

Lumera

Deep Recess Downlight



Application Areas



OFFICES



BANKS



HEALTHCARE



RETAIL



EDUCATIONAL
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COMMON
AREA



Lumera

DEEP RECESS SMD DOWNLIGHT

A round/square backlit LED downlight crafted with a durable die-cast aluminium housing, engineered with a reflector design for superior lumen efficacy. The opal diffuser is seamlessly integrated into the inner periphery of the deep-recessed trim to minimize glare and deliver smooth, uniform illumination.

Luminaire Details

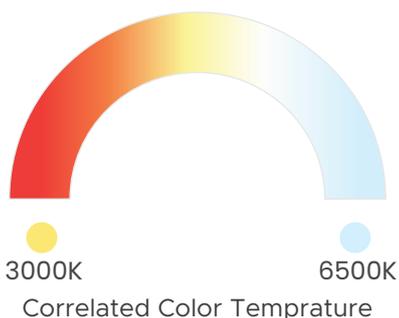
Product Name	: Lumera
Product Type	: SMD Downlight
LED Type	: SMD
Fixture Type	: Suspended
Dimmable	: 0-10V, DALI, Phase-Cut

Luminaire Source Details

Light Emission	: Indoor Space Lighting
Source Brand	: Bridgelux / Seoul
CRI	: ≥80
McAdam Binning	: Step 5

Luminaire Housing

Body	: Die-Cast Aluminium
Diffuser Type	: Milky
Operating Temperature	: -10° to 50° C
Humidity	: RH 10-90 %
IP Rating	: IP20
Emergency Compatibility	: No



Ingress Protection
IP20

LM
79

LM
80

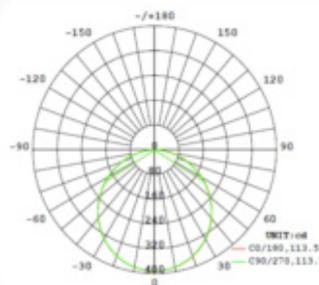
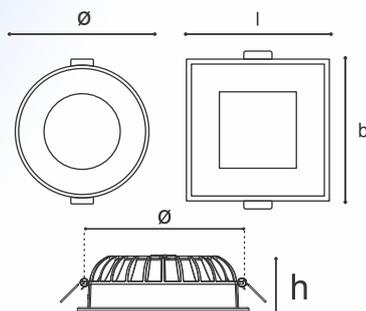
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Technical Specifications

Wattage	7W	12W	18W	24W
Product Code	LUM-DRR-07	LUM-DRR-12	LUM-DRR-18	LUM-DRR-24
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	840*	1440*	2160*	2880*
Color Temperature	6500K/4000K/3000K	6500K/4000K/3000K	6500K/4000K/3000K	6500K/ 3000K
CRI	≥80	≥80	≥80	≥80
P.F.	>0.95	>0.95	>0.95	>0.95
THD	<10%	<10%	<10%	<10%
Surge Protection	Up to 4KV	4KV+10KV	4KV+10KV	4KV+10KV
IP Rating	IP20	IP20	IP20	IP20
Beam Angle	120°	120°	120°	120°
Mounting	Recess	Recess	Recess	Recess
Fixture Color	White	White	White	White
Cutout(mm)(ø)	110	110	145	165
Dimensions(mm)(Ø)	120(Ø)x50	120(Ø)x50	155(Ø)x55	175(Ø)x55
Shape	Round	Round	Round	Round

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Beam Angle	120°	120°	120°	120°
Mounting	Recess	Recess	Recess	Recess
Fixture Color	White	White	White	White
Cutout(mm)(ø)	110	110	145	165
Dimensions(mm)(LxBxH)	100x100x50	100x100x50	145x145x55	168x168x55
Shape	Square	Square	Square	Square

Line Diagram



Photometric Details