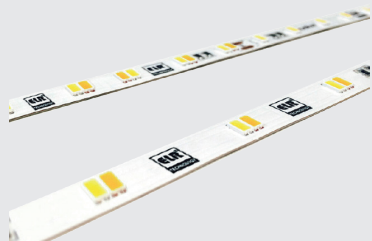


# LEO FLEX WARM DIM

## PROFESSIONAL FLEXIBLE LED STRIPS



- 24V constant voltage strips
- >125 lm/W module
- Colour rendering index, ProART Ra~95
- Colour temperature options: WARM DIM 2200K to 2700K
- 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

### APPLICATION

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

### TECHNOLOGY BENEFITS

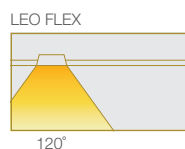
- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

**3M** mouting tape

### AVAILABLE OPTIONS



### BEAM ANGLE



### SYSTEM SPECIFICATIONS

				PROART CRI 95
LED Power	Colour	CCT(K)	Beam Angle	Luminous Flux
13W	WARM DIM	2200K ~ 2700K	120	1040

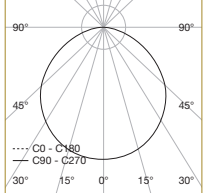
### DETAILS SPECIFICATION

Family Type	LEO FLEX WARM DIM
Voltage	24V DC dimmable
Colour options	2200K - 2700K
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	5 metres
IP code	IP20 or IP67 Silicon Sleeve cover
Safety class	Class 2
Cut length, LED pitch, No. LED per meter	6.25 cm (cut), 0.5 cm (pitch), 224 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

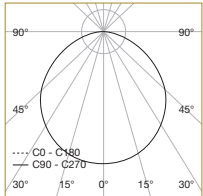


2W

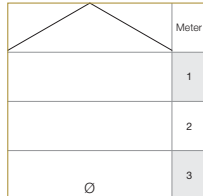
		Emax (lx)
		120°
E (0°)		24
Cone DØ (m)		2.88
E (0°)		6
Cone DØ (m)		5.76
E (0°)		3
Cone DØ (m)		8.64

Ø = DIAMETER

POLAR DIAGRAM



CONE DIAGRAM

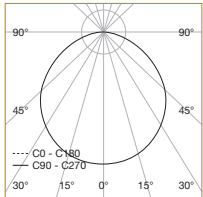


5W

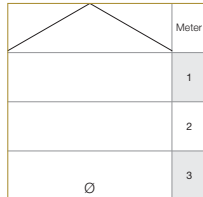
		Emax (lx)
		10°
E (0°)		73
Cone DØ (m)		2.88
E (0°)		18
Cone DØ (m)		5.76
E (0°)		8
Cone DØ (m)		8.64

Ø = DIAMETER

POLAR DIAGRAM



CONE DIAGRAM

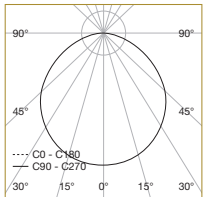


8W

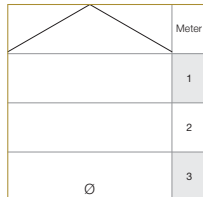
		Emax (lx)
		12°
E (0°)		121
Cone DØ (m)		2.88
E (0°)		30
Cone DØ (m)		5.76
E (0°)		13
Cone DØ (m)		8.64

Ø = DIAMETER

POLAR DIAGRAM



CONE DIAGRAM

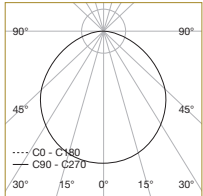


16W

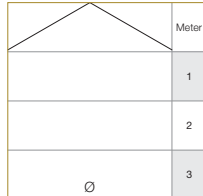
		Emax (lx)
		12°
E (0°)		242
Cone DØ (m)		2.88
E (0°)		61
Cone DØ (m)		5.76
E (0°)		27
Cone DØ (m)		8.64

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	
<b>LEO-F</b> LEO FLEX	---	---	---	---	---	
	<b>2</b> 2W	<b>22</b> 2200K	Standard	<b>5M</b> 5 Metres	Bare Strip	
	<b>5</b> 5W	<b>27</b> 2700K	<b>PA</b> ProART		<b>SS</b> Silicon Sleeve	
	<b>8</b> 8W	<b>30</b> 3000K				
	<b>16</b> 16W	<b>35</b> 3500K				
		<b>40</b> 4000K				
		<b>50</b> 5000K				

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

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

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

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

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