

General characteristics

Family name	Street MSP
Luminaire type	Street lamp
Integrated driver	Yes
LED chips manufacturer	Philips
Driver manufacturer	Sosen
Installation options	On the pole
Pole opening size	∅60mm
Intelligent control	Optional dimmable and Dali
Certificates	CE, RoHS, ENEC
Warranty*	5 years
Materials	Aluminum, PC

Rated parameters

Rated power	from 50W to 150W
Rated luminous flux	from 6750lm to 20 250lm
Rated lifetime	50 000h
Rated luminous intensity	2090cd
Rated beam angle	160x107°

Light technical characteristic

Luminaire luminous flux (+/- 5%)	from 6750lm to 20 250lm
Luminous efficacy (+/- 5%)	135lm/W
Color temperature (+/- 5%)	4000K, 6000K
CRI	>80
Beam angle	160x107°
Color consistency	<6SDCM

Electrical characteristics

Wattage (+/- 5%)	from 50W to 150W
Voltage	220-240V
Voltage frequency	50-60Hz
Power factor	>0,95
Energy efficiency label	A+
Protection class	Class II

Operating characteristics

Lifetime	50 000h
Switching cycle	> 50 000
Lumen decay	>0,8
IP	66
IK	10
Warm up time	negligible
Starting time	<0,5s
Working temperature	from -40° to 60°C
Storage temperature	from -40° to 70°C



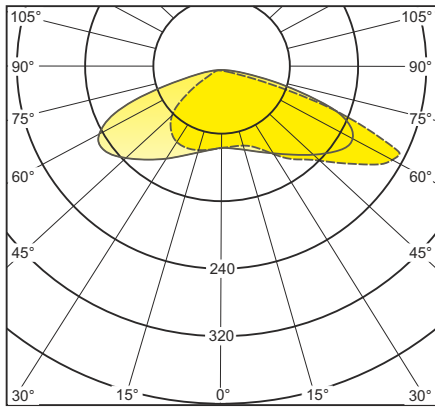
index	power	luminous flux	beam angle	color temperature	weight net/gross	lamp dimensions	packaging dimensions
LU050MSNP	50W	6750lm	160x107°	4000K	4,2kg/5,5kg	L641xW241xH114mm	L690xW290xH165mm
LU050MSP	50W	6750lm	160x107°	6000K	4,2kg/5,5kg	L641xW241xH114mm	L690xW290xH165mm
LU100MSNP	100W	13 500lm	160x107°	4000K	6,5kg/7,5kg	L738xW289xH116mm	L790xW340xH165mm
LU100MSP	100W	13 500lm	160x107°	6000K	6,5kg/7,5kg	L738xW289xH116mm	L790xW340xH165mm
LU150MSNP	150W	20 250lm	160x107°	4000K	6,7kg/7,7kg	L738xW289xH116mm	L790xW340xH165mm
LU150MSP	150W	20 250lm	160x107°	6000K	6,7kg/7,7kg	L738xW289xH116mm	L790xW340xH165mm

*in accordance with the manufacturer's warranty conditions

Luminaire suitable for outdoor usage.
No accent lighting.



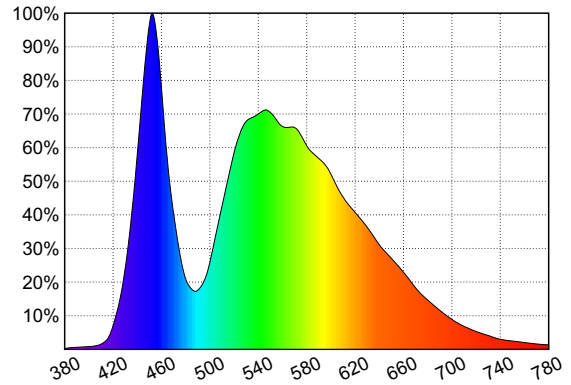
Photometric solid



(cd/1000lm)

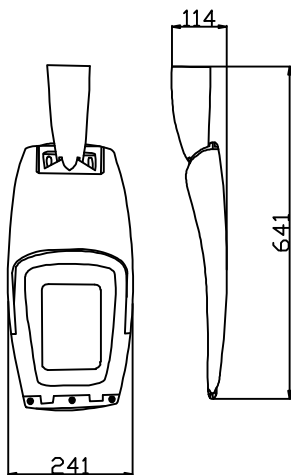
— C0 - C180
- - - C90 - C270

Spectrum 6000K



Technical drawing

LU050MSP



LU100MSP

