

Micropoint 2 Surface



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Micropoint 2 is a high specification competitively priced surface mounted emergency LED luminaire utilising the latest LED and optic technology to provide an unobtrusive, high quality, high performance luminaire for indoor use where aesthetics are of prime importance. The Micropoint 2 has been designed for ease of installation, reduced power consumption, minimal maintenance, reducing the TCO (total cost of ownership) without compromising aesthetics. The innovative optic design used in the Micropoint 2, developed and produced by Eaton utilises light efficiently from the LED to provide a uniform distribution in either an escape route or open area anti-panic emergency lighting, improving the performance and reducing the electrical power consumption. Micropoint 2 utilises a touch sensitive keypad to improve ingress protection against water and dust.

- Versatile multi-functional use (escape and open area anti-panic)
- IP44 ingress protection suitable for bathrooms and wet environment
- Low power consumption reducing cost of ownership
- First fix base for ease of installation
- Excellent spacing reducing the quantity of fittings required
- 60,000 hour life LED for reduced maintenance
- Self-contained, slave, self test and addressable testing options

Lamp Options

- 1 x high power 1W white LED
- Consumption (maintained) - 6.9VA/5W
- Consumption (non-maintained) - 3.6VA/2.5W

Materials

- Luminaire enclosure - polycarbonate
- Battery - NiMh (self-contained version)
- Box - RAL9016

Installation Notes

- Surface mount
- First fix base with clip on fascia
- 20mm conduit entry on all four sides
- BESA box entry on base
- Supply connection accepts 2 x 2.5mm²

Options

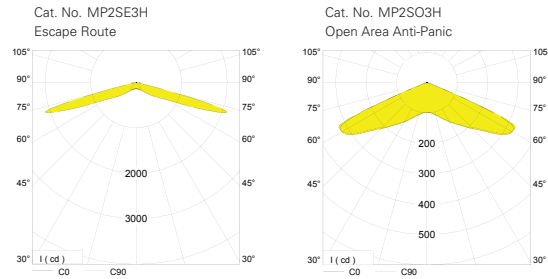
- Self-contained - maintained luminaire can be operated in non-maintained mode
- Can be used as security light with 4 pre-set light levels
- Intellem self-test (see page 283)
- CGLine+ addressable test system (see page 277)
- Central battery slave versions
- CEAG slave versions

Specification

Self-contained – To specify: Surface mount high performance LED, self-contained emergency luminaire with 1W LED to illuminate 20m escape route and NiMh Battery, as per Micropoint range, part no. _____

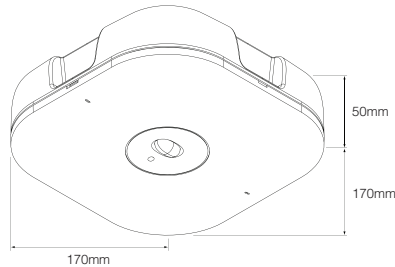
Self-test/Addressable test – To specify: Surface mount high performance LED intelligent self-testing/addressable testing compatible emergency luminaire with 1W LED to illuminate 20m escape route, as per Micropoint, part no. _____

Photometric Data

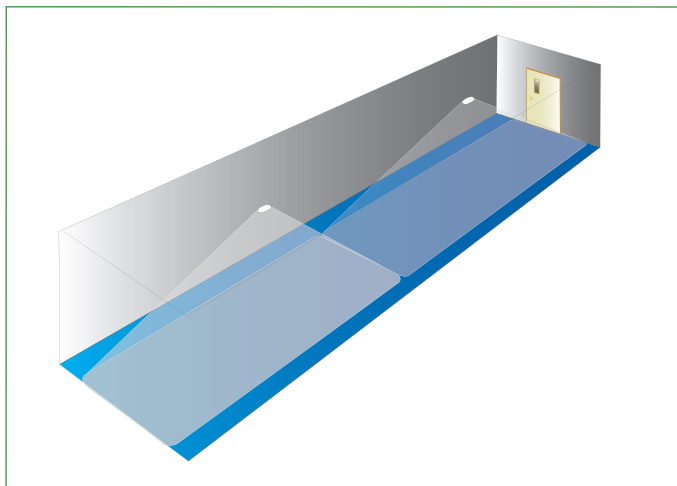


Mode	Mount height (m)	Lux level directly under	1/4	1/2	3/4	1
Escape optic (Asymmetric)			Escape Route 2m wide 1 lux min			
Self contained	2.5	2.7	-	-	16.6	7.5
	2.8	2.2	-	-	18.1	8.1
	3.0	1.9	-	-	19.1	8.3
Open Area optic (Symmetric)			Open (anti-panic) area 0.5 lux min			
Self contained	2.5	1.7	5.3	10.5	10.5	5.3
	2.8	1.4	5.7	11.5	11.5	5.7
	3.0	1.2	5.9	12.2	12.2	5.9
	4.0	0.67	4.9	12.5	12.5	4.9
Open Area optic (Symmetric)			Open area 1.0 lux min			
Self contained	2.5	1.7	4.3	9.4	9.4	4.3
	2.8	1.4	3.3	9.3	9.3	3.3
	3.0	1.2	3.2	9.2	9.2	3.2

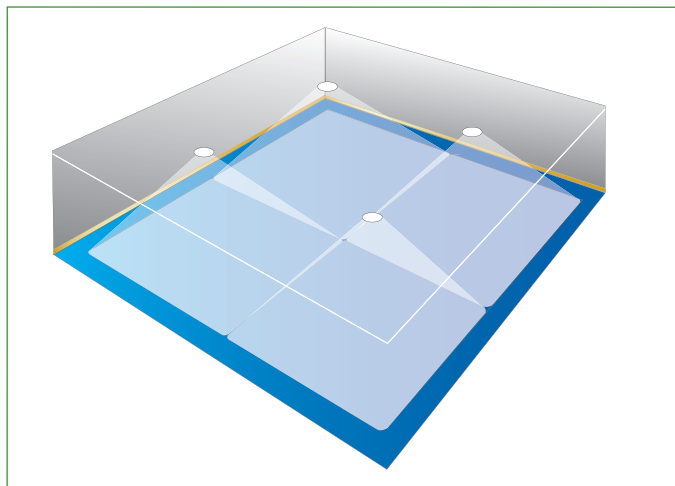
Dimensions



Escape Route (Asymmetric - 1 Lux)



Open Area (Symmetric - 0.5 Lux)



Catalogue Numbers

System Mode	Cat No	Weight (kg)
Maintained 3Hr Open Area	MP2SO3H	0.45
Maintained 3Hr Escape Route	MP2SE3H	0.45
Maintained 3Hr Open Area Intellem self test	MP2SO3HIS 	0.45
Maintained 3Hr Escape Route Intellem self test	MP2SE3HIS 	0.45
230V Mains Slave Open Area	MP2SOS230	0.25
230V Mains Slave Escape Route	MP2SES230	0.25
230V Mains Slave Open Area EasiCheck	MP2SOS230EC	0.25
230V Mains Slave Escape Route EasiCheck	MP2SES230EC	0.25
230V CEAG Slave Open Area	MP2SOS230CGS	0.24
230V CEAG Slave Escape Route	MP2SES230CGS	0.24
CGLine+		
Maintained 3Hr Open Area	MP2SO3HCGL	0.45
Maintained 3Hr Escape Route	MP2SE3HCGL	0.45