# Cana 120 – 6" Wide Aperture Linear Channel System

**kreon**

Date: _____ Customer: _____

Project: _____

Type: _____ Qty: _____

Cana, creating rhythms and patterns.

kreon cana is a minimal architectural lighting channel that can be equipped with a wide range of LED luminaires. When recessed, kreon cana in white gives depth to ceiling planes whilst kreon cana in black provides a visible separation or an impression of a void beyond. When surface or pendant mounted, kreon cana provides an architectural beam for lighting integration.

kreon cana 120 can accommodate kreon holon circular, kreon prologe square semi-recessed spotlights, kreon holon surface spotlights, and kreon ligna continuous lines of light. The wide choice of luminaires can be mixed and arranged to suit the various demands and present illumination where it is required..

Any combination of light modules can be specified in a made to measure channel creating a unique installation for every project. Channel runs are delivered pre-assembled for ease of installation on site guarenteeing the finished product is exactly as designed.

**Cana 120 Tools of Light (other options available. See Ordering Options section for full range)**

## Construction

**Linear Profile & Cover Plate** – Made from extruded aluminum

**Cana 120 Luminaires** – Made from die cast aluminum alloy. Integrated optic

**Finishes for Cana 120 Linear Profile**

Matte black or white powder coated vertical run with matte black or white coverplate.

**Finishes for Cana 120 Linear Channel and Luminaires**

• White (RAL 9016)

• Black (RAL 9004)

• RAL color finish on request

**Mounting Options**

Recessed, surface, or pendant mounted

**Holon 120 Twin in-Cana, recessed**

**Prologe 120 twin in-Cana recessed**

## Electrical Characteristics

**LED Specification**
**Cana 120 Luminaires** — Xicato Zhaga compliant LED module with Corrected Cold Phosphor Technology® and remote phosphor to limit color shift over time. Tight color consistency within 1x2 MacAdam Ellipses.

**For Warm Dim, Tunable White and Full Color Tunable Options**
Lumenetix Araya 5 LED module - 5 color chip array

to stabilize coloring across full spectrum, with all 1640-8000K whites occurring fully on black body curve, maintaining 95CRI or better. Tight color consistency with Max 2 SSD.

**LED Life** – L80 greater than 50,000 hours.

**Correlated Color Temperature (CCT)**

Available in 2700K, 3000K, 3500K an 4000K, Warm Dim range 1800K-3000K, tunable white range 1650K-8000K, and fully saturated color with color tunable option.

CRI 85+, 95+, 98+

**Gear**
Standard 0-10V dimming, universal voltage (120-277V), or TRIAC phase dimming (120V only). For non-dimming applications, cap off dimming wires. Additional dimming options available. See ordering codes for full list of options. Some lighting elements require different circuits.

## Ordering Codes and Options

The Cana 120 linear system offers the designer incredible flexibility to combine single, double, round, square, or mono-point luminaires in virtually any configuration imaginable within an architecturally detailed regressed channel system. Cana systems are made to order for each project. To customize each run, please use the configuration sequence below. Configurations can be remodeled in the field without removing the recessed channel, but may require additional components from Kreon. Configurations are not designed to be adjusted in field by the end user.

The Cana 120 series are made to measure to suit many architectural needs. Each run will consist of a linear aluminum profile/channel, and different types of lighting elements. To place an order, please follow these steps to specify each unique run or type. First choose the channel details (length, finish color, mounting condition, etc), then select details for each lighting element you want to specify. Transfer individual codes to section at bottom for final specification. Lighting configuration determined via shop drawings.

## Cana 120 Channel Options

Combine with ordering codes for lighting elements on pages 3-4. Write down your choices on the grey boxes.

| KUCANA - | 120 - | __ __ __ - | _____ - | _____ - | _____ - | _____ - | ____ - | _____ - | _____ - |
|---|---|---|---|---|---|---|---|---|---|
| KREON CANA LINEAR SYSTEM | APERTURE SIZE | CHANNEL LENGTH (IN) | CHANNEL FINISH* | CHANNEL FACEPATE FINISH* | FIXTURE FINISH* | MOUNTING OPTION | CEILING TYPE | DIMMING | NUMBER OF CIRCUITS |
| | 120 mm (internal) ~4" outer dimension | Channel length in inches. Use three numbers, for example, 92 inches would be 092. (Consult factory for increments smaller than 1") | **1** – White **2** – Black Finish color for vertical panels and exterior (if visible). | **iC1** – White **IC2** – Black | **F1** – White **F2** – Black | **RN** – Recessed, no flange **SF** – Surface Mounted | **DW** – Drywall/sheetrock (trimless installation) **GR** – ACT panels with grid ceiling **OT** – Other, please consult factory | **D1** – Triac Phase Dim (120V only) **D2** – 0-10V dim (10%) (120V – 277V) **D2LD** – 0-10V dim (1%) (120-277V) **D3** – Lutron Hi-Lume 1% dim (consult factory for 2-wire, 3-wire, or digital control) **D4** – EldoLED 0% Dim to Dark (multiple circuits per run possible) | Number of circuits or switch groups for this run |
| KUCANA - | 120 - | __ __ __ - | _____ - | _____ - | _____ - | _____ - | ____ - | _____ - | _____ - |

*Consult factory for custom RAL finish color options.

System available with 90 degree or custom corner segments. Consult factory for details and configuration

Cana luminaires are ETL Listed for dry and damp locations.
Cana luminaires lend support for LEED credits and certification.

## Lighting Element Ordering Codes

Combine with ordering codes for linear segments on page 2. Write down your choices on the grey boxes.

### Prologe 120 Single in-Cana*

| FINISH COLOR | CCT | | CRI (MIN) | OUTPUT | BEAM ANGLE | | QUANTITY PER RUN | ACCESSORIES | |
|---|---|---|---|---|---|---|---|---|---|
| WHT BLK | 27 30 35 40 WD TW CT | 2700K 3000K 3500K 4000K warm dim tunable white full color tunable | 85 95 ** 98 | SO HO *(HO not available in SP beam angle)* | SP 16° NR 28° FL 36° | | (Write down desired number of fixtures per run) | SL AG DL SC | Softening Lens Hex Anti-Glare Louver Diffusing Lens Sculptured Lens |
| KUCANA-120-PRO1 _____ | _____ | | _____ | _____ | _____ | | _____ | _____ | |

Electrical Data: **SO:** 1300 lm @ 12W / 965 lm @ 10.9W for 98+ CRI (15.6W with SP beam)
**HO:** 2000 lm @ 19.5W / 1400 lm @ 17W for 98 CRI (not avail in SP beam)
Minimum Spacing*: 7" on center • Rotation/inclination: 360°/30° • Size: 4 ¾" x 4 ¾" ** 95 CRI for WD, TW, CT options only.

### Prologe 120 Twin in-Cana*

| FINISH COLOR | CCT | | CRI (MIN) | OUTPUT | BEAM ANGLE | | QUANTITY PER RUN | ACCESSORIES | |
|---|---|---|---|---|---|---|---|---|---|
| WHT BLK | 27 30 35 40 WD TW CT | 2700K 3000K 3500K 4000K warm dim tunable white full color tunable | 85 95 ** 98 | SO HO *(HO not available in SP beam angle)* | SP 16° NR 28° FL 36° | | (Write down desired number of fixtures per run) | SL AG DL SC | Softening Lens Hex Anti-Glare Louver Diffusing Lens Sculptured Lens |
| KUCANA-120-PROT _____ | _____ | | _____ | _____ | _____ | | _____ | _____ | |

Electrical Data: **SO:** 1300 lm @ 12W / 965 lm @ 10.9W for 98+ CRI (15.6W with SP beam)
**HO:** 2000 lm @ 19.5W / 1400 lm @ 17W for 98 CRI (not avail in SP beam)
Minimum Spacing*: 7" on center • Rotation/inclination: 360°/30° • Size: 11 ½" x 4 ¾"** 95 CRI for WD, TW, CT options only.

### Holon 120 Single in-Cana*

| FINISH COLOR | CCT | | CRI (MIN) | OUTPUT | BEAM ANGLE | | QUANTITY PER RUN | ACCESSORIES | |
|---|---|---|---|---|---|---|---|---|---|
| WHT BLK | 27 30 35 40 WD TW CT | 2700K 3000K 3500K 4000K warm dim tunable white full color tunable | 85 95 ** 98 | SO HO *(HO not available in SP beam angle)* | SP 16° NR 28° FL 36° | | (Write down desired number of fixtures per run) | SL AG DL SC | Softening Lens Hex Anti-Glare Louver Diffusing Lens Sculptured Lens |
| KUCANA-120-HOL1 _____ | _____ | | _____ | _____ | _____ | | _____ | _____ | |

Electrical Data: **SO:** 1300 lm @ 12W / 965 lm @ 10.9W for 98+ CRI (15.6W with SP beam)
**HO:** 2000 lm @ 19.5W / 1400 lm @ 17W for 98 CRI (not avail with SP beam)
Minimum Spacing*: 4 ¾" diameter • Rotation/inclination: 360°/30° • Size: 11 ½" x 4 ¾"** 95 CRI for WD, TW, CT options only

### Holon 120 Twin in-Cana*

| FINISH COLOR | CCT | | CRI (MIN) | OUTPUT | BEAM ANGLE | | QUANTITY PER RUN | ACCESSORIES | |
|---|---|---|---|---|---|---|---|---|---|
| WHT BLK | 27 30 35 40 WD TW CT | 2700K 3000K 3500K 4000K warm dim tunable white full color tunable | 85 95 ** 98 | SO HO *(HO not available in SP beam angle)* | SP 16° NR 28° FL 36° | | (Write down desired number of fixtures per run) | SL AG DL SC | Softening Lens Hex Anti-Glare Louver Diffusing Lens Sculptured Lens |
| KUCANA-120-HOLT _____ | _____ | | _____ | _____ | _____ | | _____ | _____ | |

Electrical Data: **SO:** 1300 lm @ 12W / 965 lm @ 10.9W for 98+ CRI (15.6W with SP beam)
**HO:** 2000 lm @ 19.5W / 1400 lm @ 17W for 98 CRI (not avail with SP beam)
Minimum Spacing*: 4 ¾" diameter • Rotation/inclination: 360°/30° • Size: 11 ½" x 4 ¾"** 95 CRI for WD, TW, CT options only.

### Ligna 120 in-Cana**

| FINISH COLOR | CCT | | CRI (MIN) | OUTPUT | QUANTITY PER RUN |
|---|---|---|---|---|---|
| WHT BLK | 27 30 35 40 WD TW CT | 2700K 3000K 3500K 4000K warm dim tunable white full color tunable | 85 95 ** 98 | SO HO *(HO not available in SP beam angle)* | (Write down desired number of fixtures per run) |
| KUCANA-120-LIG _____ | _____ | | _____ | _____ | _____ |

Electrical Data: 850 lm @ 9W  (650 lm @ 9W for 90+ CRI)  •  Avail in increments of 2" w/min of 24" length ** For WD, TW & CT options : 1,000LM/FT @ 10W/FT for 95 CRI. Avail. in 11", 22" or 24" increments.

cETLus Intertek • RoHS COMPLIANT • 5 YEAR LED WARRANTY • NRTL DAMP • ADA COMPLIANT • Tunable White

Cana luminaires are ETL Listed for dry and damp locations.
Cana luminaires lend support for LEED credits and certification.

## Lighting Element Ordering Codes

Combine with ordering codes for linear segments on page 2. Write down your choices on the grey boxes.

| Lighting Elements Ordering Codes Summary *(leave blank if not used)* | | |
|---|---|---|
| Prologe 120 Single in-Cana: | KUCANA-120-PRO1 - | _____ - _____ - _____ - _____ - _____ - _____ |
| Prologe 120 Twin in-Cana | KUCANA-120-PROT - | _____ - _____ - _____ - _____ - _____ - _____ |
| Holon 120 Single in-Cana | KUCANA-120-HOL1 - | _____ - _____ - _____ - _____ - _____ - _____ |
| Holon 120 Twin in-Cana | KUCANA-120-HOLT - | _____ - _____ - _____ - _____ - _____ - _____ |
| Ligna 120 in-Cana | KUCANA-120-LIG - | _____ - _____ - _____ - _____ - _____ - _____ |
| * The minimum module spacing is the minimum center distance to the next in-Cana 120 module. | | |

Cana luminaires are ETL Listed for dry and damp locations.
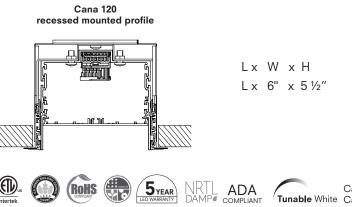Cana luminaires lend support for LEED credits and certification.
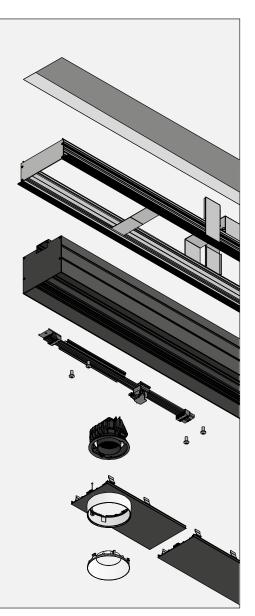
## Construction



**White Prologe 120 in-Cana single in black recessed mounted profile**



**Black Holon 120 in-Cana single in black recessed mounted profile**



**Schematic representation of assembly Holon 120 single in-Cana: profile + luminaire + louvre**

**Cana 120 recessed mounted profile**



L x W x H
L x 6" x 5 ½"

**5 YEAR** LED WARRANTY

**Tunable** White   Cana luminaires are ETL Listed for dry and damp locations. Cana luminaires lend support for LEED credits and certification.