



Beamever

FORTE SERIES

FLEXIBLE 3D NEON SYSTEM | IP68 · IK10

FOR DEMANDING OUTDOOR APPLICATIONS

FLEXIBILITY THAT CRAFTS OUTDOOR MOMENTS

In demanding outdoor environments, the Forte Series accentuates architectural lines, landscape contours, and creative forms by bringing clarity, durability, and consistent light to every surface.

A design-forward approach to flexible 3D neon that elevates outdoor spaces without compromise—backed by IP68 waterproofing and IK10 impact resistance.

**PROTECTION THAT
NEVER FADES • IP68 • IK10**



FORTE 3D LARGE PIXEL RGBW

Dynamic light for architectural expression and landscape storytelling

3D FLEXIBILITY

11.81in. (300mm) minimum bending radius simplifies installation around complex outdoor contours, preserving the full integrity of your architectural and landscape design vision.

HEAVY-DUTY PROTECTION

IP68 waterproofing and IK10 impact resistance deliver uncompromising reliability in the harshest outdoor conditions—built to perform through rain, snow, UV exposure, and physical impact.

PRECISION PIXEL CONTROL

2.8" (71mm) individual DMX addressing enables fluid motion, dynamic color chasing, and high-resolution visual effects, transforming facades and landscapes into immersive, expressive environments.

LUMEN OUTPUT (lm/ft)

CCT	4.57W/ft
■ R	9
■ G	32
■ B	7
■ W27K	23
■ W30K	25
■ W40K	26
■ PRGBW27K	71
■ PRGBW30K	73
■ PRGBW40K	74
Max. Run for Class 2	17.5ft (5.3m)
Max. Run Supported Length	26.2ft (8m)

TECHNICAL DETAILS

Efficacy	16lm/W @RGBW30K 4.57W
CRI	Ra≥80
Beam Angle	110°
IK Rating	IK10 (with aluminum profile)
Average Life (L70B10)	>32,000 hours
IC Model	UCS 512CLN
Pixel Size	2.8in/pixel
Storage Temperature	-40~149°F (-40°C~65°C)
Operating Temperature	-40~149°F (-40°C~65°C)

FORTE 3D LARGE STATIC WHITE

Refined linear light for architectural & landscape accent and contour details

CORE PERFORMANCE

3D bending flexibility integrates seamlessly with complex architectural & landscape contours. IP68 waterproofing and IK10 impact resistance deliver consistent, durable performance in demanding environments.

HIGH EFFICACY (HE)

105 lm/W | 308 lm/ft delivers bright, energy-saving illumination with 36.1ft (11m) single-feed runs. Ideal for architectural accents, facades, and projects focused on sustainability and clean installation.

SUPER LONG RUN (LR)

Designed for ultra-long single feed runs up to 180.4ft (55m), enabling seamless, uninterrupted light lines. Best suited for projects prioritizing maximum single-feed length with minimal access points for power connections. Not recommended for installations with strict Class 2 power limitations.



FORTE 3D LARGE HIGH EFFICACY

LUMEN OUTPUT (lm/ft)

Temp./Color	2.93W/ft
■ 2200K	263
■ 2700K	300
■ 3000K	325
■ 3500K	335
■ 4000K	337
Max. Run for Class 2	27.3ft (8.3m)
Max. Run Supported Length	36.1ft (11m)

TECHNICAL DETAILS

Efficacy	105lm/W @3000K
CRI	Ra≥90
Beam Angle	110°
LED MacAdam	3 steps
IK Rating	IK10 (with aluminum profile)
Average Life (L70B10)	>44,000 hours
Storage Temperature	-40~149°F (-40°C~65°C)
Operating Temperature	-40~149°F (-40°C~65°C)

FORTE 3D LARGE LONG RUN

LUMEN OUTPUT (lm/ft)

Temp./Color	1.46W/ft	2.93W/ft
■ 2200K	102	190
■ 2700K	114	212
■ 3000K	121	224
■ 3500K	125	232
■ 4000K	124	230
Max. Run for Class 2	54.8ft (16.7m)	27.3ft (8.3m)
Max. Run Supported Length	180.4ft (55m)	131.2ft (40m)

TECHNICAL DETAILS

Efficacy	64.6lm/W @3000K
CRI	Ra≥90
Beam Angle	110°
LED MacAdam	3 steps
IK Rating	IK10 (with aluminum profile)
Average Life (L70B10)	>44,000 hours
Storage Temperature	-40~149°F (-40°C~65°C)
Operating Temperature	-40~149°F (-40°C~65°C)



SYSTEM COMPONENTS

DIVERSE MOUNTING OPTIONS

Beamever mounting systems are engineered to adapt to your design vision without compromise.

From clean surface profiles to invisible recessed channels, our comprehensive mounting options ensure seamless installation across any architectural detail—preserving millimeter-perfect alignment from concept to completion.

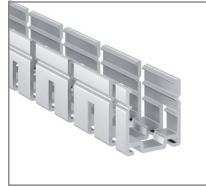
SURFACE MOUNTINGS



F3DL-SC

Straight Surface Channel

Aluminum, 3.28 ft (1m) standard length
For flat surface installations



F3DL-BC

Bendable Surface Channel

Aluminum, 3.28 ft (1m) standard length
Min. Top Bending Diameter: 23.6" (600mm)
For curved surface installations

RECESSED / MUD-IN MOUNTINGS



F3DL-RC

Straight Recessed Channel

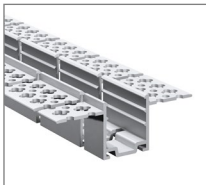
Aluminum, 3.28 ft (1m) standard length
For flush ceiling/wall installations



F3DL-MC

Mud-In Channel

Aluminum, 3.28 ft (1m) standard length
For drywall integration



F3DL-BMC

Bendable Mud-In Channel

Aluminum, 3.28 ft (1m) standard length
Min. Top Bending Diameter: 23.6" (600mm)
Min. Side Bending Diameter: 63" (1600mm)

SPECIALTY MOUNTINGS



F3DL-SCS

Surface Channel with Silicone Groove



F3DL-LBC

Light-Block Channel
(prevents backglow)



F3DL-PC

PC Channel
(translucent diffusion)

MOUNTING CLIPS



F3DL-CL

Mounting Clip
(aluminum)



F3DL-LS

L-Shaped Mounting Bracket



F3DL-AC

Adjustable Mounting Clip
(stainless steel)



F3DL-SPC

Spring Clip
(for recessed channel)

POWER SUPPLIES

Beamever's premium LED drivers are engineered for flawless performance across every installation. Delivering smooth, flicker-free dimming with effortless protocol integration—from non-dimmable to 5-in-1 control options—our Class 2 compliant power supplies adapt to any project with multiple wattages and dry/damp/wet location ratings.



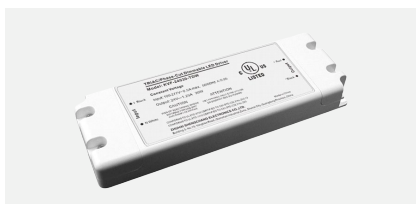
KVD Series
0-10V Dimming



KVG Series
Triac/0-10V Dimming



KVD Series
DMX512 Dimming



KVF Series
Phase cut/Triac Dimming



L-Tech LED Driver

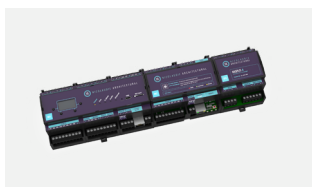


KV Series
Non Dimming

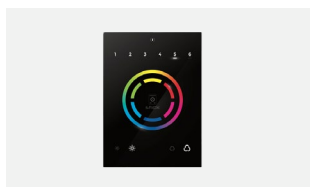
CONTROLLER



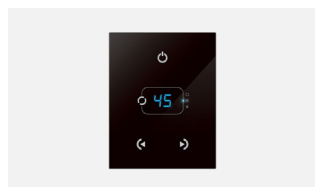
Nicolaudie NATOUCH-1



Nicolaudie DIN Rail

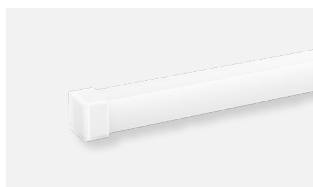


Nicolaudie Stick CW4



Nicolaudie Stick GA2

ACCESSORIES FOR FIELD-CUT



F3DL-SEC-C
Silicone closed end cap



F3DL-SEC-F-2P
Silicone end cap front entry with
0.98ft(30cm) cable, 2 pin



F3DL-SEC-S-2P
Silicone end cap side entry with
0.98ft(30cm) cable, 2 pin



F3DL-SEC-B-2P
Silicone end cap bottom entry
with 0.98ft(30cm) cable, 2 pin

APPLICATIONS



ARCHITECTURAL FACADE & BUILDING CONTOUR LIGHTING

Building facades, rooflines, and perimeter contours. Ultra-long runs eliminate visible joints, while 3D bending follows complex building profiles with precision. IP68 + IK10 protection withstands all-weather conditions for year-round performance.

KEY BENEFIT	Seamless contour lighting + durable outdoor performance
TYPICAL INSTALLATION	Surface or recessed bendable channel system with DC24V driver

LANDSCAPE ACCENT LIGHTING

Retaining walls, water features, pathway edges, and sculptural elements. 3D flexibility wraps around natural curves and details. Field-cuttable design adapts to any landscape layout.

KEY BENEFIT	Flexible contour shaping + seamless accent output
TYPICAL INSTALLATION	Exterior surface-mount bendable channel system with Class 2 driver



DYNAMIC OUTDOOR & PUBLIC SPACE LIGHTING

Public plazas, event spaces, and interactive facades. DMX-controlled smart pixels deliver infinite color animations and chasing effects, while 3D bending brings dynamic storytelling to outdoor architectural forms.

KEY BENEFIT	DMX dynamic color control + 3D creative freedom
TYPICAL INSTALLATION	Exterior bendable channel system with DMX controller & Class 2 driver

***READY TO
EXPERIENCE
FORTE
IN YOUR NEXT PROJECT?***

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