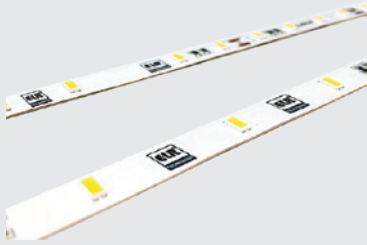


LEO FLEX

2W / 5W / 8W / 16W
PROFESSIONAL FLEXIBLE
LED STRIPS



- 24V constant voltage strips
- >125 lm/W module
- Colour rendering index, ProART Ra~95, Standard Ra~85
- Colour temperature options: 2200K, 2700K, 3000K, 3500K, 4000K, 5000K
- 3 steps MacAdam ellipse binning
- >50,000 hours at L80
- Small LED pitch distance for light homogeneity
- IP20 or Silicon Sleeve IP67
- Ship in 5m reels
- Max. continuous running length

Wattage (w)	2	5	8	16
Length (m)	18	11	8	6

APPLICATION

- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

TECHNOLOGY BENEFITS

- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

3M mounting tape

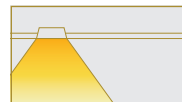
AVAILABLE OPTIONS

TEMPERATURE



BEAM ANGLE

LEO FLEX



SYSTEM SPECIFICATIONS

			STANDARD CRI 85	PROART CRI 95
LED Power	Colour	Beam Angle	Luminous Flux	Luminous Flux
2W	CANDLE : 2200K	120	175	140
	WARM : 2700K WARM : 3000K NATURAL : 3500K NATURAL : 4000K COOL : 5000K		250	200
5W	CANDLE : 2200K		438	350
	WARM : 2700K WARM : 3000K NATURAL : 3500K NATURAL : 4000K COOL : 5000K		625	500
8W	CANDLE : 2200K		700	560
	WARM : 2700K WARM : 3000K NATURAL : 3500K NATURAL : 4000K COOL : 5000K		1000	800
16W	CANDLE : 2200K		1400	1120
	WARM : 2700K WARM : 3000K NATURAL : 3500K NATURAL : 4000K COOL : 5000K		2000	1600

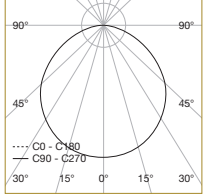
DETAILS SPECIFICATION

Family Type	LEO FLEX
Voltage	24V DC dimmable
Colour options	2200K, 2700K, 3000K, 3500K, 4000K, and 5000K
Installation Compatibility	3M adhesive back on surfaces, or with LEO-20 or LEO-30 aluminium profile
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C)
Connection	Terminal wires or IP67 connector
Materials	Hi grade flexible-PCB
Fire safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability mark	F
Ta (°C)	-20....+50°C
Maximum Continuous Run	2W = 18 metres 5W = 11 metres 8W = 8 metres 16W = 6 metres
IP code	IP20 or IP67 Silicon Sleeve cover
Safety class	Class 2
Cut length, LED pitch, No. LED per meter	2W - 16.6 cm (cut), 3.2 cm (pitch), 30 LEDs/m 5W - 12.5 cm (cut), 2 cm (pitch), 48 LEDs/m 8W - 8.4 cm (cut), 1.2 cm (pitch), 72 LEDs/m 16W - 4.2 cm (cut), 0.6 cm (pitch), 144 LEDs/m
Width / Height	Strips, 10 mm x 2.5 mm Silicon sleeve cover, 14 mm x 5 mm
Standards	IEC 62031, IEC 62471
Regulatory markings	CE, RCM, RoHS, REACH

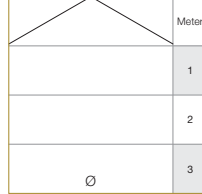
PHOTOMETRICS

LEO FLEX

POLAR DIAGRAM



CONE DIAGRAM

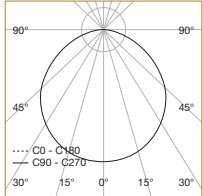


2W

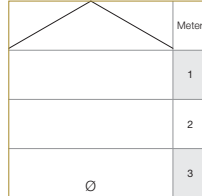
		Emax (lx)
		120°
E (0°)		24
Cone DØ (m)		2.88
E (0°)		6
Cone DØ (m)		5.76
E (0°)		3
Cone DØ (m)		8.64

Ø = DIAMETER

POLAR DIAGRAM



CONE DIAGRAM

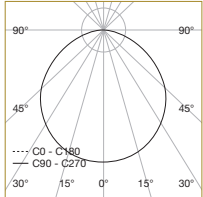


5W

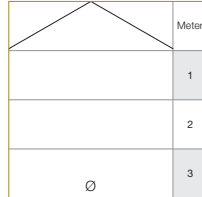
		Emax (lx)
		10°
E (0°)		73
Cone DØ (m)		2.88
E (0°)		18
Cone DØ (m)		5.76
E (0°)		8
Cone DØ (m)		8.64

Ø = DIAMETER

POLAR DIAGRAM



CONE DIAGRAM

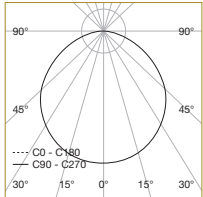


8W

		Emax (lx)
		12°
E (0°)		121
Cone DØ (m)		2.88
E (0°)		30
Cone DØ (m)		5.76
E (0°)		13
Cone DØ (m)		8.64

Ø = DIAMETER

POLAR DIAGRAM



CONE DIAGRAM

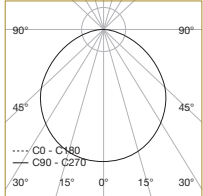


16W

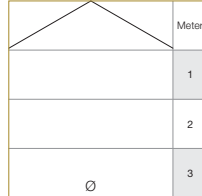
		Emax (lx)
		12°
E (0°)		242
Cone DØ (m)		2.88
E (0°)		61
Cone DØ (m)		5.76
E (0°)		27
Cone DØ (m)		8.64

Ø = DIAMETER

POLAR DIAGRAM



CONE DIAGRAM



13W 2CH

		Emax (lx)
		15°
E (0°)		193
Cone DØ (m)		2.88
E (0°)		48
Cone DØ (m)		5.76
E (0°)		21
Cone DØ (m)		8.64

Ø = DIAMETER

FLEXIBLE STRIPS

ORDERING MATRIX CHART

LEO FLEX					
Type	LED Power	Colour Temp	CRI	Length	Option
LEO-F LEO FLEX	---	---	---	---	---
	2 2W	22 2200K	Standard	5M 5 Metres	Bare Strip
	5 5W	27 2700K	PA ProART		SS Silicon Sleeve
	8 8W	30 3000K			
	16 16W	35 3500K			
		40 4000K			
		50 5000K			

example: LEO-F.8.22.PA.5M.SS

LEO FLEX WARM DIM					
Type	LED Power	Colour Temp	CRI	Length	Option
LEO-F LEO FLEX	---	---	---	---	---
	13 13W	WD WARM DIM	PA ProART	5M 5 Metres	Bare Strip
					SS Silicon Sleeve

example: LEO-F.13.WD.PA.5M.SS

LEO FLEX tuneWHITE™					
Type	LED Power	Colour Temp	CRI	Length	Option
LEO-F LEO FLEX	---	---	---	---	---
	13 13W	TW tuneWHITE™	PA ProART	5M 5 Metres	Bare Strip
					SS Silicon Sleeve

example: LEO-F.13.TW.PA.5M.SS