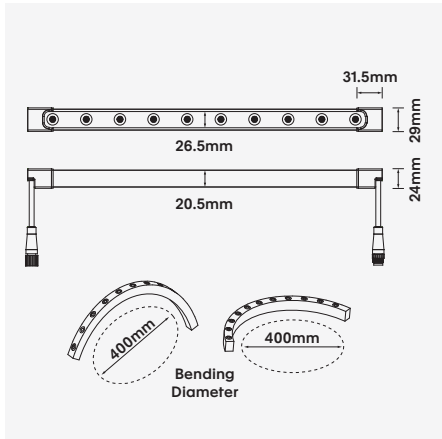


## Intense-3D-Optic

### 24W Flexible 3D Bending Optical Flex



#### Accessories

##### INTENSE-3D-OPTIC-X

MC W29mm x H27.4mm x L30mm



##### MP Mounting Profile

W29mm x H27.4mm x L1000mm



##### AC Adjustable Mounting Bracket

(Requires mounting profile to be used)



WATTAGE 24W	15°, 30°, 50°, 20°35', 18°20', 20°55'	Bluetooth	CE	WARRANTY 5YR		
3-Step	IP 65	24VDC	CRI (Ra) >80	UV Resistance	Saltwater Resistance	3D BEND
DMX → RDM ←	SINGLE BIN					

Intense-3D-Optic presents an efficient and versatile 24V flexible top and side bending LED neon system with a range of applications. Intense-3D-Optic features advanced LED optical technology, high colour rendering capability as standard and a flexible silicon exterior.

IP65 rated and UV stable it is capable of withstanding most harsh exterior applications including damp environments. It is suitable for landscape architecture and residential interior applications where a focused or grazing continuous line of light is needed, even around bends.

Integrating branded constant voltage LED drivers from brands such as Vossloh-Schwabe, Tridonic or Meanwell with DALI-2 or Bluetooth dimming available on request, the Intense series comes with a 5 year warranty.

- Luminaire wattage/m: 24W
- Luminous flux/m: 1482-1583Lm<sup>2</sup>
- Luminaire efficacy: 61.75Lm/W<sup>1</sup>
- Correlated colour temperature: 2700K, 3000K, 4000K
- Colour rendering index: >80<sup>3</sup>
- Single Bin CCT selection
- LED Source / Quantity: SMD2835; 24pcs/m
- Distribution options: 15°, 30°, 50°, 20°35', 18°20', 20°55°
- Minimum Cuttable Section: 250mm (group of 6 x SMD LED)
- Ingress protection rating: IP65
- Longevity: >50,000Hrs L80
- Installation: Aluminium mounting (fixed / adjustable), aluminium mounting profile optional<sup>4</sup>
- Driver: Requires 24VDC non-dimmable constant voltage LED driver<sup>4</sup>
- Dimming: Remote DALI-2, BLE (basicDIM Wireless / Casambi), DMX-512 on request<sup>4</sup>
- Warranty: 5 years<sup>5</sup>

Model	Luminous Flux/m <sup>2</sup>	LED Wattage/m	CCT	CRI <sup>3</sup>	Distribution	Max. Continuous Length/m
INTENSE-3D-OPTIC-24W-27K	1482Lm	24W	2700K	>80	15°, 30°, 50°, 20°35', 18°20', 20°55°	5m
INTENSE-3D-OPTIC-24W-3K	1545Lm	24W	3000K	>80	15°, 30°, 50°, 20°35', 18°20', 20°55°	5m
INTENSE-3D-OPTIC-24W-4K	1583Lm	24W	4000K	>80	15°, 30°, 50°, 20°35', 18°20', 20°55°	5m

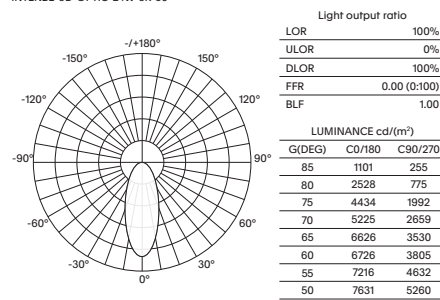
For Non-dimming add suffix ND  
For DALI-2 dimming add suffix D  
For BLUETOOTH dimming add suffix BT  
For DMX-512 dimming add suffix DMX

Example product order code configuration: INTENSE-3D-OPTIC-24W-3K-30-D

Model	Wattage	CCT	Driver
INTENSE-3D-OPTIC	24W	3K	D

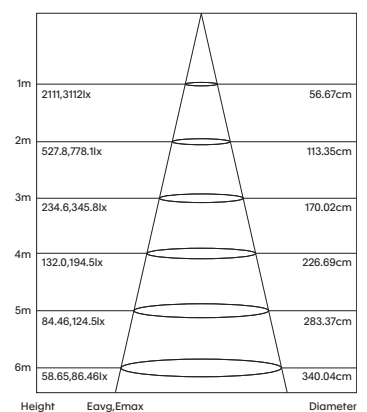
#### Light Distribution

INTENSE-3D-OPTIC-24W-3K-30



Room Reflectance	Utilisation Factors									
	Ceiling		Walls		Floor		Room Index			
70	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
50	0.70	0.86	1.01	1.16	1.50	1.80	2.10	2.40	2.70	3.00
20	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50

#### Cone Diagram



- 1 Luminaire efficacy based on CCT 3000K; CCT variation will alter efficacy
- 2 +/- 10° stated initial LED and Luminous Flux tolerance
- 3 Colour Rendering Index: >90 Standard
- 4 Charges apply for non-standard colour/s, LED drivers and dimming options
- 5 Five year manufacturer's warranty covering product defects and performance deficiencies