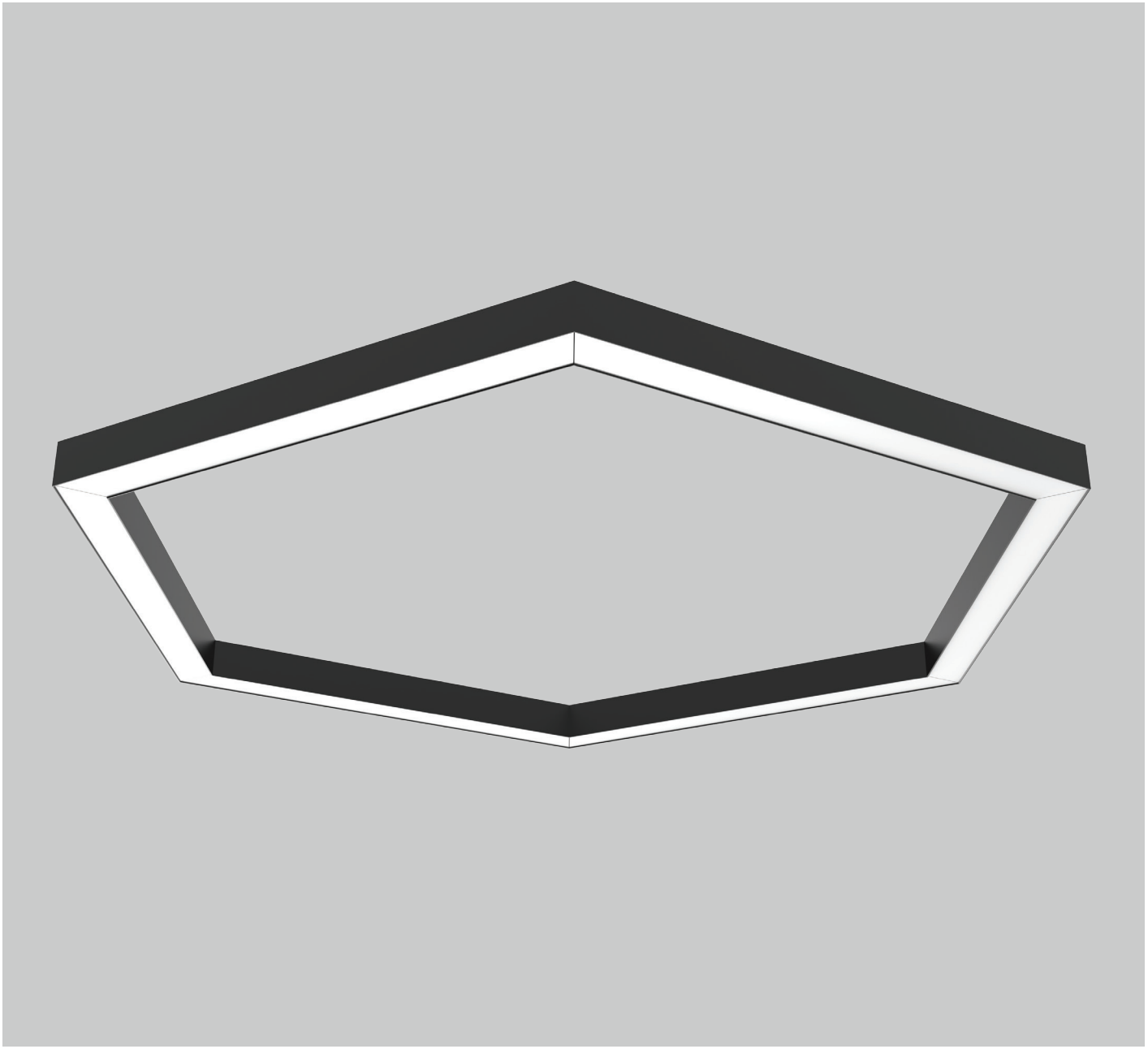
HEXA 1/50



IP20 | 220-240V 50/60 Hz | ≤3 MAC ADAM | CE

Luminaire made of extruded aluminum profile. High luminous efficacy optics with selection of diffusors. Direct lighting type. Top quality SMD LED modules with colour consistency MacAdams ≤ 3, extensive portfolio of lumen ranges, CCTs and spectra. Variety of drivers: standard EVG on/off, DALI and wireless controlled as MasterConnect or Casambi on request. Built-in or remote, wireless occupancy & daylight sensor available to allow significant energy savings and wireless connectivity. Mounting type: surface mounted or suspended. Standard colour RAL 9003S, any other colour from basic RAL range available at no extra cost. Variety of diffusors, lumen outputs and drivers allows to use this luminaire in different types of lighting projects. Wide selection of standard sizes. All accessories such as suspension wires or power cables should be ordered separately. Bespoke size on request.
Luminous flux & Luminaire Power tolerance up to 10%. System power consumption depends on components used. Luminous efficacy depends on type of LED's, electronics, optics and diffusor. The most up to date technical parameters can be found on our website and in database of LDT files.

Lighting direction:

PDF datasheet:

IMPERIAL reserves rights to introduce any construction or technical changes in the products.
Wattage of products may vary due to constant LED efficacy improvements.

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Mounting:	Surface mounted or suspended
Body material:	Aluminium profile
Colour:	Standard white RAL 9003M, other RAL colours on request
Lumen output:	Standard up to 4000 lm/meter, any other on request
LED module:	Signify (Philips), Tridonic or equivalent SMD LED modules
Colour temperature:	3000/4000K/2700-6500K TW other on request
Colour Rendering:	CRI>80 in standard, other on request
Driver:	EVG on-off/DALI/TW DT8/MC (MasterConnect)/Casambi, other on request
Wireless control:	Philips MasterConnect / Casambi, other on request
Daylight/Occupancy sensor:	Built-in IC sensor or wireless ICS sensor
Emergency unit:	On request
Operating temperature range:	0°C ... +35°C
IP Class:	IP20 in standard
Power:	220-240V 50/60Hz
Lighting direction:	Direct lighting
Light distribution:	Symmetric
Diffusor:	OP opal acrylic / MP19H microprismatic UGR<19
Optics:	White reflector
Beam angle:	All types available in our LDT file database
Warranty:	5 Years standard warranty

HEXA 1/50 DN surface mounted or suspended, light down, OP or MP19H diffusor.

All current index numbers, lumen outputs, power consumption and many other technical information are available in our 2024 pricelist.
Details on wireless lighting control systems on page number 896.

MC control

Energy saving MasterConnect wireless lighting control system with daylight and movement detection technology on request.

Zigbee Bluetooth

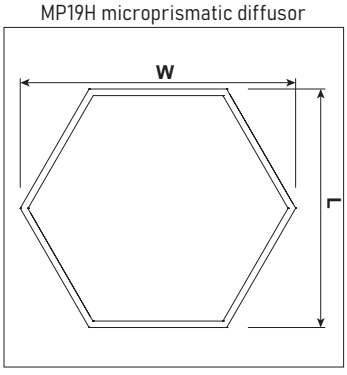
OP white acrylicl diffusor

MP19H microprismatic diffusor

ICSW wireless switch

ICS wireless daylight&occ sensor

IC daylight&occ sensor



Basic dimensions

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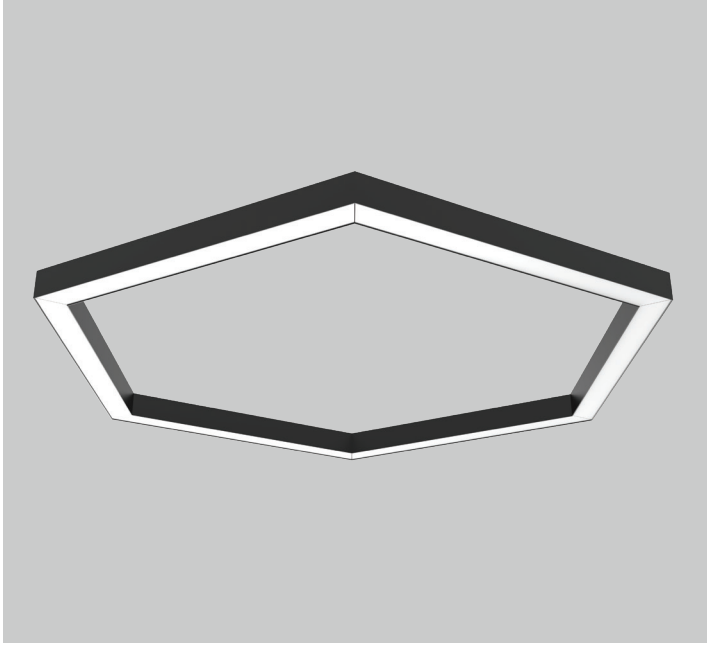

HEXA 1/50

Product code	Product name	Gross Lumen [lm]	Nett Lumen [lm]	Power [W]	Efficacy [lm/W]	Colour temperature [K]	Optics	Length [mm]	Width [mm]	Height [mm]	Nett Weight [kg]
Suspended luminaire, light down (suspension set included)											
10.02300.83.E.OP	HEXA 1/50 13200lm / 830 / E / OP	13200	10560	78	135	3000	Symmetrical	1490	1260	50	5,5
10.02300.84.E.OP	HEXA 1/50 13200lm / 840 / E / OP	13200	10560	78	135	4000	Symmetrical	1490	1260	50	5,5
10.02301.83.E.OP	HEXA 1/50 19800lm / 830 / E / OP	19800	15840	117	135	3000	Symmetrical	1770	1540	50	7,5
10.02301.84.E.OP	HEXA 1/50 19800lm / 840 / E / OP	19800	15840	117	135	4000	Symmetrical	1770	1540	50	7,5
10.02300.83.E.MPH	HEXA 1/50 13200lm / 830 / E / MPH	13200	10560	78	135	3000	Symmetrical	1490	1260	50	5,5
10.02300.84.E.MPH	HEXA 1/50 13200lm / 840 / E / MPH	13200	10560	78	135	4000	Symmetrical	1490	1260	50	5,5
10.02301.83.E.MPH	HEXA 1/50 19800lm / 830 / E / MPH	19800	15840	117	135	3000	Symmetrical	1770	1540	50	7,5
10.02301.84.E.MPH	HEXA 1/50 19800lm / 840 / E / MPH	19800	15840	117	135	4000	Symmetrical	1770	1540	50	7,5

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