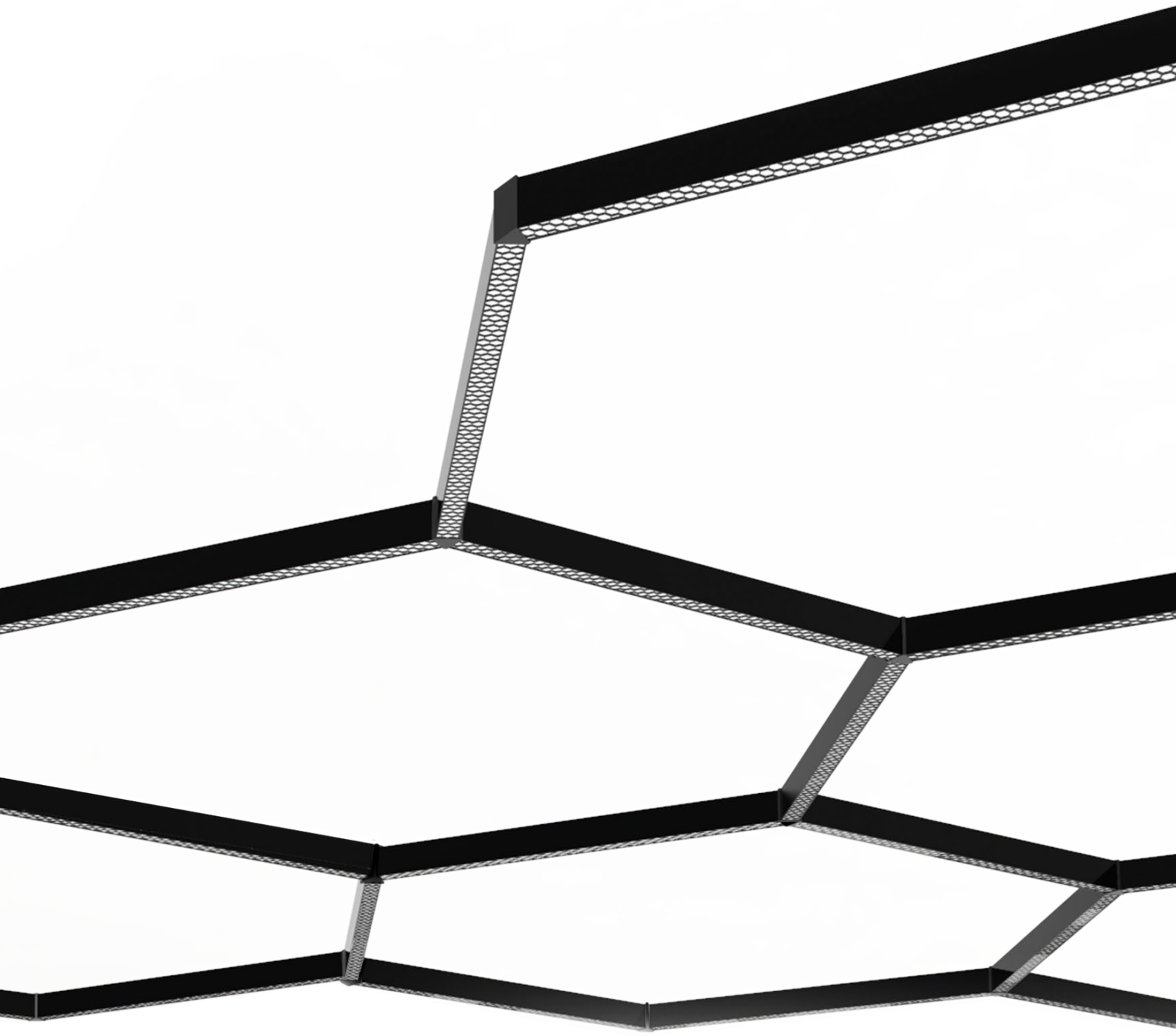
HOLECTRON



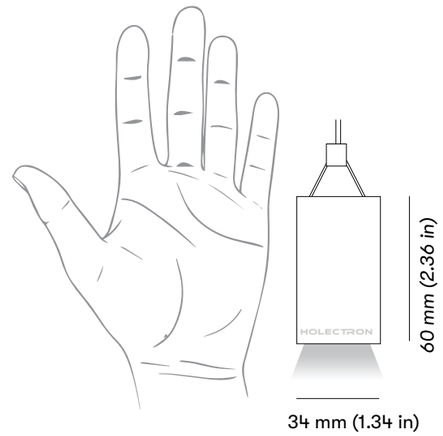
Neman
Mesh

Build unexpected

Surprising. Light up spaces in new creative and unexpected ways through use of highly modifiable shapes of Neman Mesh.

Adaptable. Build Mesh structures by joining different shapes and elements into a single network. Make luminaire part of your creative expression to create the genuine lighting masterpiece.

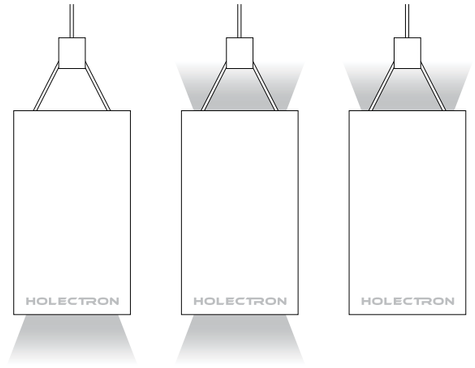
As vast and astounding as your imagination is.



One mesh, many options

Direct. Indirect. Or both?

Mesh system offers direct, Indirect and Direct/ Indirect modules that can be combined together in a single Mesh system



Technical details

Light output

Low output: 1500 lm/m

Standard output: 2100 lm/m

Spectrum

Static white: 2700K / 3000K / 3500K / 4000 K
CRI80+ / CR90+ / CRI95+

Tunable white: 2700-6500K / Custom CCT range
CRI80+ / CR90+ / CRI95+

Optics

Honeycomb / NemanX Louvre / Microprism / Opal

Feed cable

Single lead cable per Mesh system.

Mesh system components

Create a Mesh system of any size by combining these components.

Modules

Parent modules

CMD type

560 mm / 1.8 ft	
840 mm / 2.8 ft	
1120 mm / 3.7 ft	
1400 mm / 4.6 ft	
1680 mm / 5.5 ft	
1960 mm / 6.4 ft	
2240 mm / 7.3 ft	
2520 mm / 8.3 ft	
2800 mm / 9.2 ft	
3080 mm / 10.1 ft	

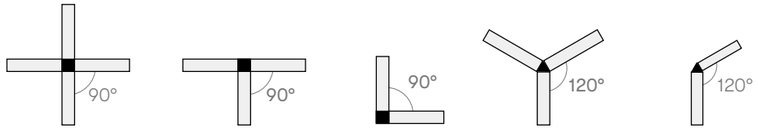
Child modules

CMN type

560 mm / 1.8 ft	
840 mm / 2.8 ft	
1120 mm / 3.7 ft	
1400 mm / 4.6 ft	
1680 mm / 5.5 ft	
1960 mm / 6.4 ft	
2240 mm / 7.3 ft	

Joints

Add joints to create the desired shape

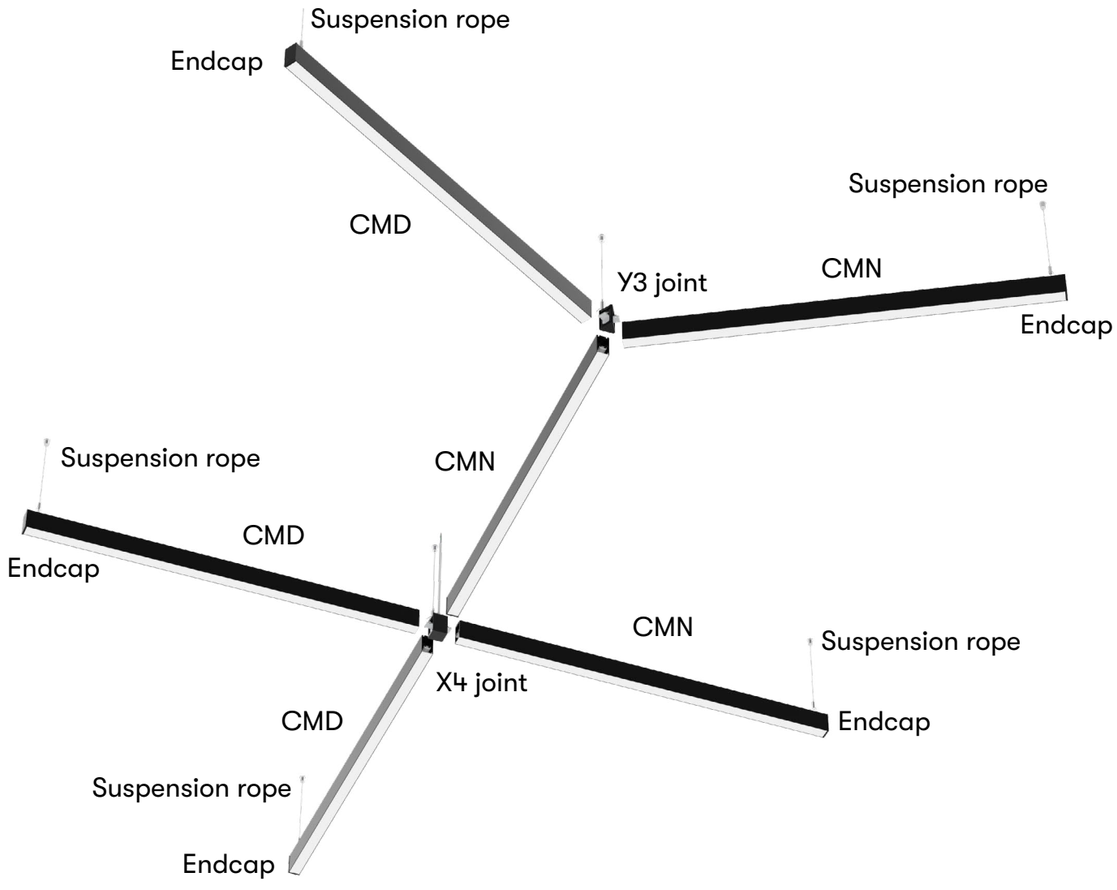


X4 joint | X3 joint | X2 joint | Y3 joint | Y2 joint

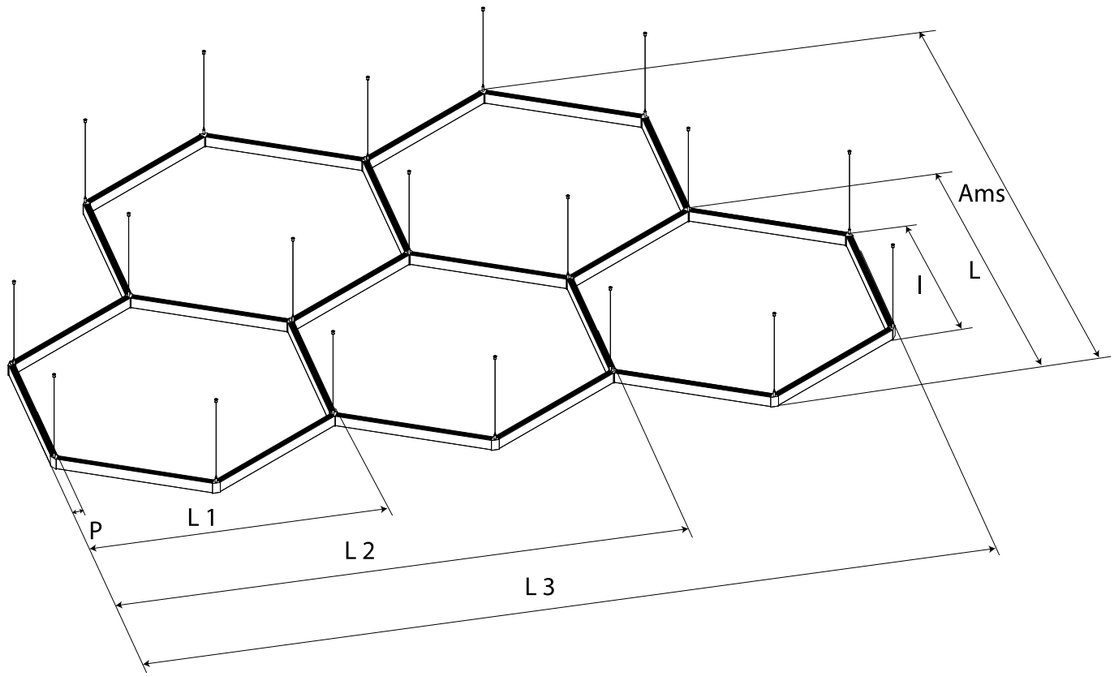
Order example

Ordering item list

3 pcs	LED modules Neman P CMD MP W17 930 PB L1400 DA
3 pcs	LED modules Neman P CMN MP W17 930 PB L1400 DA
1 pcs	X4 joint (suspension rope included)
1 pcs	Y3 joint (suspension rope included)
5 pcs	Endcaps
5 pcs	Suspension rope

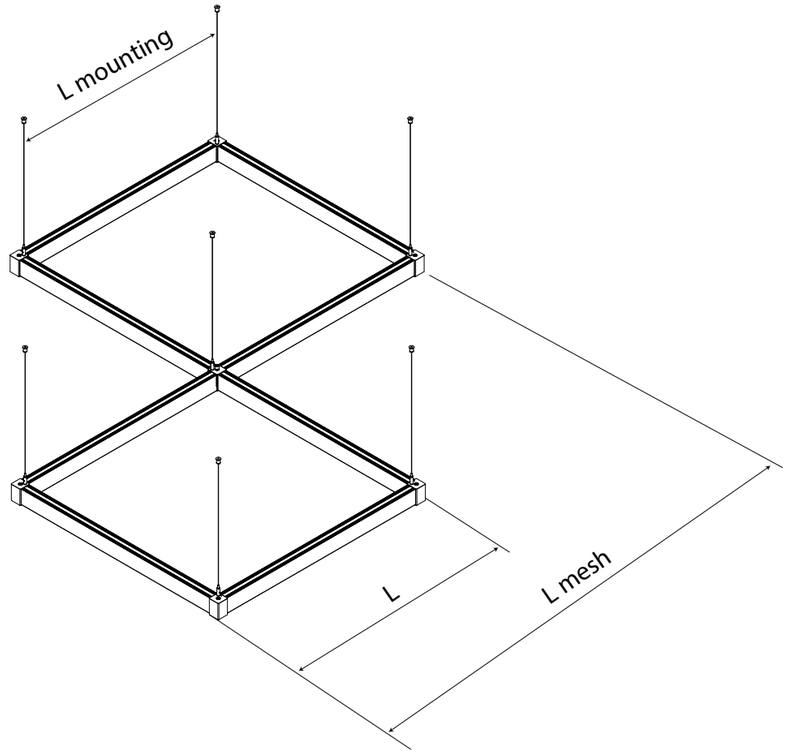


Hexagon Mesh system dimensions



Modules, mm	P*, mm	L1, mm	L2, mm	L3, mm	l, mm	L, mm	Ams, mm
840	33.6	1541.82	3050.04	4558.26	874.9	1763.02	3070
1120	33.6	2026.79	4019.98	6013.17	1154.9	2323.03	4050
1400	33.6	2511.77	4989.94	7468.11	1434.9	2883.02	5030
1680	33.6	2996.74	5959.88	8923.02	1714.9	3443.02	6010
1960	33.6	3481.72	6929.84	10377.96	1994.9	4003.02	6990
2240	33.6	3966.69	7899.78	11832.87	2274.9	4563.02	7970
2520	33.6	4451.66	8869.72	13287.78	2554.9	5123.02	8950
2800	33.6	4936.64	9839.68	14742.72	2834.9	5683.02	9930
3080	33.6	5421.61	10809.62	16197.63	3114.9	6243.02	10910

P* – Profile width



Square Mesh system dimensions

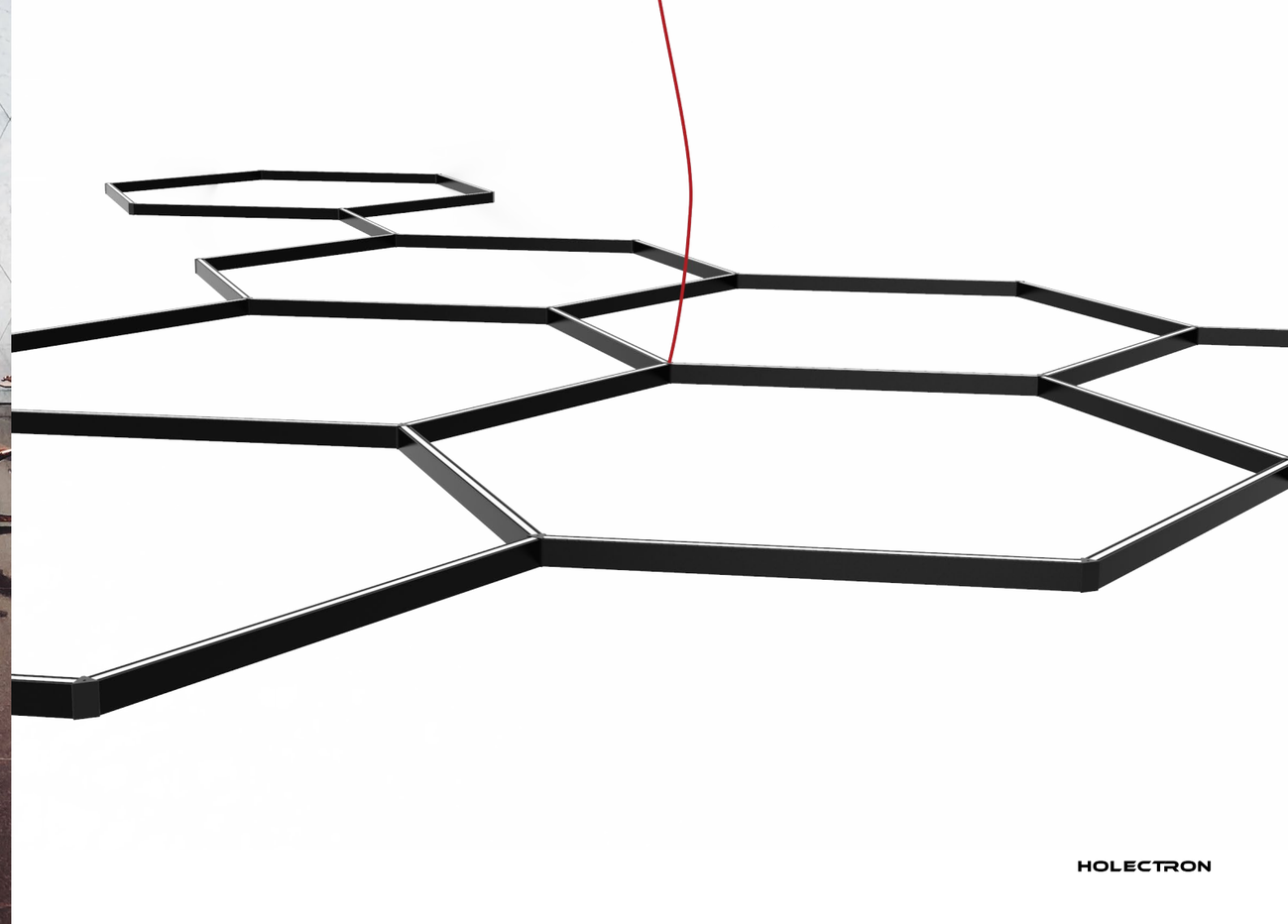
Parent modules, mm	Child modules, mm	L, mm	L mounting, mm	L mesh, mm
840	**840**	929.0	864.8	1811.8
1120	**1120**	1209.0	1144.8	2371.8
1400	**1400**	1489.0	1424.8	2931.8
1680	**1680**	1769.0	1704.8	3491.8
1960	**1960**	2049.0	2084.8	4051.8
2240	**2240**	2329.0	2364.8	4611.8
2520	-	2609.0	2544.8	5171.8
2800	-	2889.0	2824.8	5731.8
3080	-	3087.5	3104.8	6127.8

Single feed cable

Only one mains feed cable to supply the whole mesh system. Each module passes mains power to all connected modules through its own integrated through-wiring system.

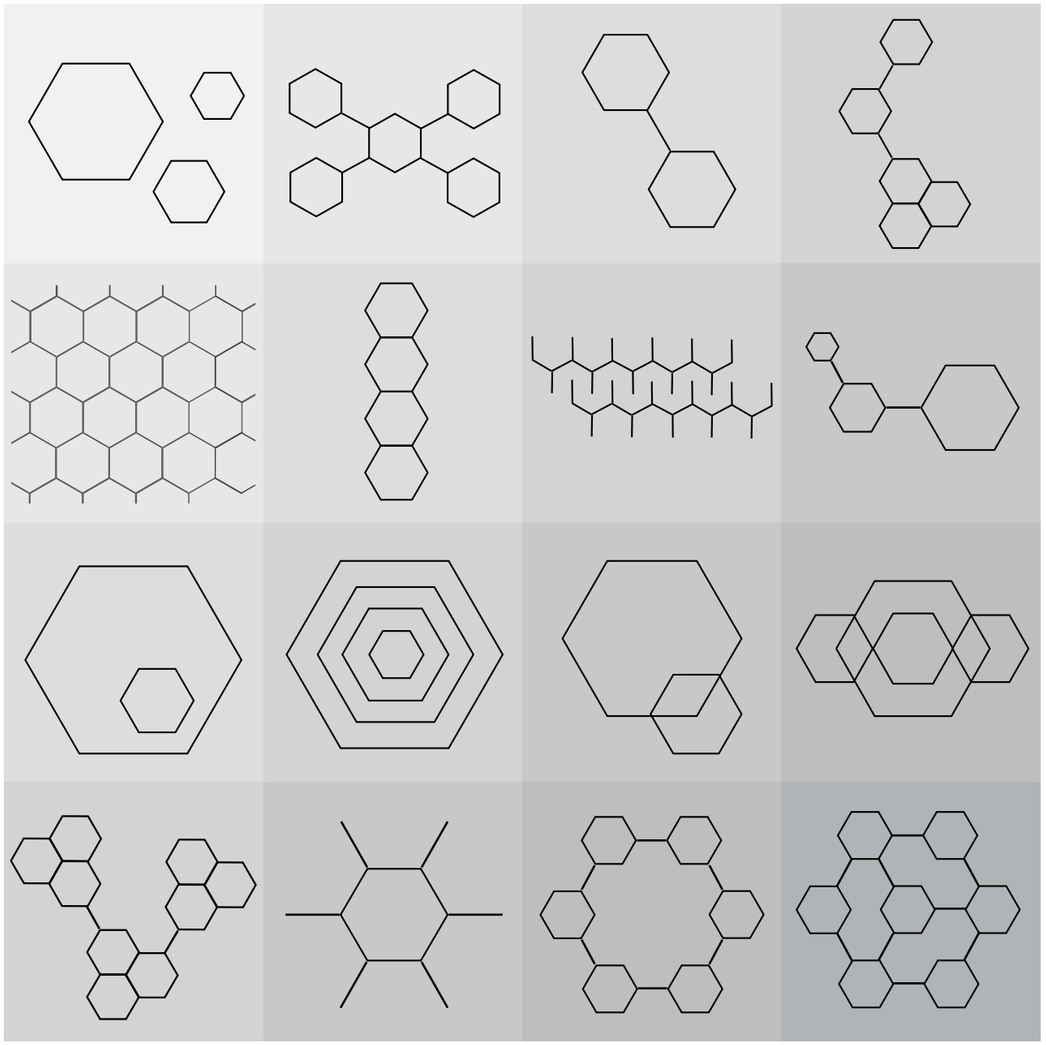
Feed cable length

2 m transparent mains feed cable supplied with each system.



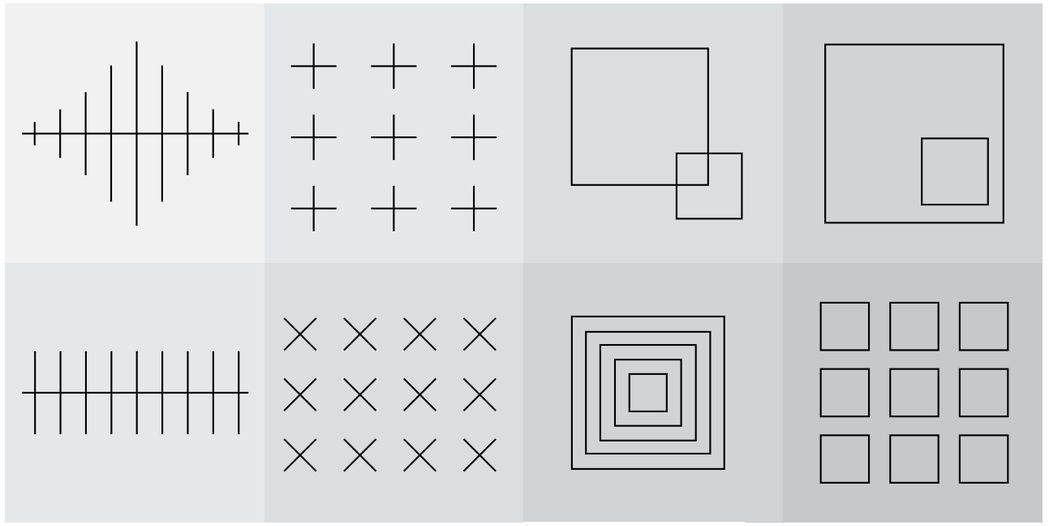
Hexagons

Make your own patern by joining and combining hexagon shapes.



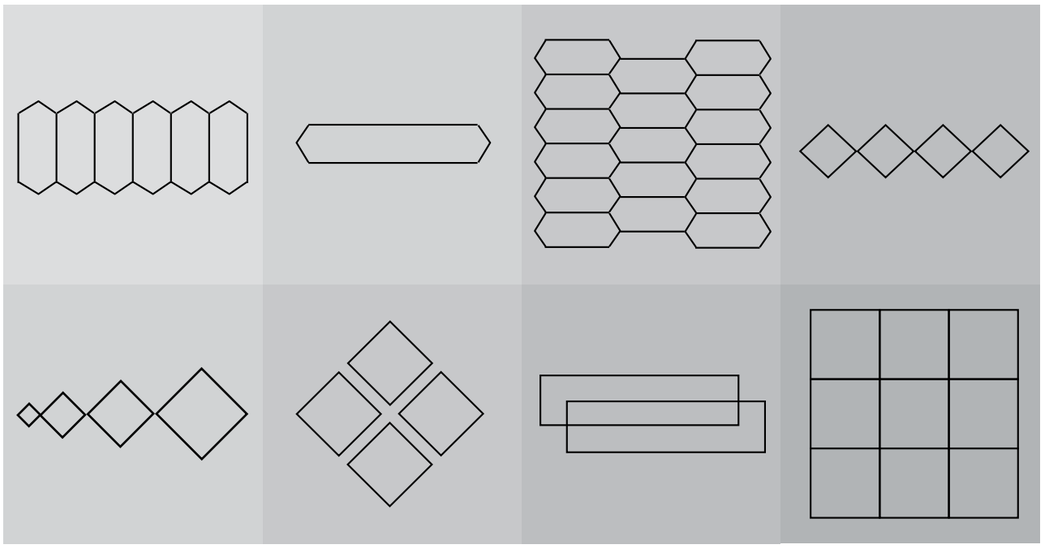
Lines & Squares

Get creative - try different paterns, combine shapes or come up with your own.



Unleash imagination

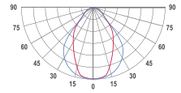
Unleash your imagination and try different paterns, comine shapes, or even create original ones.



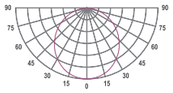
Shape your light

Direct

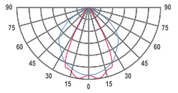
Bring out emotional lighting effects using various direct light optics.



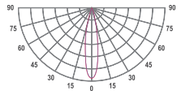
Honeycomb



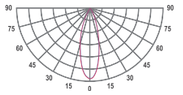
Microprism



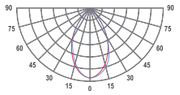
Opal



NemanX 30°



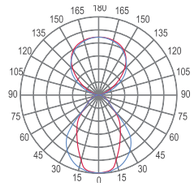
NemanX 60°



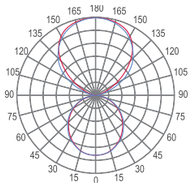
NemanX 90°

Direct / Indirect

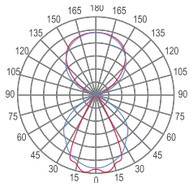
The up-light provides general illumination by reflecting off of the ceiling. The down-light is excellent for task lighting, offering a low-glare beam, well-suited for workspace illumination.



Honeycomb



Microprism



Opal

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About Holectron

Holectron company, located in Vilnius, Lithuania, owns two factories where flexible LED strips, various light sources and luminaires for indoor and outdoor applications are manufactured. The modern manufacturing facility includes R&D department, SMT assembling lines, metal processing, encapsulation stations, photometric laboratory and testing area.
At Holectron, we aim to be flexible on everything – except quality. In each of our products we use only highest quality materials from reliable suppliers and amost all of our products comes with 5-year warranty.

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