



Nebula

Backlit Downlight



Application Areas



OFFICES



BANKS



HEALTHCARE



RETAIL



EDUCATIONAL
INSTITUTE



COMMON
AREA



Nebula

RECESS SMD BACKLIT DOWNLIGHT

A sleek round backlit LED downlight built with an aluminium housing, designed for enhanced aesthetics and superior performance. High-efficacy LEDs paired with a precision diffuser ensure a glare-free, uniform light output.

Luminaire Details

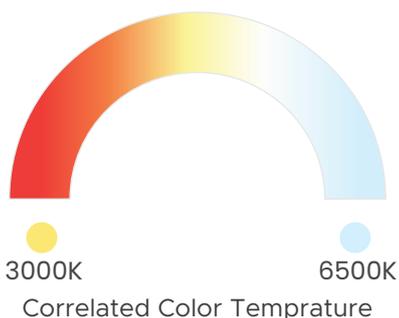
Product Name	: Nebula
Product Type	: SMD Downlight
LED Type	: SMD
Fixture Type	: Recess Mount
Dimmable	: 0-10V, DALI, Phase-Cut

Luminaire Source Details

Light Emission	: Indoor Space Lighting
Source Brand	: Bridgelux / CITIZEN
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	: Not Compatible



Ingress Protection
IP20

LM
79

LM
80

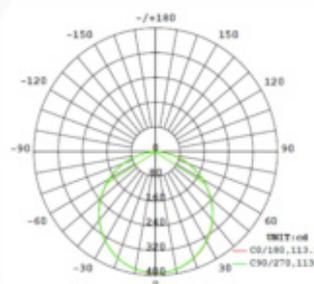
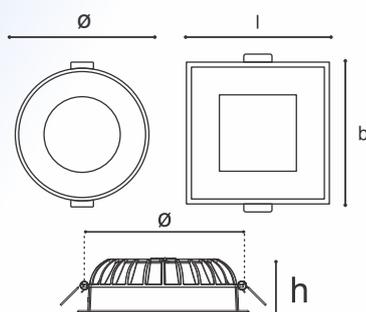
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Technical Specifications

Wattage	3W	6W	8W	10W
Product Code	NEB-RBD-03	NEB-RBD-06	NEB-RBD-08	NEB-RBD-10
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	300*	600*	800*	1000*
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	Up to 4KV	Up to 4KV	Up to 4KV
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

Wattage	12W	15W	18W	24W
Product Code	NEB-RBD-12	NEB-RBD-15	NEB-RBD-18	NEB-RBD-24
Nominal Input Voltage	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz	240V AC, 50Hz
Luminous Flux	1200*	1500*	1800*	2400*
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	Up to 4KV	Up to 4KV	Up to 4KV
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)(LxBxH)	100x100x50	100x100x50	145x145x55	168x168x55
Shape	Square	Square	Square	Square

Line Diagram



Photometric Details