BROADWAY
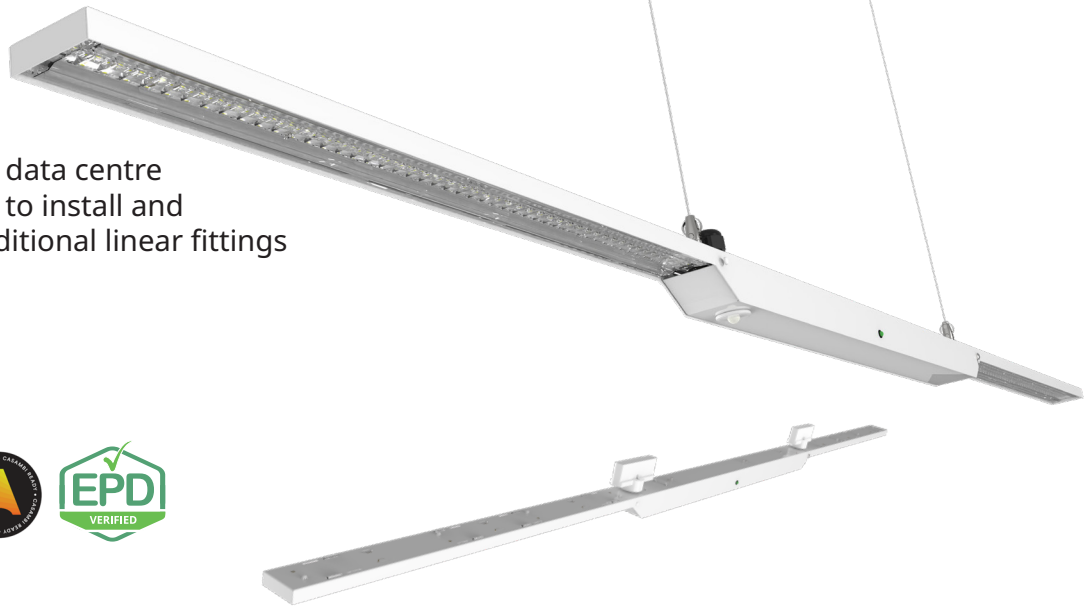
A linear lighting system for data centre and retail projects. Quicker to install and easier to maintain than traditional linear fittings

APPLICATIONS

Designed for linear applications, such as:
- Server racks in a data hall
- Aisles in a retail store

SPECIFICATION

1850mm linear lighting consisting of two 600mm LED modules and a central gear housing.
- Central gear housing contains the driver and, optionally, sensors, emergency modules, batteries and controls.
- Metal body available in white (RAL9016) or black (RAL9005)
- For surface mounting. For suspended installation, wire suspension kits are available to be ordered as separate items, as listed overleaf. Track mounting is also available - please contact Technical for further details.

ACCESSORIES
- Wire suspension kits available as listed overleaf

OPTIONS

Optics/Lenses
- Wide aisles (OP1)
- Narrow aisles (OP2)

Output - Wide range of different outputs:10W, 15W, 20W, 25W, 30W, 35W, 40W, 45W, 50W

Emergency – all maintained 3 hours with lithium (LiFePO$_4$) batteries
- M3L: Manual test
- STM3L: Self-test
- DAM3L: DALI addressable
- CSDAM3L: Casambi addressable test
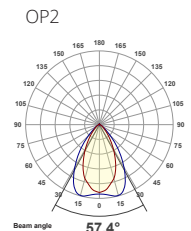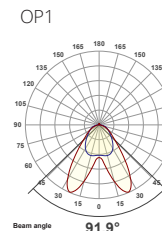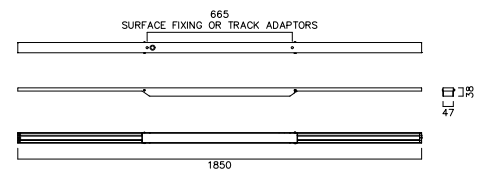- HSDAM3L: HubSense addressable test

Dimming
- DD: Digital Dimming – DALI and Switch Dim
- CF: Corridor Function – Dim to 10%
- CS: Casambi smart wireless control
- HS: HubSense smart wireless control

Sensor
- PIR – Passive Infrared
- PIRD – Passive Infrared with Dimming

Mounting points for surface, suspended or track installation

OP1 — Beam angle 91.9°

OP2 — Beam angle 57.4°

Available with a choice of 2 lenses, OP1 and OP2

SMART WIRELESS CONTROLS

BROADWAY can be supplied with either **HubSense** or **Casambi** smart wireless control built-in.

Casambi and **HubSense** use Bluetooth wireless technology to provide comprehensive lighting control, including scene setting, energy saving and addressable emergency testing.

Contact our technical team for details – technical@nvcuk.com

BROADWAY

MADE FOR DATA CENTRES, MADE FOR A MORE SUSTAINABLE FUTURE

Precise Illumination
The choice of lenses facilitates compliance with TIA942, delivering the recommended lux levels on the vertical faces of server racks.

Efficient
Producing 165 l.lm/c.W, BROADWAY helps data centres to achieve their power usage effectiveness (PUE) targets.

Temperature
The design of BROADWAY, with the driver in a separate compartment from the LEDs, helps keep internal temperatures down. That's how BROADWAY is warranted to 45°C ambient and yet still retains its 100,000 hours rated life.

Easy Maintenance
The central gear housing is hinged opened from below, so maintenance of the driver and any emergency modules, batteries and sensors is easy. No access through the rear of the fitting is required.
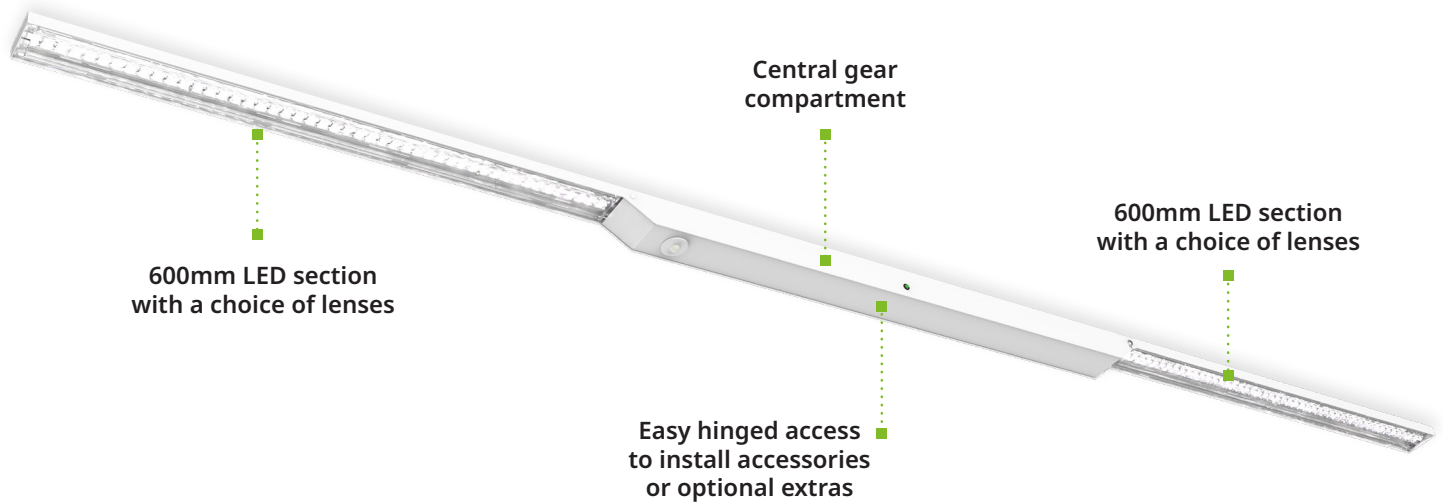
Locally Assembled
Assembled in UK using parts sourced in Europe.

Sustainable
BROADWAY is designed on TM66 principles, so that components can be re-purposed when the fitting as a whole reaches the end of its life.
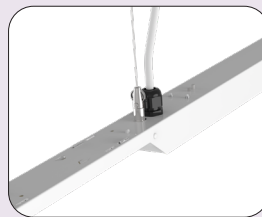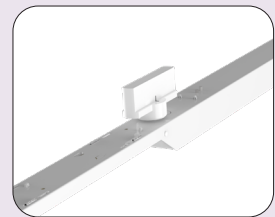
BROADWAY

Central gear
compartment

600mm LED section
with a choice of lenses

600mm LED section
with a choice of lenses

Easy hinged access
to install accessories
or optional extras

Multiple mounting options

Surface mounted

Wire suspended
wire suspension kits listed opposite

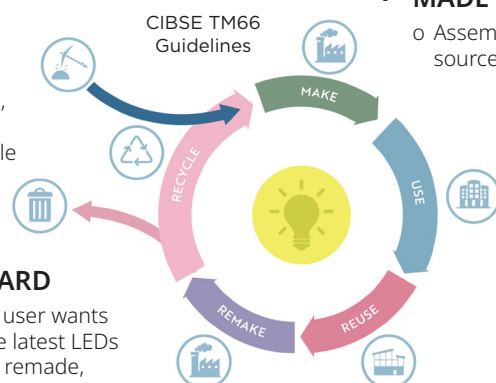Track mounting option

MADE FOR A CIRCULAR ECONOMY

TM66 is the CIBSE guide to "Creating a Circular Economy in the Lighting Industry". Compliance requires us to keep products at their highest value for as long as possible – not just recycle them as their performance declines with age.

CIBSE TM66
Guidelines

- **RECYCLABLE**
  When end of life is reached, BROADWAY is simple and cost-effective to disassemble

- **REMAKE – DON'T DISCARD**
  If the building changes or the user wants to upgrade in the future to the latest LEDs and driver, BROADWAY can be remade, rather than discarded and replaced

- **MADE IN THE UK**
  o Assembled locally from components sourced in Europe

- **USE, KEEP USING**
  o Designed for long-term use at high ambient temperatures
  o All replaceable items, such as the driver, sensors and emergency batteries, are easily accessible and secured on simple clips or screws, so replacement is easy

BROADWAY

OP1, 90º light distribution - White body

ORDER CODE	BODY COLOUR	POWER (W)	LUMENS (lm)	EFFICACY (l.lm/c.W)	OPTICAL DIRECTION	CRI	CCT (K)
NBW/10/WH/OP1/840	White	11	1645	151	90º	>85	4000
NBW/15/WH/OP1/840	White	16	2419	156	90º	>85	4000
NBW/20/WH/OP1/840	White	20	3182	160	90º	>85	4000
NBW/25/WH/OP1/840	White	25	3933	160	90º	>85	4000
NBW/30/WH/OP1/840	White	30	4637	158	90º	>85	4000
NBW/35/WH/OP1/840	White	34	5377	157	90º	>85	4000
NBW/40/WH/OP1/840	White	39	6038	155	90º	>85	4000
NBW/45/WH/OP1/840	White	45	6703	148	90º	>85	4000
NBW/50/WH/OP1/840	White	50	7375	147	90º	>85	4000

OP1, 90º light distribution - Black body

ORDER CODE	BODY COLOUR	POWER (W)	LUMENS (lm)	EFFICACY (l.lm/c.W)	OPTICAL DIRECTION	CRI	CCT (K)
NBW/10/BK/OP1/840	Black	11	1645	151	90º	>85	4000
NBW/15/BK/OP1/840	Black	16	2419	156	90º	>85	4000
NBW/20/BK/OP1/840	Black	20	3182	160	90º	>85	4000
NBW/25/BK/OP1/840	Black	25	3933	160	90º	>85	4000
NBW/30/BK/OP1/840	Black	30	4637	158	90º	>85	4000
NBW/35/BK/OP1/840	Black	34	5377	157	90º	>85	4000
NBW/40/BK/OP1/840	Black	39	6038	155	90º	>85	4000
NBW/45/BK/OP1/840	Black	45	6703	148	90º	>85	4000
NBW/50/BK/OP1/840	Black	50	7375	147	90º	>85	4000

OP2, 60º light distribution - White body

ORDER CODE	BODY COLOUR	POWER (W)	LUMENS (lm)	EFFICACY (l.lm/c.W)	OPTICAL DIRECTION	CRI	CCT (K)
NBW/10/WH/OP2/840	White	11	1652	151	60º	>85	4000
NBW/15/WH/OP2/840	White	16	2461	158	60º	>85	4000
NBW/20/WH/OP2/840	White	20	3304	165	60º	>85	4000
NBW/25/WH/OP2/840	White	25	4033	164	60º	>85	4000
NBW/30/WH/OP2/840	White	30	4803	164	60º	>85	4000
NBW/35/WH/OP2/840	White	34	5562	163	60º	>85	4000
NBW/40/WH/OP2/840	White	39	6274	161	60º	>85	4000
NBW/45/WH/OP2/840	White	45	7047	156	60º	>85	4000
NBW/50/WH/OP2/840	White	50	7812	156	60º	>85	4000

OP2, 60º light distribution - Black body

ORDER CODE	BODY COLOUR	POWER (W)	LUMENS (lm)	EFFICACY (l.lm/c.W)	OPTICAL DIRECTION	CRI	CCT (K)
NBW/10/BK/OP2/840	Black	11	1652	151	60°	>85	4000
NBW/15/BK/OP2/840	Black	16	2461	158	60°	>85	4000
NBW/20/BK/OP2/840	Black	20	3304	165	60°	>85	4000
NBW/25/BK/OP2/840	Black	25	4033	164	60°	>85	4000
NBW/30/BK/OP2/840	Black	30	4803	164	60°	>85	4000
NBW/35/BK/OP2/840	Black	34	5562	163	60°	>85	4000
NBW/40/BK/OP2/840	Black	39	6274	161	60°	>85	4000
NBW/45/BK/OP2/840	Black	45	7047	156	60°	>85	4000
NBW/50/BK/OP2/840	Black	50	7812	156	60°	>85	4000

Accessories

ORDER CODE	DESCRIPTION
NBW/WIRE/SUSP/KIT	Wire Suspension Kit For Broadway - 1.5m
NBW/WIRE/SUSP/KIT/3M	Wire Suspension Kit For Broadway - 3m