

ARCO ILLUMINATION

architectural

S E R I E S

Six luminaire families.
One precision architecture.

LED architectural lighting — from facade graze to flood,
cove to high-candela projection.

IP66 Rated

CRI 90+

30-Year Heritage

6 Families

80+ Patents

Singapore HQ

arco-illumination.com

30

Y E A R S O F L I G H T

Precision lighting · ODM heritage · Marine to architectural

6

Product Families

80+

Patents Portfolio

5

Brand Categories

Protected by an 80+ patent portfolio · © 2026 Arco Illumination Pte. Ltd.

A R C O I L L U M I N A T I O N

Three Decades. Five Categories. One Standard.

This brochure covers the architectural range. The Arco Illumination portfolio extends across five categories:

Architectural

YOU ARE HERE

Six luminaire families.
Facade to cove to flood.

Sense

Connected lighting.
BLE mesh · adaptive.

En-Vision

Marine searchlights.
AIS-linked · gyro-stabilized.

Health

Human-centred lighting.

Arena

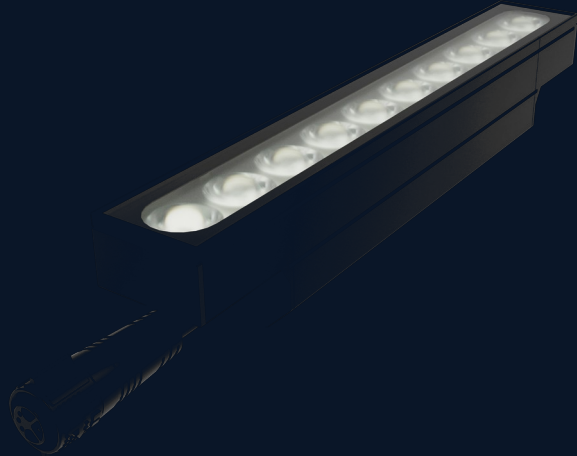
Sport floodlighting.

30-year ODM heritage · 80+ patent portfolio across US, EU, Asia · Singapore HQ · ASEAN market

Jema

Architectural Linear Wall-Wash · Graze

Wet location rated, high performance RGBW & monochromatic architectural linear wall-wash with an 8° native beam angle.



S P E C I F I C A T I O N S

Built for the perimeter.

8°

Native Beam

10°, 20°, 40°, 60°, 80°,
10×40°, 10×60°, 5×30°, 5×60°

IP66

Wet Location Rated

Wet location enclosure
rated for exterior use

2200 - 4000K

CCT Range

Standard mono CCT options:
2200, 2700, 3000, 3500, 4000K

RGBW

Inter-Optic Mix

Uniform colour palette
across the full beam

A V A I L A B L E W I T H

Coda

Forte

Tone

Sense

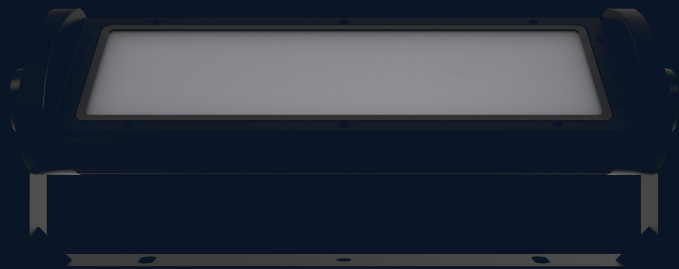
Shift

Token

Lexi

Architectural Projector · High Candela

Wet location rated, high candela & high performance architectural projector with a 3.5° native beam angle.



S P E C I F I C A T I O N S

Throw at distance.

3.5°

Native Beam

10°, 20°, 40°, 60°, 80°,
10×40°, 10×60°, 5×30°, 5×60°

IP66

Wet Location Rated

Wet location enclosure
rated for exterior use

100W

Module Power

High-candela 100W
architectural projection

Array Mount

1 · 2 · 3 Module

Single, double & triple
array mounting options

A V A I L A B L E W I T H

Coda

Forte

Tone

Sense

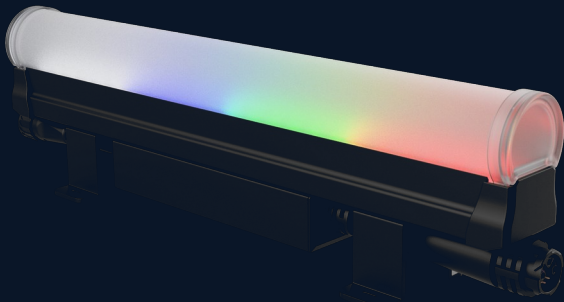
Shift

Token

Meri

Architectural Media Tube · Direct View

Wet location rated, high resolution & high performance architectural media tube available in RGBW and Dynamic White solutions.



SPECIFICATIONS

Light you look at.

Media Tube

Direct View

High resolution architectural direct-view media tube

IP66

Wet Location Rated

Wet location enclosure rated for exterior use

RGBW · DW

Colour System

RGBW, RGBA, and Dynamic White solutions

Custom

Bespoke CCT

Custom colour options available upon request

A V A I L A B L E W I T H

Coda

Forte

Tone

Sense

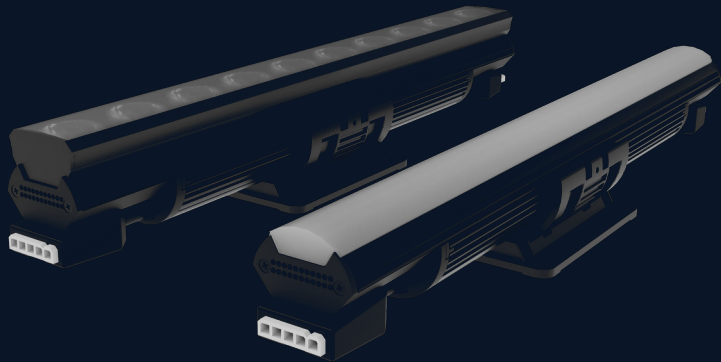
Shift

Token

Rosi

Architectural Cove + Graze · Dual Housing

DMX-RDM based damp location rated, high performance architectural linear cove & graze system in a dual-housing format.



S P E C I F I C A T I O N S

Inside the envelope.

Cove + Graze

Dual Housing

Two housings, one system architecture

IP40

Damp Location

Damp location enclosure for interior architectural use

2200 - 4000K

Dynamic White

Dynamic white CCT: 2200, 2700, 3000, 3500, 4000K

100×100°

Beam Options

Plus 15×15° and 17×35° for cove + graze configs

A V A I L A B L E W I T H

Coda

Forte

Tone

Sense

Teri

Architectural Floodlight · High Candela

Wet location rated, high candela & high performance architectural floodlight with a 9° native beam angle.



S P E C I F I C A T I O N S

Wash the facade.

9°

Native Beam

Plus 20°, 40°, 60°, 80°,
10×40°, 10×60° options

IP66

Wet Location Rated

Wet location enclosure
rated for exterior use

2200 - 4000K

CCT + Static + RGBW

Full colour and white
system combinations

Adjustable

Yoke Mount

Adjustable mounting for
fixture-to-fixture patterns

A V A I L A B L E W I T H

Coda

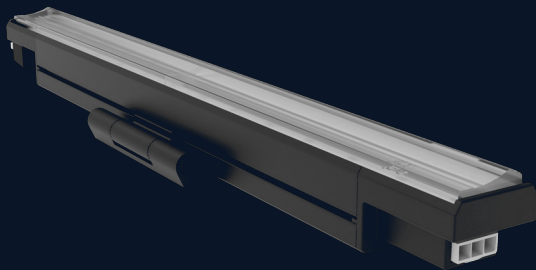
Forte

Token

Tiaa

Architectural Linear Cove · Interior

Damp location rated, high performance architectural linear cove system designed for interior architectural detail and accent work.



SPECIFICATIONS

Light the detail.

Linear Cove

Interior Detail

Architectural cove system for interior installations

IP40

Damp Location

Damp location enclosure for interior architectural use

2200 - 4000K

CCT Range

Standard mono CCT options: 2200, 2700, 3000, 3500, 4000K

100×100°

Beam Options

Plus 15×90° and 30×75° with 25° tilt option

AVAILABLE WITH

Coda

Forte

Tone

TECHNOLOGY STACK

Six patented technologies. One control architecture.

Every Arco Illumination architectural luminaire is built on the same patented control stack — interchangeable, mix-and-match across families.

Coda

Intuitive RDM Protocol

100% RDM compatible.
16,000+ Plugfest items tested.

Forte

Power Balance ZCL

Balanced max power per colour.
No dips, no valleys.

Tone

RGB+W White Balance

True white tuned along
the black body curve.

Sense

SIP Settable White · Patented

Tune CCT from your phone.
No data wire required.

Shift

SIP Settable Colour · Patented

Snap a colour. Match a brand.
Real-time bluetooth tuning.

Token

DMX PT-Auto Addressing · Patented

Patented approach to RDM
fixture auto-addressing.

A P P L I C A T I O N S

Built for the built environment.

Facade & Graze

Jema · Rosi

Linear wall-wash for building exteriors. Even illumination, controlled spill.

Architectural Cove

Rosi · Tiaa

Recessed cove and soffit detail lighting for interior and damp-rated installations.

Projection · Flood

Lexi · Teri

High-candela projection and floodlighting for long-throw architectural reveal.

Direct-View Media

Meri

High-resolution media tube installations for hospitality and landmark facades.

Bridge & Landmark

Cross-family

Long-installation architectural lighting for civic infrastructure.

Hospitality & Retail

Cross-family

Dynamic colour and tunable white for hotels, retail, and event venues.

Cross-family installations · custom optical packages · OEM/ODM partnerships available.

A B O U T

Backed by 30 years of light.

O U R L I N E A G E

● 30+ Years

General Luminaire, our ODM parent, has supplied private-label lighting to architectural, marine, and commercial markets across Asia and North America for three decades.

● 2020

Arco Illumination Pte. Ltd. founded by Alex Wang and Brian A. Cook as an architectural illumination company, backed by deep manufacturing expertise.

● 2026

Brand expanded to five categories — Architectural · Sense · En-Vision · Health · Arena. En-Vision marine searchlights launched directly under the Arco Illumination brand.

● 80+ Patents

53 patents granted + 27 pending across US, EU, and Asia. Flagship U.S. Patents 12,600,445 B1 and 11,096,254 B1 anchor the portfolio.

T H E S T A N D A R D

**Where light is precision.
Where precision is life.**

S I N G A P O R E H Q

No. 8 Penjuru Lane, 609189

A S E A N M A R K E T

Architectural · marine · OEM

F I V E C A T E G O R I E S

Architectural · Sense · En-Vision
Health · Arena

C O N T A C T

Ready to specify?

Architectural enquiries, custom optical packages, OEM/ODM partnerships, or distributor relationships:

Singapore HQ

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Online

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Protected by an 80+ patent portfolio granted and pending across US, EU, Asia.