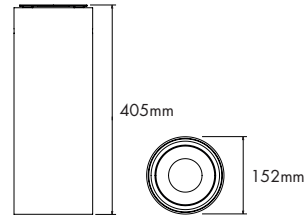


Micro 120 Surface



Description

The Micro 120 Surface is a surface mounted cylinder luminaire with an integral driver. Designed for maximum visual comfort, the Micro 120 Surface has a deep set soft bezel and is supplied with a softening lens as standard. Available in alphaLED's wide range of lumen outputs, colour temperature, beam angle, colour fidelity and accessory options.



Product Options

Light Source



Output



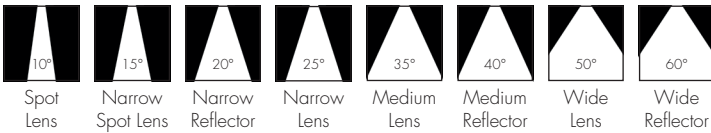
Colour Temperature



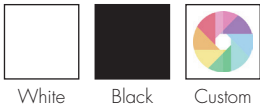
Colour Fidelity



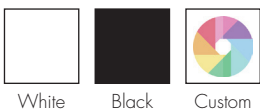
Beam Angle



Body Colour



Bezel Colour



Accessories



Product Bulider

		Availability	XTM	XOB
		Light Source		
(XT)		XTM	○	-
(XO)		XOB	-	○
		Lumen Output		
(05)		500lm	○	○
(07)		700lm	○	○
(10)		1000lm	○	○
(13)		1300lm	○	○
(20)		2000lm	○	○
(30)		3000lm	○	○
(40)		4000lm	○	○
		Colour Temperature		
(22)		2200k	○	-
(27)		2700k	○	○
(30)		3000k	○	○
(35)		3500k	○	-
(40)		4000k	○	○
(56)		5600k	○	-
		Colour Fidelity		
(80)		CRI 80+	○	-
(98)		CRI 98	○	-
(V8)		Vibrancy 80	○	-
(V9)		Vibrancy 98	○	-
(90)		Designer Series 90	○	○
(BT)		Beauty Series	○	-
		Beam Angle		
(SL)		Spot Lens 10°	-	○
(2L)		Narrow Spot Lens 15°	○	○
(NR)		Narrow Reflector 20°	○	-
(NL)		Narrow Lens 25°	○	○
(ML)		Medium Lens 35°	○	○
(MR)		Medium Reflector 40°	○	○
(WL)		Wide Lens 50°	○	○
(WR)		Wide Reflector 60°	○	○
		Body Colour		
(W)		White	○	○
(B)		Black	○	○
(P)		Custom Colour	○	○
		Bezel Colour		
(Wl)		White	○	○
(Bl)		Black	○	○
(Pl)		Custom Colour	○	○
		Control		
/DD	DALI	/PH	Phase	
/DP	DALI Pro	/BX	BLE Xicato	
/DA	1-10v	/BC	BLE Casambi	
/AP	0.1-10v			
		Accessories		
/HL	Honeycomb Louvre			
/CG	Clear Glass			
/RG	Spreader Lens			
		Emergency		
/M3	3 hour Maintained			
/ST	Self Test			
/DE	DALI Emergency			
		Key		
	Available		○	
	Not Available		-	

Micro 120 Surface - XTM

Colour Fidelity		CRI80+ / Vibrancy 80 ¹								Designer Series CRI90								CRI98 / Vibrancy 98 ²								Beauty Series										
		500lm	700lm	1000lm	1300lm	2000lm	3000lm	4000lm	5000lm	500lm	700lm	1000lm	1300lm	2000lm	3000lm	4000lm	500lm	700lm	1000lm	1300lm	2000lm	3000lm	4000lm	500lm	700lm	1000lm	1300lm	2000lm								
Lumen Output																																				
Colour Temperature																																				
2200k	(22)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	⊙	⊙	-	-	-	-	-	-	-	-	-	-	
2700k	(27)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
3000k	(30)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
3500k	(35)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
4000k	(40)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
5600k	(56)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	⊙	⊙	○	-	-	-	-	-	-	-	-	-
Beam Angle																																				
Narrow Spot Lens 15°	(2L)	●	●	●	●	-	-	-	-	●	●	●	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-
Narrow Reflector 20°	(NR)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Narrow Lens 25°	(NL)	●	●	●	●	-	-	-	-	●	●	●	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Medium Lens 35°	(ML)	●	●	●	●	⊙	-	-	-	●	●	●	●	○	-	-	-	-	-	-	-	●	●	●	⊙	⊙	-	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Medium Reflector 40°	(MR)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Wide Lens 50°	(WL)	●	●	●	●	⊙	-	-	-	●	●	●	●	○	-	-	-	-	-	-	-	●	●	●	⊙	⊙	-	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Wide Reflector 60°	(WR)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Bezel Colour																																				
White	(W)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Black	(B)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Custom Colour	(P)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Bezel Colour																																				
White	(WI)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Black	(BI)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Custom Colour	(PI)	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Control																																				
Standard		●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
DALI	/DD	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
DALI Pro	/DP	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
1-10v	/DA	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	○	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
0.1-10v	/AP	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	○	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Phase	/PH	-	●	●	●	⊙	○	-	-	-	●	●	●	○	○	-	-	-	-	-	-	-	●	○	⊙	⊙	○	-	-	-	-	-	⊙	⊙	⊙	⊙
Bluetooth Casambi	/BC	-	●	●	●	⊙	○	○	-	-	●	●	●	○	○	-	-	-	-	-	-	-	●	○	⊙	⊙	○	-	-	-	-	-	⊙	⊙	⊙	⊙
Bluetooth Xicato	/BX	-	●	●	●	⊙	○	○	-	-	●	●	●	○	○	-	-	-	-	-	-	-	●	○	⊙	⊙	○	-	-	-	-	-	⊙	⊙	⊙	⊙
Emergency																																				
3hrs Maintained	/M3	●	●	●	●	⊙	-	-	-	●	●	●	○	-	-	-	-	-	-	-	-	●	●	●	⊙	⊙	-	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Self Test	/ST	●	●	●	●	⊙	-	-	-	●	●	●	●	○	-	-	-	-	-	-	-	●	●	●	⊙	⊙	-	-	-	-	-	⊙	⊙	⊙	⊙	⊙
DALI Emergency	/DE	●	●	●	●	⊙	-	-	-	●	●	●	●	○	-	-	-	-	-	-	-	●	●	●	⊙	⊙	-	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Accessories																																				
Honeycomb Louvre	/HL	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Clear Glass Lens	/CG	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Softening Lens ³	/SL	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙
Spread Lens	/RS	●	●	●	●	⊙	○	○	-	●	●	●	●	○	○	-	-	-	-	-	-	●	●	●	⊙	⊙	○	-	-	-	-	⊙	⊙	⊙	⊙	⊙

- Key**
- Available with all beam angles.
 - ⊙ Not available with Narrow Spot Lens 15° (2L) / Narrow Lens 25° (NL)
 - Not available with Narrow Spot Lens 15° (2L) / Narrow Lens 25° (NL) / Medium Lens 35° (ML) / Wide Lens 50° (WL)
 - Not available

Notes:
¹ Vibrancy 80 only available in 3000k.
² Vibrancy 98 only available in 3000k.
³ Softening lens supplied as standard.

Micro 120 Surface - XOB

Colour Fidelity		Designer Series CRI90						
Lumen Output		500lm	700lm	1000lm	1300lm	2000lm	3000lm	4000lm
Colour Temperature								
2700k	(27)	●	●	○	○	⊙	○	○
3000k	(30)	●	●	○	○	⊙	○	○
4000k	(40)	●	●	○	○	⊙	○	○
Beam Angle								
Spot Lens 10°	(SL)	●	●	○	○	-	-	-
Narrow Spot Lens 15°	(2L)	●	●	○	○	-	-	-
Narrow Lens 25°	(NL)	●	●	○	○	-	-	-
Medium Lens 35°	(ML)	●	●	○	○	⊙	-	-
Medium Reflector 45°	(MR)	●	●	○	○	⊙	○	○
Wide Lens 55°	(WL)	●	●	○	○	⊙	-	-
Wide Reflector 60°	(WR)	●	●	○	○	⊙	○	○
Bezel Colour								
White	(W)	●	●	○	○	⊙	○	○
Black	(B)	●	●	○	○	⊙	○	○
Custom Colour	(P)	●	●	○	○	⊙	○	○
Bezel Colour								
White	(WI)	●	●	○	○	⊙	○	○
Black	(BI)	●	●	○	○	⊙	○	○
Custom Colour	(PI)	●	●	○	○	⊙	○	○
Control								
Standard		●	●	○	○	⊙	○	○
DAII	/DD	●	●	○	○	⊙	○	○
DAII Pro	/DP	●	●	○	○	⊙	○	○
1-10v	/DA	●	●	○	○	⊙	○	○
0.1-10v	/AP	●	●	○	○	⊙	○	○
Phase	/PH	-	●	○	○	⊙	○	-
Bluetooth Casambi	/BC	-	●	○	○	⊙	○	○
Bluetooth Xicato	/BX	-	●	○	○	⊙	○	○
Emergency								
3hrs Maintained	/M3	●	●	○	○	⊙	○	○
Self Test	/ST	●	●	○	○	⊙	○	○
DAII Emergency	/DE	●	●	○	○	⊙	○	○
Accessories								
Honeycomb Louvre	/HL	●	●	○	○	⊙	○	○
Clear Glass Lens	/CG	●	●	○	○	⊙	○	○
Softening Lens ¹	/SL	●	●	○	○	⊙	○	○
Spread Lens	/RS	●	●	○	○	⊙	○	○

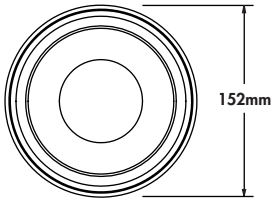
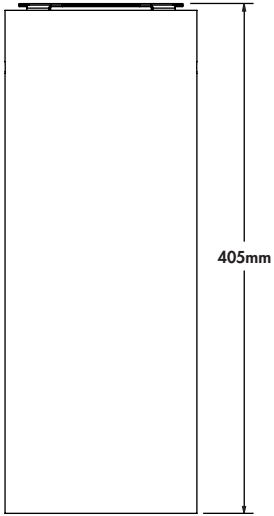
Key

- Available with all beam angles.
- Not available with Spot Lens 10° (SL)
- ⊙ Not available with Spot Lens 10° (SL) / Narrow Spot Lens 15° (2L) / Narrow Lens 25° (NL)
- Not available with Spot Lens 10° (SL) / Narrow Spot Lens 15° (2L) / Narrow Lens 25° (NL) / Medium Lens 35° (ML) / Wide Lens 55° (WL)
- Not available

Notes:
¹ Softening lens supplied as standard.

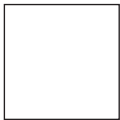
Micro 120 Surface

Dimensions



Paint Finish

Body



White
RAL 9003



Black
RAL 9004



Custom Colour

Bezel



White
RAL 9003



Black
RAL 9004



Custom Colour

Micro 120 Surface

Circuit Wattage

XTM - Total Circuit Wattage

Narrow Spot Lens 15° / Narrow Lens 25°

	CRI80+ / Vibrancy 80	Designer Series CRI90	CRI98 / Vibrancy 98 / Beauty Series
500lm	6.7W	6.7W	9.0W
700lm	9.0W	9.0W	12.9W
1000lm	12.9W	12.9W	18.4W
1300lm	18.4W	18.4W	-

Medium Lens 35° / Wide Lens 50°

	CRI80+ / Vibrancy 80	Designer Series CRI90	CRI98 / Vibrancy 98 / Beauty Series
500lm	4.4W	5.2W	5.6W
700lm	6.0W	6.8W	7.9W
1000lm	8.3W	9.6W	11.2W
1300lm	11.9W	13.6W	16.0W
2000lm	18.0W	20.1W	23.7W

Narrow Reflector 20° / Medium Reflector 40° / Wide Reflector 60°

	CRI80+ / Vibrancy 80	Designer Series CRI90	CRI98 / Vibrancy 98 / Beauty Series
500lm	4.4W	5.2W	5.6W
700lm	6.0W	6.8W	7.9W
1000lm	8.3W	9.6W	11.2W
1300lm	11.9W	13.6W	16.0W
2000lm	18.0W	20.1W	23.7W
3000lm	29.7W	29.7W	34.8W
4000lm	39.0W	-	-

XOB - Total Circuit Wattage

Spot Lens 10°

	Designer Series CRI90
500lm	5.9W
700lm	7.6W

Narrow Spot Lens 15° / Narrow Lens 25°

	Designer Series CRI90
500lm	5.3W
700lm	7.1W
1000lm	9.8W
1300lm	11.8W

Medium Lens 40° / Wide Lens 55°

	Designer Series CRI90
500lm	5.3W
700lm	7.1W
1000lm	9.8W
1300lm	11.8W
2000lm	17.5W

Medium Reflector 45° / Wide Reflector 60°

	Designer Series CRI90
500lm	5.3W
700lm	7.1W
1000lm	9.8W
1300lm	11.8W
2000lm	17.5W
3000lm	25.9W
4000lm	37.3W