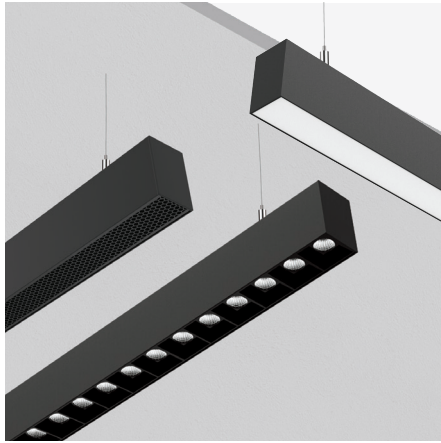
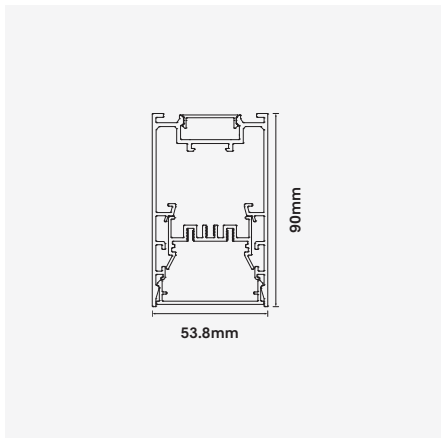


Morph-50-DI

Suspended Mounted Direct /
Indirect Linear LED Profile

Luminaire Finishes

- ☐ Matt White (WH)
 ☐ Matt Black (BK)
- ☐ Silver (SV)
 ☐ Custom



Diffuser options

Opal PC (OP)
Opal Polycarbonate



Micro prismatic (UGR)
Low UGR<19 Diffuser



Honeycomb (HC)



Accessories

6-Cell module (CELL)
15°, 30°, 45°



Emergency module (EM)
Classification C0/D90, D40/D40



Sensor (SEN)
Ambient light sensor and motion sensor



WATTAGE 22W-56W

CRI (Ra) >85

IP 44

Bluetooth



WARRANTY 5YR

3-Step

DIRECT 110°

INDIRECT 90°

Emergency

Suspended

Morph-50 LED linear lighting system is a configurable lighting system that uses customisable linear profiles, inserts and accessories to create unique application specific luminaires. The system gives engineers, designers and contractors the ability to create different lighting scenarios and environments in a single luminaire design. It is available as standard in a diffused zero dot LED PMMA diffuser for low visual glare. A single low glare downlight or multiple cell insert can also be integrated into the system to provide a fixed light point or even point source dispersion.

Regardless of the configuration Morph-50 can be wire or rod suspended for a range of applications. The Morph-50 integrates Vossloh Schwabe LEDs and controls, plus optional DALI-2 or Bluetooth dimming. Systems are backed by a 5 year warranty.

- Luminaire wattage/m: 22W, 38W, 56W (System 26W, 44W, 64W)
- Luminous flux/m: 3416-3640Lm, 6186-6360Lm, 7616-8176Lm²
- Luminaire efficacy/m: 140Lm/W, 144.54Lm/W, 127.75Lm/W¹
- LED working current: 150mA, 250mA, 350mA
- Correlated colour temperature: 3000K, 4000K, 5000K
- Colour rendering index: >85³
- Mac-Adams Ellipse: 3-SDCM
- LED Brand: Vossloh-Schwabe (Nichia SMD)
- LED mounting: Zhaga compliant mounting
- Longevity: >72,000Hrs L80 B10
- Diffuser options: Opal PMMA, Low UGR <19 Micro-prismatic, Honeycomb louvre⁴
- Distribution: 110° opal diffuser, 90° micro-prismatic
- Ingress protection rating: IP44
- Luminaire finish: White, Black, Silver, Custom⁴
- Luminaire dimensions: Width 54 x Height 90mm
- Driver: Non-dimmable Vossloh-Schwabe LED driver as standard
- Dimming: DALI-2, BLE (Casambi) on request⁴
- Accessories: Emergency, occupancy sensor, 6-Cell modules⁴
- Weight/m: 2.90Kg (inc. non-dimmable)
- Warranty: 5 years⁵

Direct Illumination

Model	LED Output/m ²	Luminous Flux/m ²	LED Wattage/m	System Wattage/m	CCT	CRI ³	Distribution	Current
MORPH-50-DI-X-11W-3K	2135Lm	1708Lm	11W	13W	3000K	>85	110°	150mA
MORPH-50-DI-X-11W-4K	2275Lm	1820Lm	11W	13W	4000K	>85	110°	150mA
MORPH-50-DI-X-11W-5K	2275Lm	1820Lm	11W	13W	5000K	>85	110°	150mA
MORPH-50-DI-X-19W-3K	3465Lm	3093Lm	19W	22W	3000K	>85	110°	250mA
MORPH-50-DI-X-19W-4K	3710Lm	3180Lm	19W	22W	4000K	>85	110°	250mA
MORPH-50-DI-X-19W-5K	3710Lm	3180Lm	19W	22W	5000K	>85	110°	250mA
MORPH-50-DI-X-28W-3K	4760Lm	3808Lm	28W	32W	3000K	>85	110°	350mA
MORPH-50-DI-X-28W-4K	5110Lm	4088Lm	28W	32W	4000K	>85	110°	350mA
MORPH-50-DI-X-28W-5K	5110Lm	4088Lm	28W	32W	5000K	>85	110°	350mA

Indirect Illumination

Model	LED Output/m ²	Luminous Flux/m ²	LED Wattage/m	System Wattage/m	CCT	CRI ³	Distribution	Current
MORPH-50-DI-X-11W-3K	2135Lm	1450Lm	11W	13W	3000K	>85	90°	150mA
MORPH-50-DI-X-11W-4K	2275Lm	1550Lm	11W	13W	4000K	>85	90°	150mA
MORPH-50-DI-X-11W-5K	2275Lm	1550Lm	11W	13W	5000K	>85	90°	150mA
MORPH-50-DI-X-19W-3K	3465Lm	2630Lm	19W	22W	3000K	>85	90°	250mA
MORPH-50-DI-X-19W-4K	3710Lm	2700Lm	19W	22W	4000K	>85	90°	250mA
MORPH-50-DI-X-19W-5K	3710Lm	2700Lm	19W	22W	5000K	>85	90°	250mA
MORPH-50-DI-X-28W-3K	4760Lm	3240Lm	28W	32W	3000K	>85	90°	350mA
MORPH-50-DI-X-28W-4K	5110Lm	3480Lm	28W	32W	4000K	>85	90°	350mA
MORPH-50-DI-X-28W-5K	5110Lm	3480Lm	28W	32W	5000K	>85	90°	350mA

For Non-dimming add suffix ND
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

Replace X with WSUS for wire suspension
Replace X with RSUS for rod suspension

Example product order code configuration: MOPRH-50-DI-WSUS-11W/11W-4K-D-(WH/HC)

Model	Suspension type		Direct Wattage/m		Indirect Wattage/m		CCT	Driver	Luminaire Finish / Diffuser			
MORPH-50-DI	+	WSUS	+	11W	+	11W	+	4K	+	D	+	WH/HC

Morph-50-DI

Suspended Mounted Direct / Indirect Linear LED Profile

Accessories (Continued)

Wire Suspension Kit (WSUS)

Part No: SUSKIT-3M-SIL

Colour: Silver

Length: 3m Adjustable



Wire Suspension Kit (WSUS)

Part No: SUSKIT-3M-BLK

Colour: Black

Length: 3m Adjustable



Rod Suspension Kit (RSUS)

Part No: ROD-SUS-KIT-1M-WHT

Colour: White

Length: 1m Adjustable



Rod Suspension Kit (RSUS)

Part No: ROD-SUS-KIT-1M-BLK

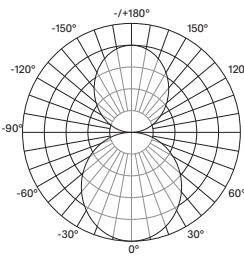
Colour: Black

Length: 1m Adjustable



Light Distribution

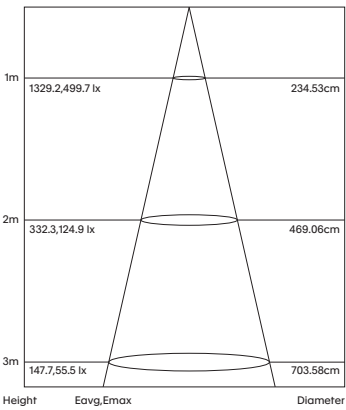
MORPH-50-DI-30W-4K



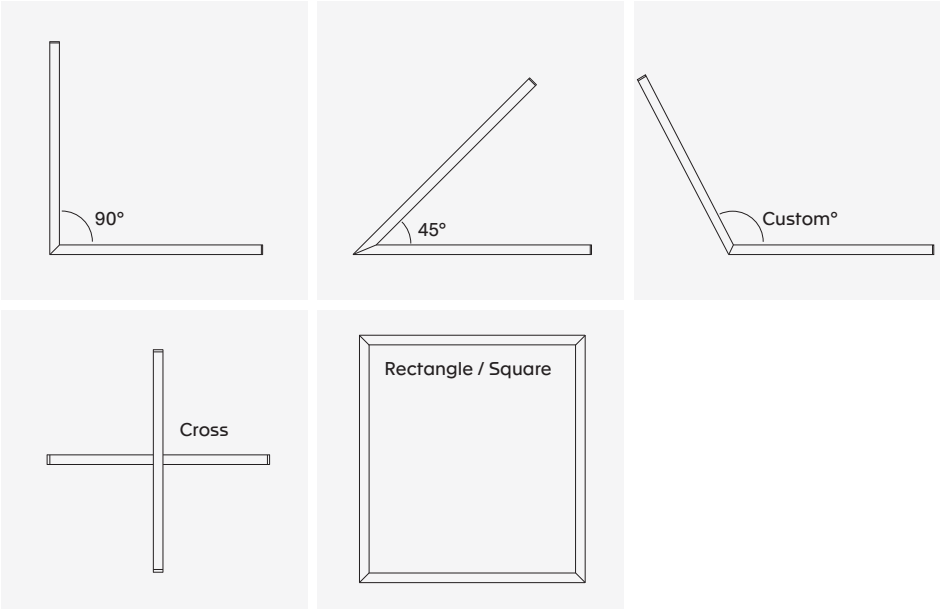
Room Reflectance			Utilisation Factors									
Ceiling	Walls	Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
70	50	20	53	62	70	75	83	88	92	97	100	

Light output ratio		
LOR	100%	
ULOR	0%	
DLOR	100%	
FFR	0.00 (0:100)	
BLF	1.00	
LUMINANCE cd/(m²)		
G(DEG)	C0/180	C90/270
85	9016	13550
80	12636	14723
75	14392	16142
70	15742	17518
65	16904	18681
60	18045	19732
55	19072	20711
50	20055	21592
45	21028	22438

Cone Diagram



Custom profile configuration



1 Luminaire efficacy based on CCT 4000K; CCT variation will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index; >85 Standard (Nichia SMD LED series)
4 Charges apply for non-standard colour/s, accessories and dimming options
5 Five year manufacturer's warranty covering product defects and performance deficiencies