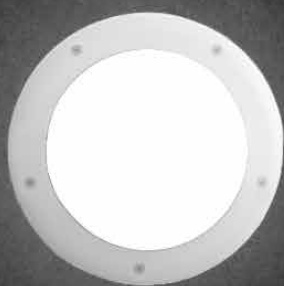


GEM



	Power (W)	Color temperature	CRI	Control	Installation	Light distribution	IP-class	Color
GEM	40 80 120	3K 3000 K 4K 4000 K 5K 5000 K RGB CMYK	85	A on/off B 1-10 V C DALI D DMX	01 ground	S ME S M M2 W W2	67	1 aluminum / stainless steel

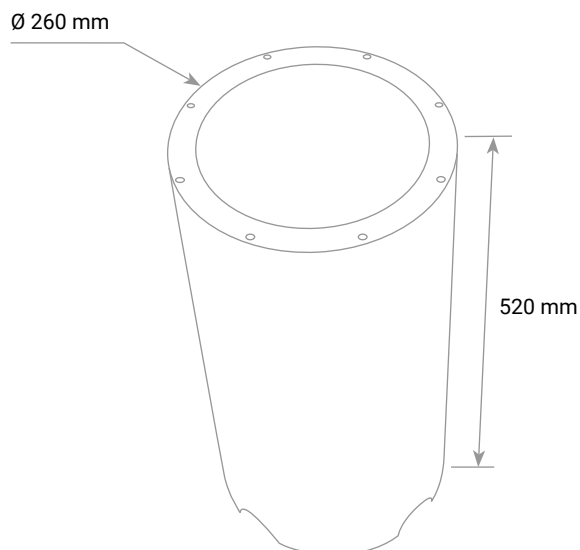


Make a Difference.
Luminaire for Ground Installation



GEM luminaire is designed for targeted illumination of walls, facades, balconies, canopies or vegetation, and guiding along passages. It gives a pleasant smooth light adding comfort and visual effect. It highlights and creates a finished style.

GEM has weather-proof housing, glass optics, versatile light distribution angle and dimming possibilities. These features combined with Array LeS technology's high light output from less power offers a cost-effective solution for the end-user.

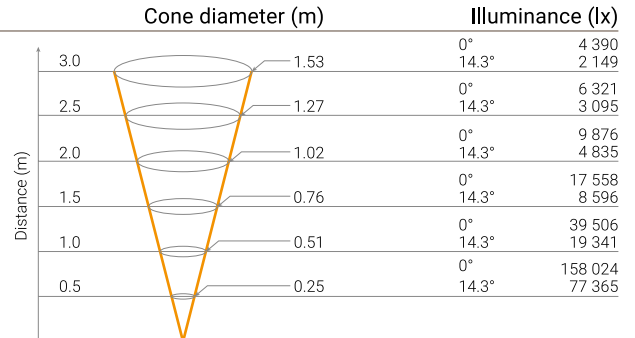
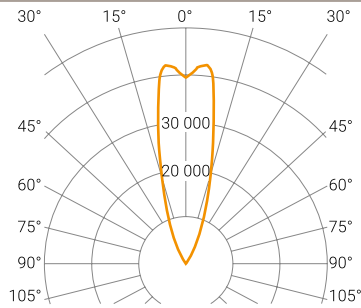


Technical data		40_	80_	120_
Power	W	40	80	120
Luminous flux	lm	5 200	10 400	15 600
Luminaire efficiency	lm/W	130	130	130
Color temperature / ANSI CCT	K	5 000	5 000	5 000
Color rendering index CRI/Ra	Ra	85	85	85
Light chip / Array LeS module		BXR V5	BXR V5	BXR V9
Light chip voltage	V DC	52.2	52.2	52.2
Energy efficiency class – Energy Star		AAA	AAA	AAA
Light chip lifespan	Years	25	25	25
	Hours	200 000	200 000	200 000
Luminaire control				
Luminaire reconnection	ms	0.075	0.075	0.075
Dimming	%	0–100	0–100	0–100
Manual control	V	0–10	0–10	0–10
Control devices: DMX, DALI, 1–10 V		Yes	Yes	Yes
Mechanical data				
Protection class		IP67	IP67	IP67
Ambient working temperature, continuous	°C	-42... +70	-42... +70	-42... +70
Ambient working temperature, short-term	°C	-45... +105	-45... +105	-45... +105
Warranty	Years	5	5	5
Maintenance free		Yes	Yes	Yes
Cleaning – allows pressurized water/air	Max. bar	2	2	2
Ecology: Recyclable material	%	100	100	100
Installation				
Roof, wall, track		Yes	Yes	Yes
Power supply (electronic) class 2, MWHLG				
Luminaire current, 232 V AC	A	0.17	0.34	0.52
Efficiency	%	97.2	97.2	97.2
Voltage range / 50–60Hz	V AC	90–305	90–305	90–305
Power supply lifespan within given range	Hours	100 000	100 000	100 000
Power supply protection class		IP67	IP67	IP67

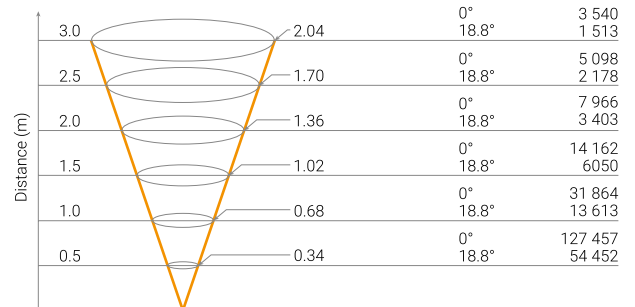
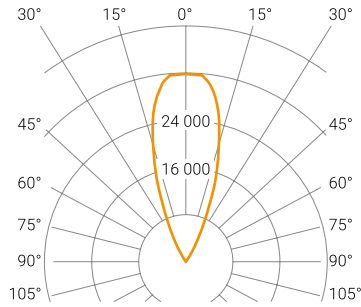
Light Distribution, GEM

GEM 80 W

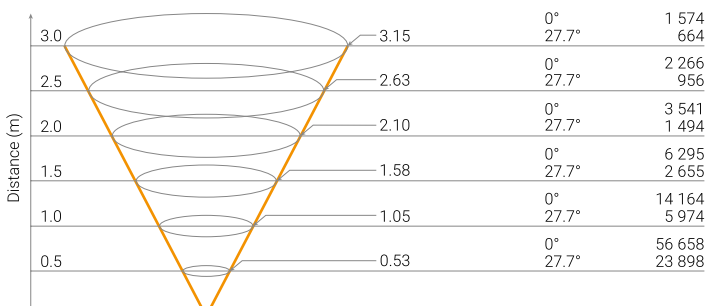
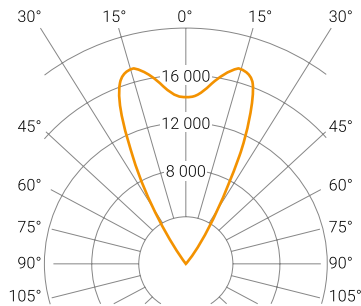
Reflector S
12 800 lm



Reflector M
12 800 lm

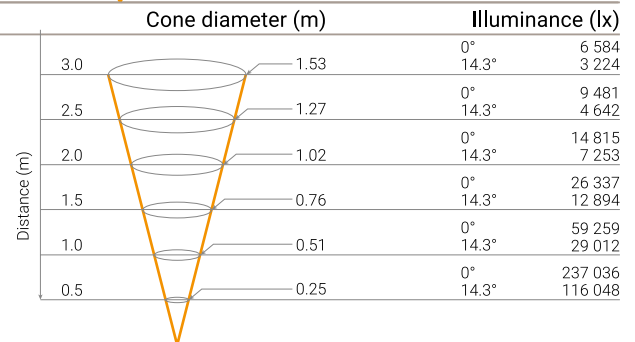
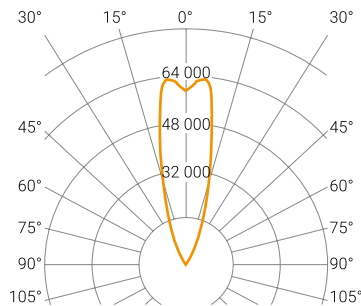


Reflector W
12 800 lm

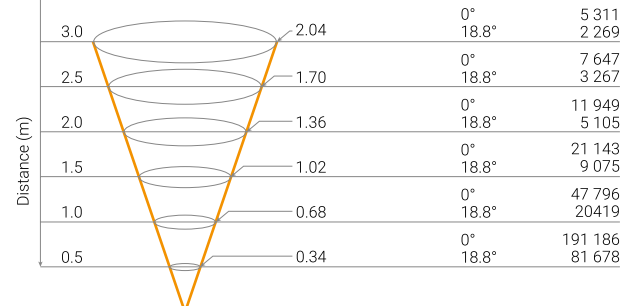
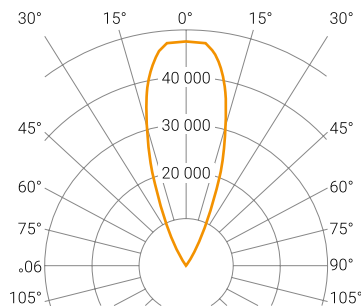


GEM 120 W

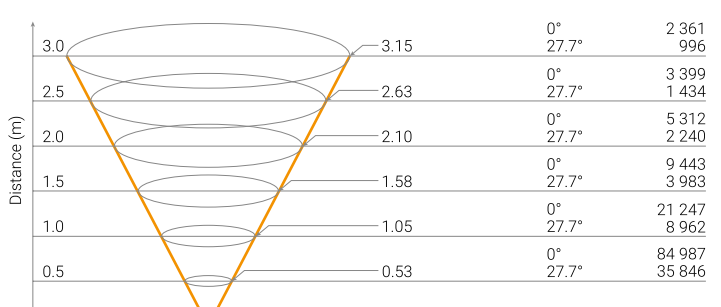
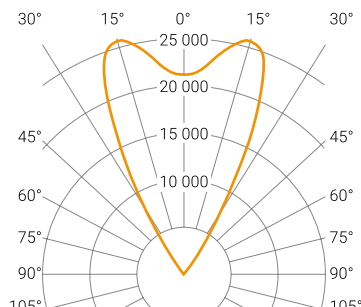
Reflector S
19 200 lm



Reflector M
19 200 lm



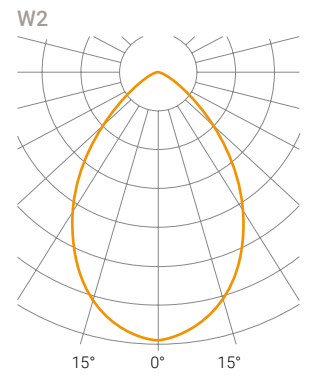
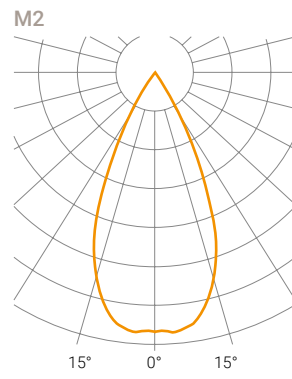
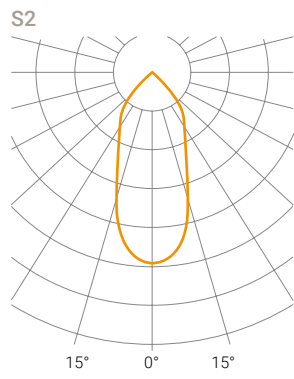
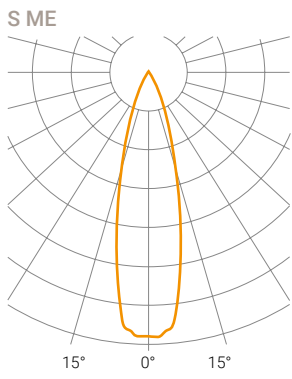
Reflector W
19 200 lm



Light Distribution, GEM

Other reflector & lense options

We have the optimal light distribution for any application.



LumiTar Array Lighting
Technology Finland Oy
Hovioikeudenpuistikko 23
FI-65100 Vaasa, Finland
Puh. +358 45 178 0360

www.lumitar.fi

*LumiTar*TM
ARRAY LIGHTING TECHNOLOGY FINLAND