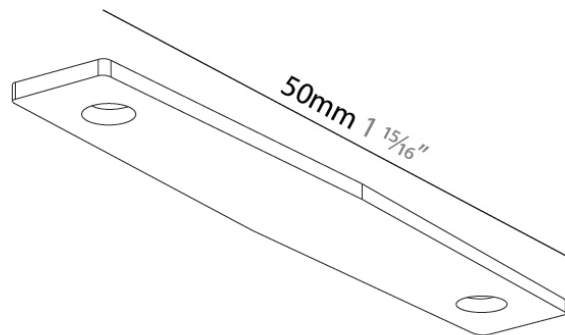
Height (mm): 9

Height (in): 3/8

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



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A3JB-SUS-SYS COMPONENTS

A3T366

DESCRIPTION

Just Black System - Suspension Track Wall Connector

GENERAL

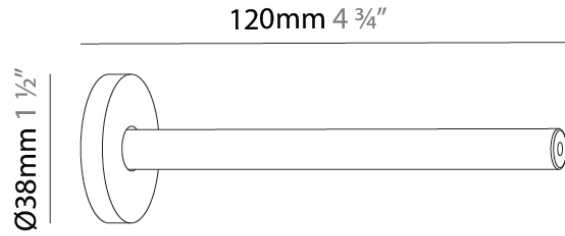
Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems

PHYSICAL

Diameter (mm): 38
 Diameter (in): 1 1/2
 Height (mm): 120
 Height (in): 4 3/4
 Fixture Finish: BLK

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



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| PROJECT | |
| TYPE | |
| NOTES | |
| QUANTITY | |
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A3JB-SUS-SYS COMPONENTS

A3T367

DESCRIPTION

Just Black System - Suspension Track Base Connector

GENERAL

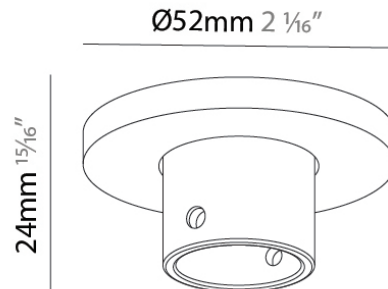
Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems

PHYSICAL

Diameter (mm): 52
 Diameter (in): 2 1/16
 Height (mm): 25
 Height (in): 1
 Fixture Finish: BLK

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS

PROJECT _____

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NOTES _____

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A3T368

DESCRIPTION

Just Black - Suspended Cable Sets 2 pieces

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

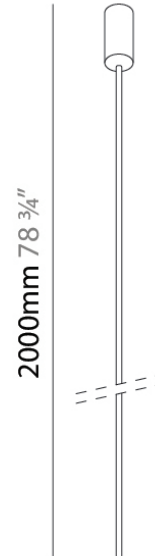
ELECTRICAL

Dimming: Non-Dimmable

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



A3JB-SUS-SYS COMPONENTS

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| PROJECT | _____ |
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| QUANTITY | _____ |
| DATE | _____ |

A3T369

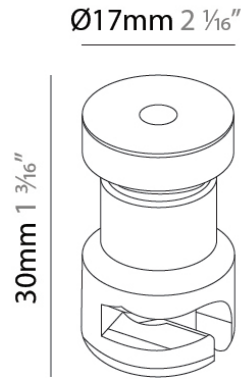
DESCRIPTION
Just Black - Wall Ceiling Cable Loop

GENERAL
Series: Just Black System
Partner: Prolicht
Division: Architectural
Product Type: Modular Systems

PHYSICAL
Diameter (mm): 17
Diameter (in): 11/16
Height (mm): 30
Height (in): 1 3/16

ELECTRICAL
Dimming: Non-Dimmable

RATINGS AND CERTIFICATIONS
Certified By: CSA Certified to UL and CSA Standards
IP rating: IP20



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| QUANTITY | _____ |
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A3JB-SUS-SYS COMPONENTS

A3T370

DESCRIPTION

Just Black - Wall Ceiling Cable Roller

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Diameter (mm): 17

Diameter (in): 11/16

Height (mm): 75

Height (in): 2 15/16

ELECTRICAL

Dimming: Non-Dimmable

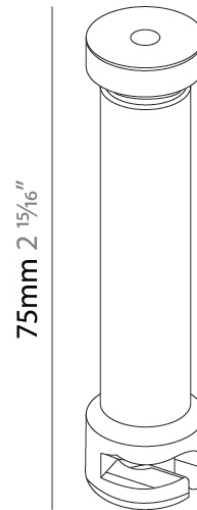
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



Ø17mm 2 1/16"



A3JB-SUS-SYS COMPONENTS

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A3T371

DESCRIPTION

Just Black - Suspended Roller

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Diameter (mm): 17

Diameter (in): 11/16

Height (mm): 80

Height (in): 3 1/8

ELECTRICAL

Dimming: Non-Dimmable

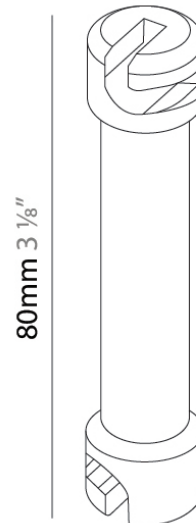
RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



Ø17mm 2 1/16"



A3JB-SUS-SYS COMPONENTS

A3T372

DESCRIPTION

Just Black - Track Midfeed

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Length (mm): 46

Length (in): 1 ¹³/₁₆

Width (mm): 10

Width (in): 3/8

Height (mm): 5

Height (in): 3/16

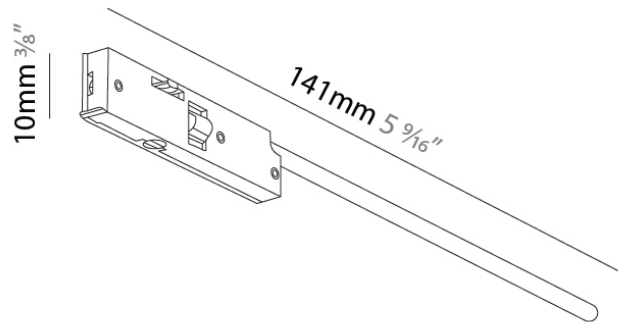
ELECTRICAL

Dimming: Non-Dimmable

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



A3JB-SUS-SYS COMPONENTS

A3T373

DESCRIPTION

Just Black - Track Flexible Connector

GENERAL

Series: Just Black System

Partner: Prolight

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Length (mm): 105

Length (in): 4 1/8

Width (mm): 5

Width (in): 3/16

Height (mm): 11

Height (in): 7/16

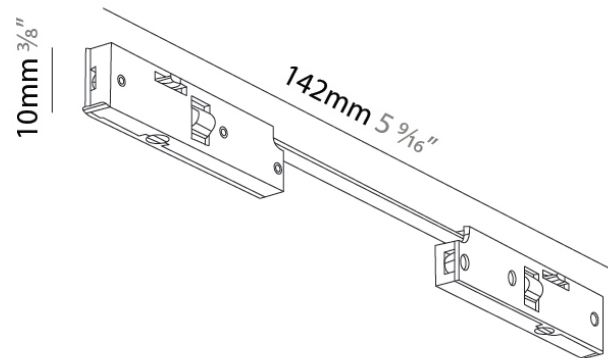
ELECTRICAL

Dimming: Non-Dimmable

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



A3JB-SUS-SYS COMPONENTS

PROJECT _____

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A3T374

DESCRIPTION

Just Black - Track Linear Connector

GENERAL

Series: Just Black System

Partner: Prolicht

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Length (mm): 68

Length (in): 2 ¹¹/₁₆

Width (mm): 5

Width (in): 3/16

Height (mm): 11

Height (in): 7/16

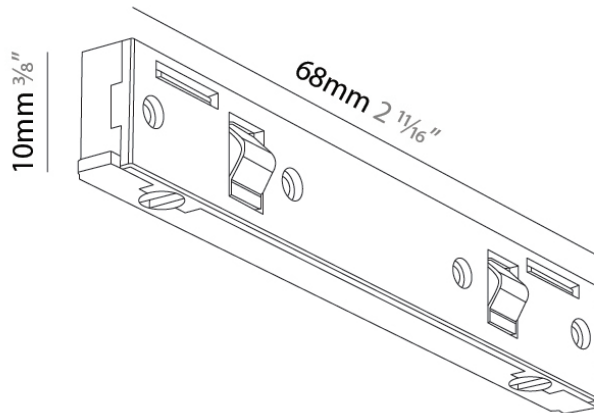
ELECTRICAL

Dimming: Non-Dimmable

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



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A3JB-SUS-SYS COMPONENTS

A3T376-

DESCRIPTION

Just Black System - Bilo Insert - LED 3.2W, 2700K / 3000K, 88lm - Dimming

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems

PHYSICAL

Shape: Sphere
 Diameter (mm): 60
 Diameter (in): 2 3/8
 Height (mm): 60
 Height (in): 2 3/8
 Diffuser: PMMA - Opal
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 3.2
 Total Output Wattage (W): 2.7
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

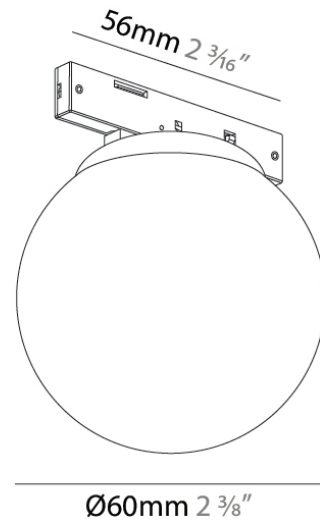
Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 41 / 88
 Nominal Lumen (lm): 93 / 200
 CRI: >92 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 180
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS

A3T377-

DESCRIPTION

Just Black System - Flexline Insert - 890mm, LED 6.8W, Max. 142lm, 2700K / 3000K - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Shape: Sphere
 Length (mm): 890
 Length (in): 35 ⁷/₁₆"
 Width (mm): 5
 Width (in): 3/16
 Height (mm): 10
 Height (in): 3/8
 Diffuser: PMMA - Opal
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 6.8
 Total Output Wattage (W): 6.4
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

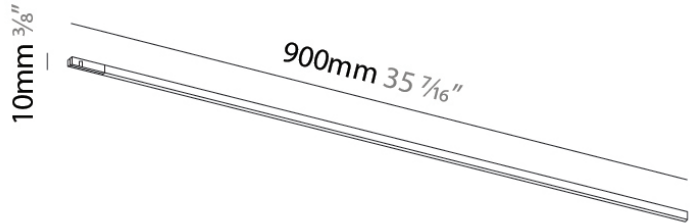
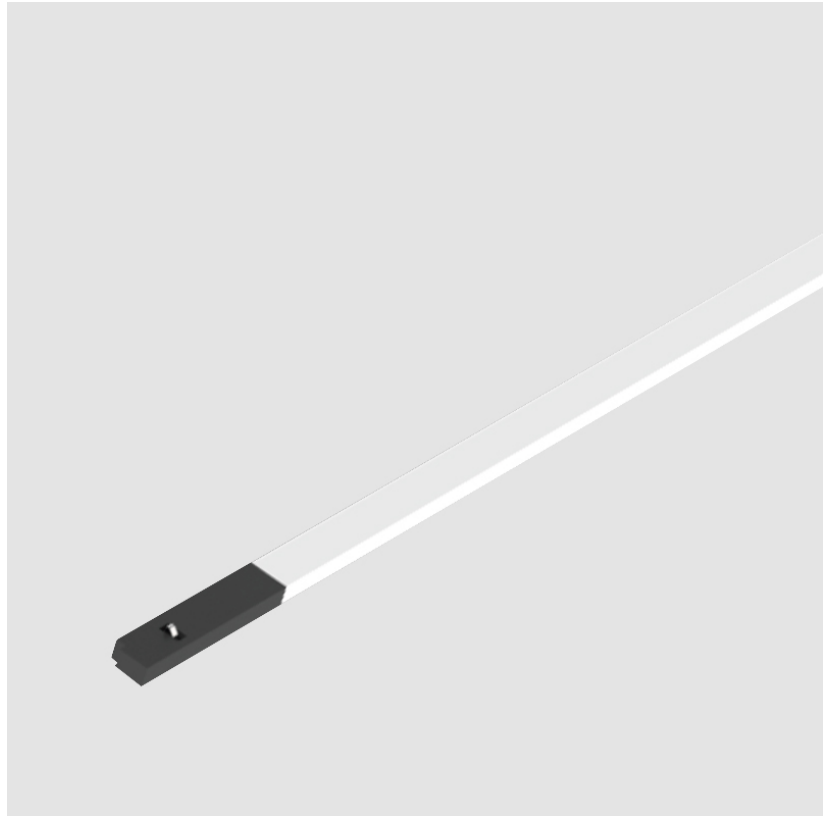
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 142 / 122
 CRI: >95 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 110
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS

A3T378-

DESCRIPTION

Just Black System - Flexline Insert - 1890mm, LED 14.5W, Max. 319lm. 2700K / 3000K - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Shape: Sphere
 Length (mm): 1890
 Length (in): 74 ⁷/₁₆
 Width (mm): 5
 Width (in): 3/16
 Height (mm): 10
 Height (in): 3/8
 Diffuser: PMMA - Opal
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 14.5
 Total Output Wattage (W): 12.7
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

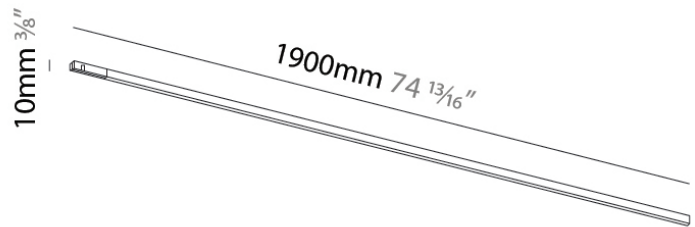
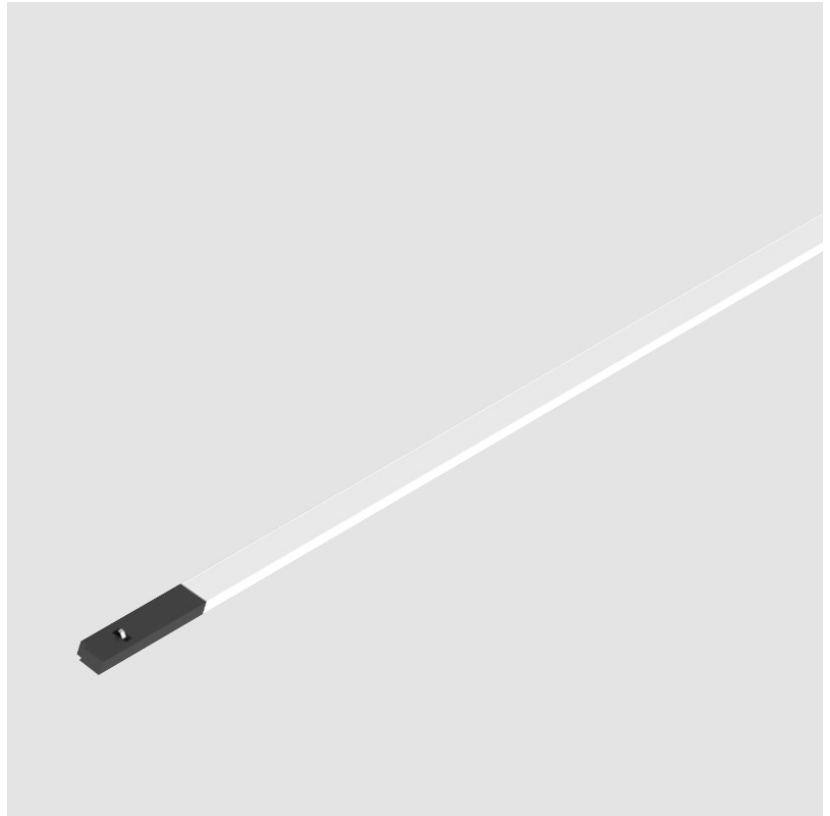
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 300 / 319
 Nominal Lumen (lm): 300
 CRI: >95 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 110
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



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A3JB-SUS-SYS COMPONENTS

A3T379-

DESCRIPTION

Just Black System - Flute Insert - LED 5.5W, 2700K / 3000K, Max.407lm - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Shape: Sphere
 Diameter (mm): 70
 Diameter (in): 2 3/4
 Height (mm): 225
 Height (in): 8 7/8
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 5.5
 Total Output Wattage (W): 5.5
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

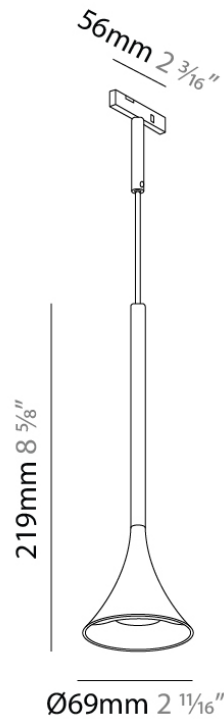
Delivered Lumen Range: 100 - 499 lm
 Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 322 / 407
 Nominal Lumen (lm): 372 / 469
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 26
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



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A3JB-SUS-SYS COMPONENTS

A3T380-

DESCRIPTION

Just Black System - Hangover Insert - LED 2.6W, 2700K / 3000K, 144lm - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Shape: Sphere
 Diameter (mm): 18
 Diameter (in): 11/16
 Height (mm): 300
 Height (in): 11 13/16
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 3
 Total Output Wattage (W): 2.8
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

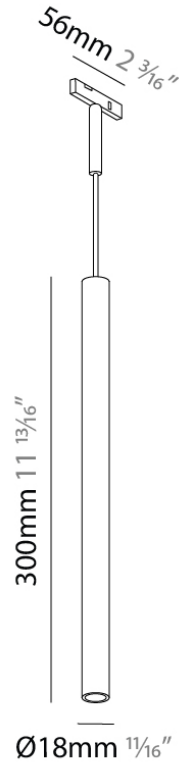
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 88 / 144
 Nominal Lumen (lm): 168
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 22
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



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| PROJECT | |
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| NOTES | |
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| DATE | |

A3JB-SUS-SYS COMPONENTS

A3T381-

DESCRIPTION

Just Black System - Imagine Insert Ø25mm - LED 3W, 2700K / 3000K, Max. 138lm, Beam 18° - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 25
 Diameter (in): 1
 Height (mm): 48
 Height (in): 1 7/8
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 3
 Total Output Wattage (W): 2.8
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

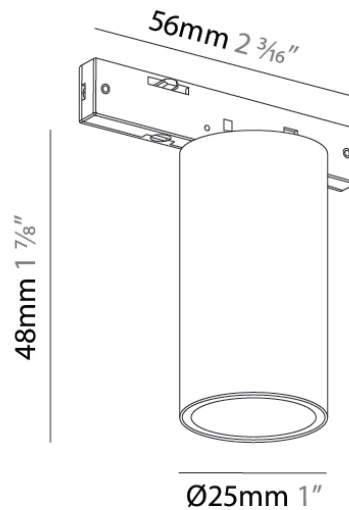
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 107 / 138
 Nominal Lumen (lm): 131 / 168
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 18
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



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| PROJECT | |
| TYPE | |
| NOTES | |
| QUANTITY | |
| DATE | |

A3JB-SUS-SYS COMPONENTS

A3T382-

DESCRIPTION

Just Black System - Imagine Insert Ø25mm - LED 3W, 2700K / 3000K, Max. 136lm, Beam 22° - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 25
 Diameter (in): 1
 Height (mm): 48
 Height (in): 1 7/8
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 3
 Total Output Wattage (W): 2.8
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

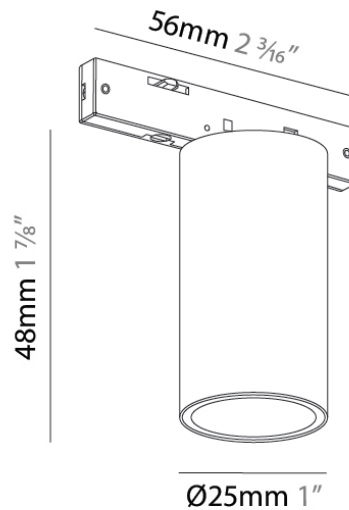
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 106 / 136
 Nominal Lumen (lm): 131 / 168
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 22
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS

A3T383-

DESCRIPTION

Just Black System - Imagine Insert Ø25mm - LED 3W, 2700K / 3000K, Max. 136lm, Beam 32° - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 25
 Diameter (in): 1
 Height (mm): 48
 Height (in): 1 7/8
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED (Zhaga Standard)
 Input Wattage (W): 3
 Total Output Wattage (W): 2.8
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

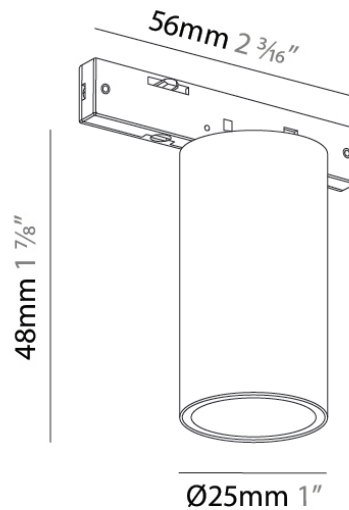
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 96 / 124
 Nominal Lumen (lm): 131 / 168
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 32
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



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| PROJECT | |
| TYPE | |
| NOTES | |
| QUANTITY | |
| DATE | |

A3JB-SUS-SYS COMPONENTS

A3T384-

DESCRIPTION

Just Black System - Imagine Insert Ø35mm - LED 6W, 2700K / 3000K, Max. 298lm, Beam 20° - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 35
 Diameter (in): 1 3/8
 Height (mm): 83
 Height (in): 3 1/4
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 6
 Total Output Wattage (W): 5.5
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

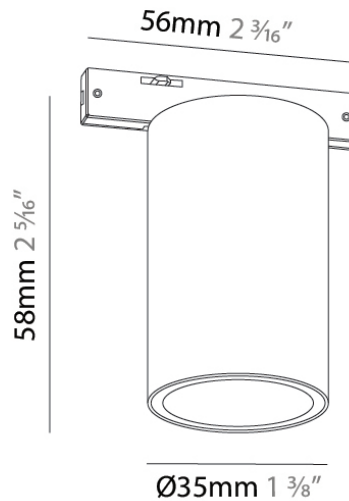
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 204 / 298
 Nominal Lumen (lm): 322 / 469
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 20
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS

A3T385-

DESCRIPTION

Just Black System - Imagine Insert Ø35mm - LED 6W, 2700K / 3000K, Max. 343lm, Beam 26° - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 35
 Diameter (in): 1 3/8
 Height (mm): 83
 Height (in): 3 1/4
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 6
 Total Output Wattage (W): 5.5
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

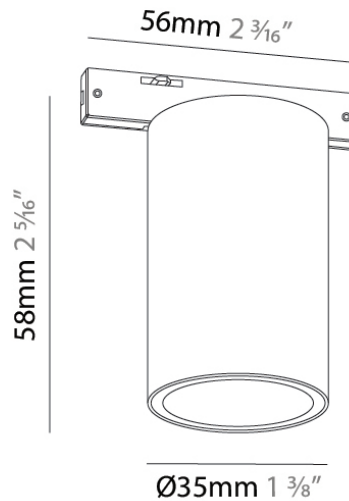
Delivered Lumen Range: 100 - 499 lm
 Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 236 / 343
 Nominal Lumen (lm): 322 / 469
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 26
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



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| PROJECT | _____ |
| TYPE | _____ |
| NOTES | _____ |
| QUANTITY | _____ |
| DATE | _____ |

A3JB-SUS-SYS COMPONENTS

A3T386-

DESCRIPTION

Just Black System - Imagine Insert Ø35mm - LED 6W, 2700K / 3000K, Max. 364lm, Beam 34° - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 35
 Diameter (in): 1 3/8
 Height (mm): 83
 Height (in): 3 1/4
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 6
 Total Output Wattage (W): 5.5
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

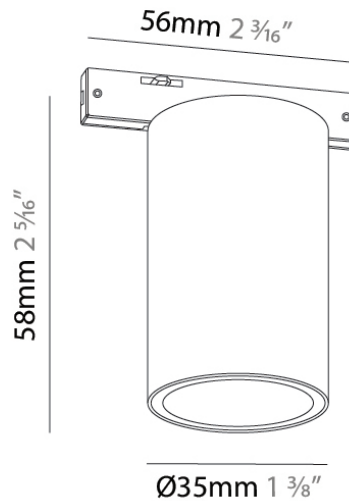
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 250 / 364
 Nominal Lumen (lm): 331 / 469
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 34
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS TRACK

A3T387-

DESCRIPTION

Just Black System - Imagine Insert Ø45mm - LED 9W, 2700K / 3000K, Max. 492lm, Beam 18° - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 45
 Diameter (in): 1 ¾
 Height (mm): 63
 Height (in): 2 ½
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 9
 Total Output Wattage (W): 8.2
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

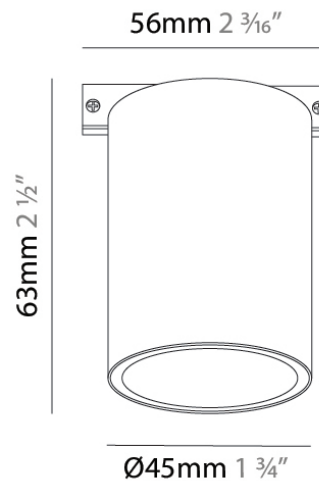
Delivered Lumen Range: 100 - 499 lm
 Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 287 / 429
 Nominal Lumen (lm): 421 / 720
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 18
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS TRACK

A3T388-

DESCRIPTION

Just Black System - Imagine Insert Ø45mm - LED 9W, 3000K, 533lm, Beam 20° - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 45
 Diameter (in): 1 ¾
 Height (mm): 63
 Height (in): 2 ½
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 9
 Total Output Wattage (W): 8.2
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

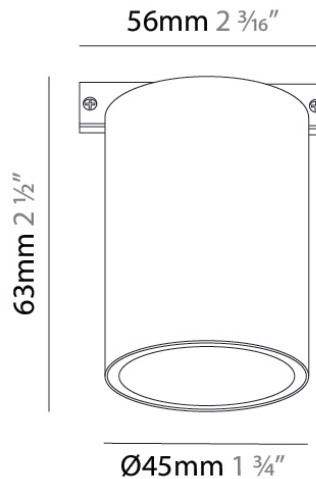
Delivered Lumen Range: 500 - 999 lm
 Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 311 / 533
 Nominal Lumen (lm): 421 / 720
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 20
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS TRACK

A3T389-

DESCRIPTION

Just Black System - Imagine Insert Ø45mm - LED 9W, 2700K / 3000K, Max. 504lm, Beam 30° - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 1"
 Shape: Cylinder
 Diameter (mm): 45
 Diameter (in): 1 ¾
 Height (mm): 63
 Height (in): 2 ½
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 9
 Total Output Wattage (W): 8.2
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

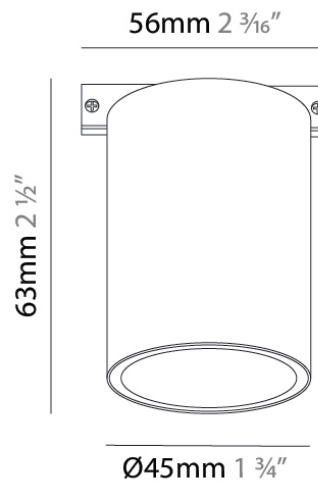
Delivered Lumen Range: 500 - 999 lm
 Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 295 / 504
 Nominal Lumen (lm): 421 / 720
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 30
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



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| PROJECT | _____ |
| TYPE | _____ |
| NOTES | _____ |
| QUANTITY | _____ |
| DATE | _____ |

A3JB-SUS-SYS COMPONENTS

A3T390-

DESCRIPTION

Just Black System - Invader Insert Ø60mm - LED 5W, 2700K / 3000K, Max. 411lm, Beam 26° - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 2"
 Shape: Cylinder
 Diameter (mm): 60
 Diameter (in): 2 3/8
 Height (mm): 43
 Height (in): 1 11/16
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 5
 Total Output Wattage (W): 4.5
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

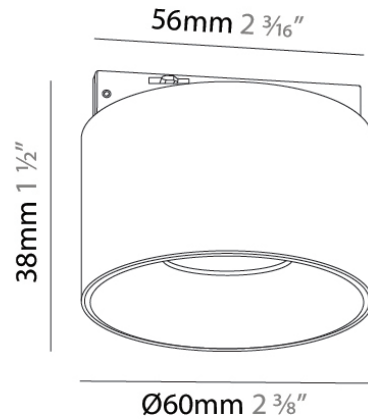
Delivered Lumen Range: 100 - 499 lm
 Number of LEDs: 1
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 297 / 411
 Nominal Lumen (lm): 326 / 451
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 26
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS TRACK

A3T391-

DESCRIPTION

Just Black System - Ledline Insert - 600mm, LED 13W, 2700K / 3000K, Max. 600lm - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Shape: Rectangle
 Length (mm): 600
 Length (in): 23 5/8
 Width (mm): 10
 Width (in): 3/8
 Height (mm): 18
 Height (in): 11/16
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
 Lamp Type: LED
 Input Wattage (W): 13
 Total Output Wattage (W): 11.8
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

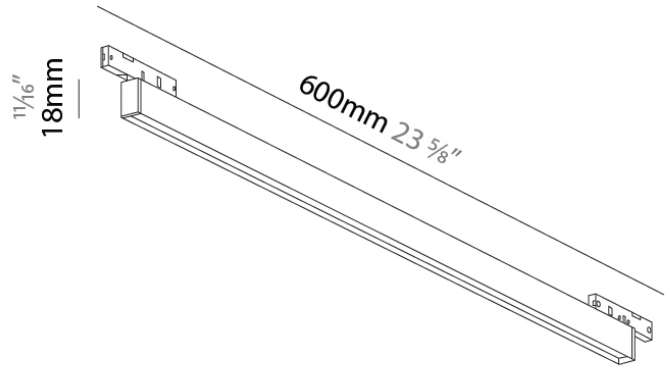
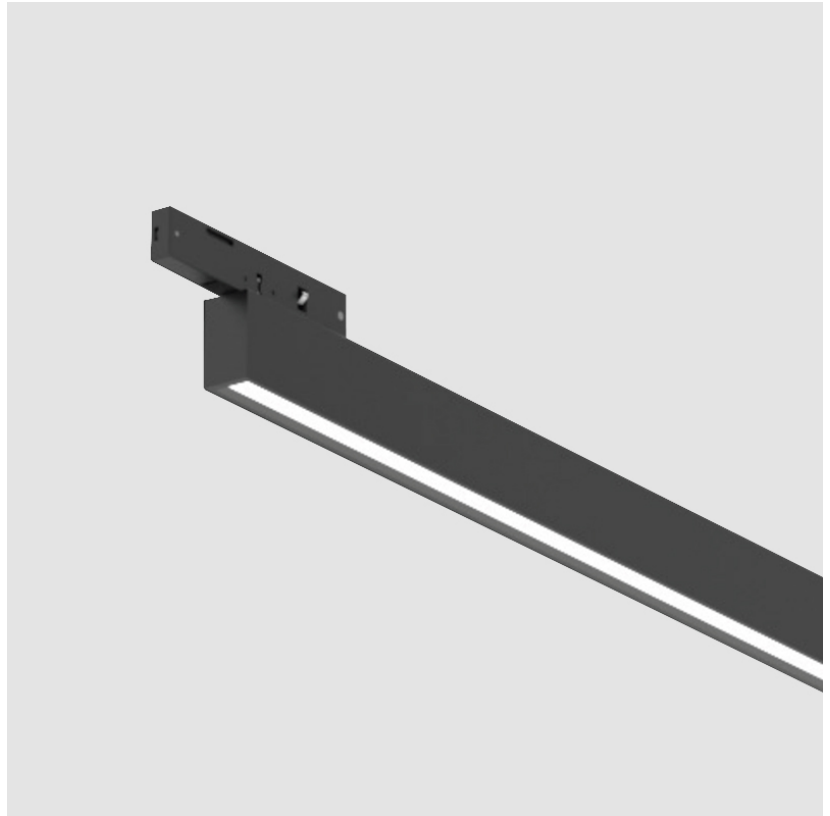
Delivered Lumen Range: 500 - 999 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 420 / 600
 Nominal Lumen (lm): 420 / 600
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 92
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS TRACK

A3T392-

DESCRIPTION

Just Black System - Ledline Insert - 900mm, LED 20W, 2700K / 3000K, Max. 900lm - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Shape: Rectangle
 Length (mm): 900
 Length (in): 35 7/16
 Width (mm): 10
 Width (in): 3/8
 Height (mm): 18
 Height (in): 11/16
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
 Lamp Type: LED
 Input Wattage (W): 20
 Total Output Wattage (W): 18.2
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

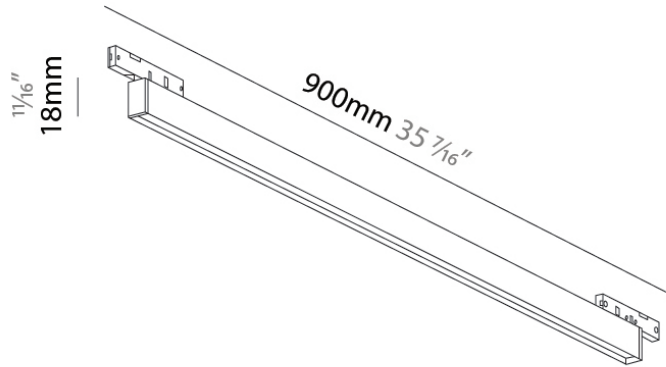
Delivered Lumen Range: 500 - 999 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 634 / 900
 Nominal Lumen (lm): 634 / 900
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 92
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS TRACK

A3T393-

DESCRIPTION

Just Black System - Magiq Insert - 200mm, LED 9W, 2700K / 3000K, Max. 420lm - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Shape: Rectangle
 Length (mm): 196
 Length (in): 7 ¹¹/₁₆
 Width (mm): 10
 Width (in): 3/8
 Height (mm): 18
 Height (in): 11/16
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 1 - 9 W
 Lamp Type: LED
 Input Wattage (W): 9
 Total Output Wattage (W): 8.2
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

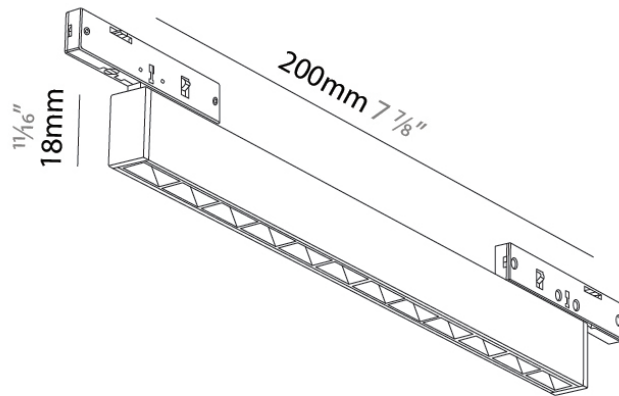
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 369 / 420
 Nominal Lumen (lm): 369 / 420
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 32
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS TRACK

A3T394-

DESCRIPTION

Just Black System - Magiq Insert - 300mm, LED 14W, 2700K / 3000K, Max. 632lm - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolicht
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Shape: Rectangle
 Length (mm): 292
 Length (in): 11 1/2
 Width (mm): 10
 Width (in): 3/8
 Height (mm): 18
 Height (in): 11/16
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
 Lamp Type: LED
 Input Wattage (W): 14
 Total Output Wattage (W): 12.7
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

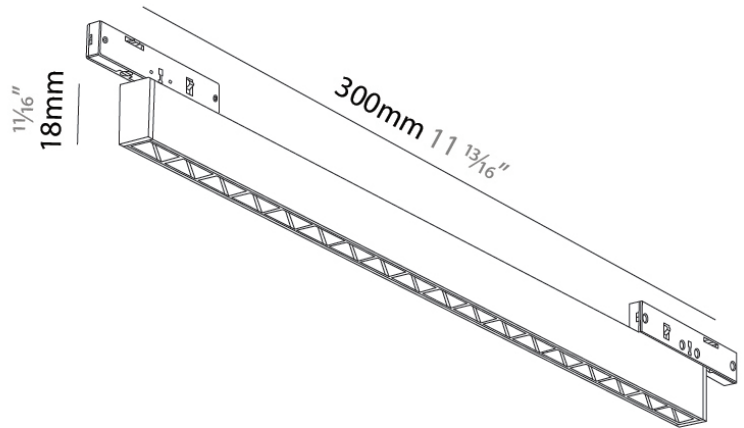
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 550 / 632
 Nominal Lumen (lm): 550 / 633
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 34
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS

A3T395-

DESCRIPTION

Just Black System - Sign Insert - Ø138mm, LED 15W, 2700K / 3000K, Max. 1050lm - Non Dimmable - Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Product Type: Modular Systems
 Light Distribution: Direct

PHYSICAL

Aperture Sizes - Downlights: 5"
 Shape: Round
 Diameter (mm): 138
 Diameter (in): 5 7/16
 Height (mm): 34
 Height (in): 1 3/16
 Diffuser: PMMA - Opal
 Fixture Finish: BLK
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 10 - 19 W
 Lamp Type: LED
 Input Wattage (W): 15
 Total Output Wattage (W): 13.6
 Dimming: Non-Dimming / 0-10V / DALI
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

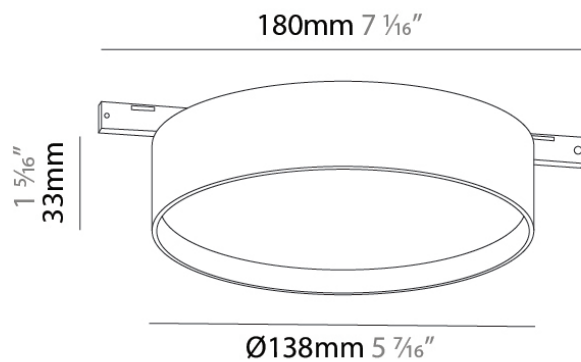
Delivered Lumen Range: 500 - 1999 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 870 / 1050
 Nominal Lumen (lm): 870 / 1050
 CRI: >90 CRI
 Lamp Life (hrs): 80000

OPTICAL

Beam Angle: 96
 Adjustability: Fixed

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



A3JB-SUS-SYS COMPONENTS

PROJECT

TYPE

NOTES

QUANTITY

DATE

A3T397

DESCRIPTION

Just Black - Track Driver 100W ON/OFF

GENERAL

Series: Just Black System

Partner: Prolight

Division: Architectural

Product Type: Modular Systems

PHYSICAL

Length (mm): 295

Length (in): 11 $\frac{5}{8}$

Width (mm): 43

Width (in): 1 $\frac{11}{16}$

Height (mm): 30

Height (in): 1 $\frac{3}{16}$

ELECTRICAL

Dimming: Non-Dimmable

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards

IP rating: IP20



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| PROJECT | _____ |
| TYPE | _____ |
| NOTES | _____ |
| QUANTITY | _____ |
| DATE | _____ |

A3JB-SUS-SYS COMPONENTS TRACK

A3T443-

DESCRIPTION

Just Black System - Halo Insert - Ø408mm/16 1/16", LED 19W, 2700K / 3000K, Max 290lm - CRI: 93, Beam 110° - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Mounting Location: Wall / Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Round
 Diameter (mm): 408
 Diameter (in): 16 1/16
 Height (mm): 26
 Height (in): 1
 Weight (kg): 0.250
 Diffuser: PMMA - Opal
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 20 - 29 W
 Lamp Type: LED
 Input Wattage (W): 20
 Total Output Wattage (W): 18.2
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

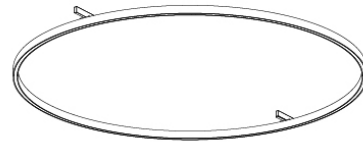
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 226 / 267
 Nominal Lumen (lm): 226 / 267
 CRI: >93 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 110

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



Ø408mm
 16 1/16"



| | |
|----------|-------|
| PROJECT | _____ |
| TYPE | _____ |
| NOTES | _____ |
| QUANTITY | _____ |
| DATE | _____ |

A3JB-SUS-SYS COMPONENTS TRACK

A3T444-

DESCRIPTION

Just Black System - Halo Insert - Ø608mm/23 15/16", LED 27W, 2700K / 3000K, Max 390lm - CRI: 93, Beam 110° - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Mounting Location: Wall / Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Round
 Diameter (mm): 608
 Diameter (in): 23 15/16
 Height (mm): 26
 Height (in): 1
 Weight (kg): 0.250
 Diffuser: PMMA - Opal
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 20 - 29 W
 Lamp Type: LED
 Input Wattage (W): 17
 Total Output Wattage (W): 24.6
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

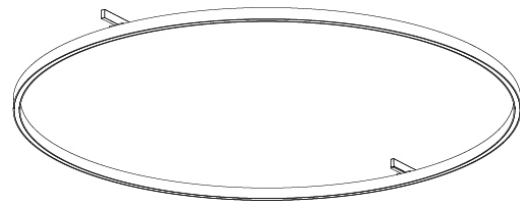
Delivered Lumen Range: 100 - 499 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 342 / 386
 Nominal Lumen (lm): 342 / 386
 CRI: >93 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 110

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



Ø608mm
 23 15/16"



| | |
|----------|--|
| PROJECT | |
| TYPE | |
| NOTES | |
| QUANTITY | |
| DATE | |

A3JB-SUS-SYS COMPONENTS TRACK

A3T445-

DESCRIPTION

Just Black System - Halo Insert - Ø808mm/23 15/16", LED 34W, 2700K / 3000K, Max 615lm - CRI: 93, Beam 110° - Non Dimmable

GENERAL

Series: Just Black System
 Partner: Prolight
 Division: Architectural
 Installation: Track
 Product Type: Modular Systems
 Mounting Location: Wall / Ceiling
 Light Distribution: Direct

PHYSICAL

Shape: Round
 Diameter (mm): 808
 Diameter (in): 31 13/16
 Height (mm): 26
 Height (in): 1
 Weight (kg): 0.250
 Diffuser: PMMA - Opal
 Fixture Material: Aluminum

ELECTRICAL

Input Wattage Range: 30 - 49 W
 Lamp Type: LED
 Input Wattage (W): 34
 Total Output Wattage (W): 30.9
 Dimming: Non-Dimmable
 Driver Included: No
 Driver Location: Remote
 Driver Type: Constant Voltage - Universal
 Driver Class: Class 2
 Input Voltage (V): 24

LED

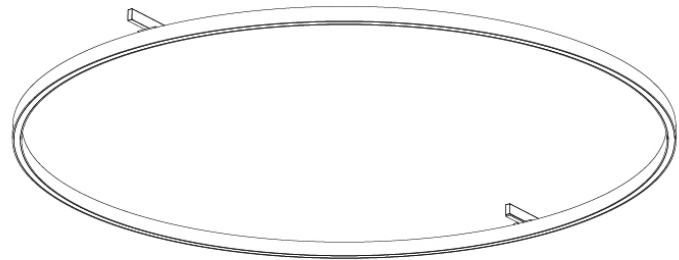
Delivered Lumen Range: 500 - 999 lm
 Color Temperature (°K): 2700 / 3000
 Max. Delivered Lumen (lm): 501 / 545
 Nominal Lumen (lm): 501 / 545
 CRI: >93 CRI
 Lamp Life (hrs): 50000

OPTICAL

Beam Angle: 110

RATINGS AND CERTIFICATIONS

Certified By: CSA Certified to UL and CSA Standards
 IP rating: IP20



Ø808mm
 31 13/16"



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 |
| | 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

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| | 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

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| | 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) |