LUMAX®

LED Ceiling Lamp Sphere II

General characteristics

Family name	Sphere II
Luminaire type	LED Ceiling luminaire
Integrated driver	Yes
LED manufacturer	San'an
Installation options	On surface
Inteligent control	None
Certificates	CE, RoHS
Warranty	2 years

Rated parameters

Rated power	12W
Rated luminous flux	850lm, 900lm
Rated lifetime	50 000h
Rated luminous intesity	498cd
Rated beam angle	120°

LO1231N

LO1231NDS

Light technical characteristic

Luminaire luminous flux	850lm, 900lm
Luminous efficacy	75lm/W
Color temperature	4000K
CRI	>80
Beam angle	120°
Color consistency	<6SDCM

Electrical characteristics

Wattage	12W
Voltage	220V
Voltage frequency	50-60Hz
Power factor	>0,9
Energy efficiency label	A+

LO1232N

LO1232NDS

Operating characteristics

Lifetime	50 000h
Switching cycle	>100 000
LLMF	>0,7
IP	20
Warm up time	neglible
Starting time	<0,5s
Working temperature	from -20° to 40°C
Storage temperature	from -20° to 40°C

index	power	luminous flux	beam angle	IP	shape	weight net/gross	luminaire dimensions	packaging dimensions
LO1231N	12W	850lm	120°	20	round	0,47kg/0,57kg	⌀250xH57mm	L258xW258xH60mm
LO1231NDS	12W	900lm	120°	20	round	0,5kg/0,6kg	⌀250xH57mm	L258xW258xH60mm
LO1232N	12W	850lm	120°	20	square	0,42kg/0,47kg	L250xW250xH57mm	L258xW258xH60mm
LO1232NDS	12W	900lm	120°	20	square	0,45kg/0,55kg	L250xW250xH57mm	L258xW258xH60mm

Not suitable for outdoor usage.
No accent lighting.

CE EuP compliant RoHS COMPLIANT

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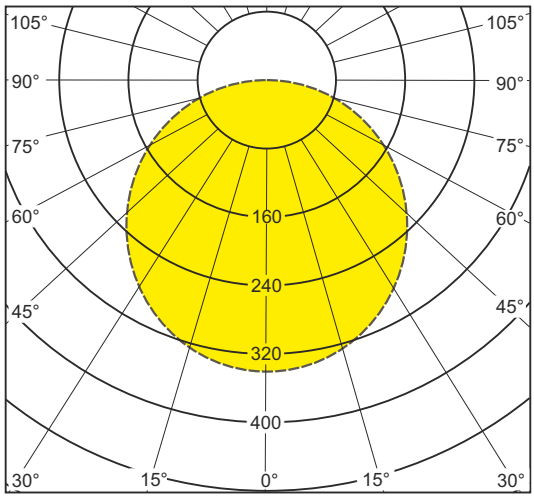
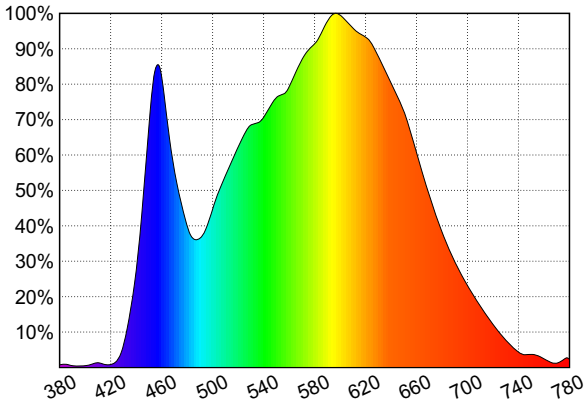
Photometric solid



(cd/1000lm) ---- C0 - C180

Spectrum for CCT: 4000K



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