Beamever



FORTE SERIES

FLEXIBLE 3D NEON SYSTEM | IP68 · IK10

FOR DEMANDING OUTDOOR APPLICATIONS

Designer's Custom Playground

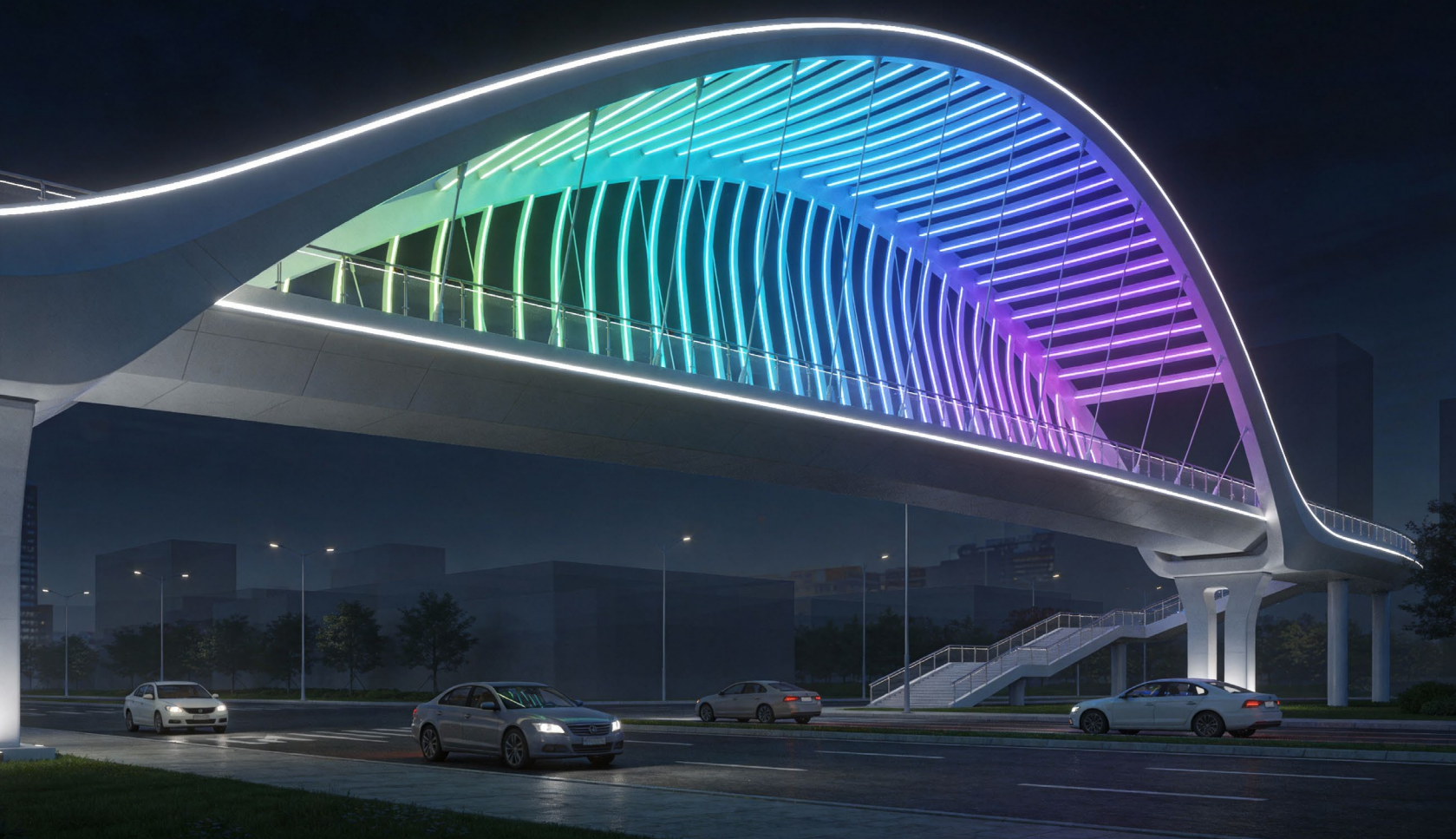
www.beamever.com

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

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

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	15W/M
R	29
G	105
B	24
W27K	77
W30K	83
W40K	86
PRGBW27K	234
PRGBW30K	240
PRGBW40K	243
Max. Run Supported Length	8m

TECHNICAL DETAILS

Efficacy	161m/W @RGBW30K 15W
CRI	Ra≥80
Beam Angle	110°
IK Rating	IK10 (with aluminum profile)
Average Life (L70B10)	>32,000 hours
IC Model	UCS 512CLN
Pixel/M	14
Pixel Size	71mm/pixel
Storage Temperature	-40℃~65℃
Operating Temperature	-40℃~65℃

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 | 1010 lm/m delivers bright, energy-saving illumination with 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 55m enabling seamless, uninterrupted light lines. Best suited for projects prioritizing maximum single-feed length with minimal access points for power connections.



FORTE 3D LARGE LONG RUN

LUMEN OUTPUT (lm/ft)

Temp./Color	4.8W/ft	9.6W/ft
2200K	334	622
2700K	373	695
3000K	397	736
3500K	409	760
4000K	406	754
Max. Run Length	55m	40m

TECHNICAL DETAILS

Efficacy	64.6lm/W @3000K 9.6W
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℃~65℃
Operating Temperature	-40℃~65℃

FORTE 3D LARGE HIGH EFFICACY

LUMEN OUTPUT (lm/ft)

Temp./Color	9.6W/ft
2200K	859
2700K	975
3000K	1061
3500K	1093
4000K	1098
Max. Run Length	11m

TECHNICAL DETAILS

Efficacy	105.2lm/W @3000K 9.6W
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℃~65℃
Operating Temperature	-40℃~65℃



SYSTEM COMPONENTS

DIVERSE MOUNTING OPTIONS

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

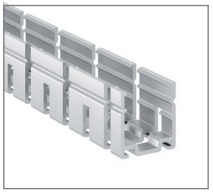
From clean surface profiles to invisible recessed channels, our comprehensive mounting options ensure seamless installation across any architectural detail—preserving millimeter-perfect alignment from concept to completion.

SURFACE MOUNTINGS



F3DL-SC

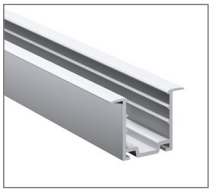
Straight Surface Channel
Aluminum, 1m standard length
For flat surface installations



F3DL-BC

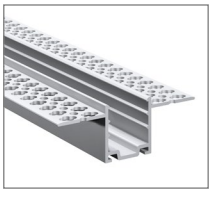
Bendable Surface Channel
Aluminum, 1m standard length
Min. Top Bending Diameter: 600mm
For curved surface installations

RECESSED / MUD-IN MOUNTINGS



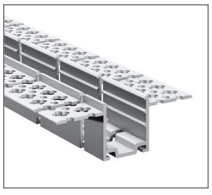
F3DL-RC

Straight Recessed Channel
Aluminum, 1m standard length
For flush ceiling/wall installations



F3DL-MC

Mud-In Channel
Aluminum, 1m standard length
For drywall integration



F3DL-BMC

Bendable Mud-In Channel
Aluminum, 1m standard length
Min. Top Bending Diameter: 600mm
Min. Side Bending Diameter: 1600mm

SPECIALTY MOUNTINGS



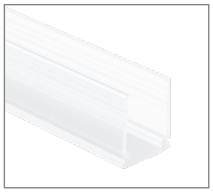
F3DL-SCS

Surface Channel with Silicone Groove



F3DL-LBC

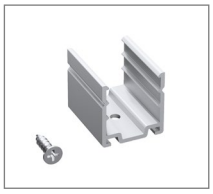
Light-Block Channel
(prevents backglow)



F3DL-PC

PC Channel
(translucent diffusion)

MOUNTING CLIPS



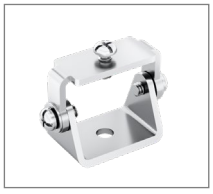
F3DL-CL

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.

NON-DIMMABLE



XLG-150-24-A



LPV-150-24



RS-150-24

3 IN 1-DIMMABLE



ELG-150-24B-3Y



PWM-120-24

DALI-DIMMABLE



ELG-150-24DA-3Y

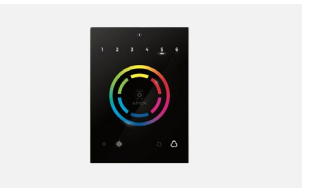
CONTROLLER



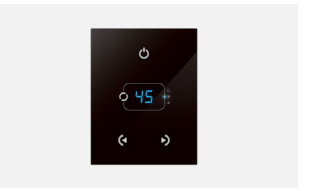
Nicolaudie NATOUCH-1



Nicolaudie DIN Rail

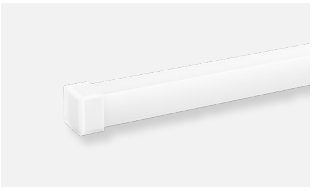


Nicolaudie Stick CW4



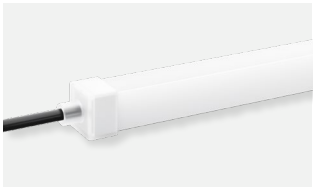
Nicolaudie Stick GA2

ACCESSORIES FOR FIELD-CUT



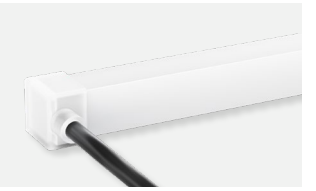
F3DL-SEC-C

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 compatible 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 & compatible driver

NOTES

READY TO EXPERIENCE FORTE IN YOUR NEXT PROJECT?

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