

GreenSpace III



GreenSpace III is a energy and cost efficient LED downlight solution with high system efficacy. It delivers significantly up to 75% more energy savings as compared to conventional compact fluorescent lamps (CFL). The GreenSpace III is a superior solution for retrofitting that delivers quality lighting with a uniform and diffused lighting effect.

It can be used in a wide variety of applications such as general lighting norms for offices, shops and other indoor applications.

Benefits

- Energy efficient
- Improved comfort
- Flexibility of choices
- Superior solution for retrofitting

Features

- light efficacy of more than 90lm/w
- Uniform and diffused lighting effect
- Improved PMMA material; higher diffusion rate
- Superior heat sink design
- Long lifetime: 50,000 hours

Applications

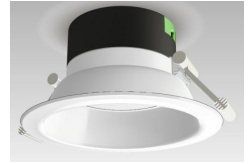
- Department store
- Public area / lift lobby
- Hospitality
- Office



GreenSpace III

Specifications

GreenSpace III (R Series)



Description	Micro DN280B	Mini DN281B	Compact DN282B	Compact Power DN283B
CFLi equivalent	2x13W	2x18W	2x26W	2x32W
Cut out size	102mm (4 inch)	152mm (6 inch)	203mm (8 inch)	203mm (8inch)
Supply voltage	220V-240V/50-60Hz Integrated LED driver fixed output (PSU) or dimming (PSR)			
color	White (WH)			
System power	7w	11.5w	17w	22.5w
Power factor PF	>0.9	>0.95	>0.95	>0.95
Correlated color temp CCT	3000K / 4000K / 6500K			
LED flux @80° C	720lm	1170lm	1770lm	2370lm
System flux lm	600lm	1050lm	1550lm	2100lm
Optical Efficiency O.E	84%	90%	90%	90%
System Efficacy	83lm/w	90lm/w	93lm/w	92lm/w
Color rendering index CRI	83	83	83	83
Color tolerance SDCM	≤4	≤4	≤4	≤4
Space chromaticity inconsistency	<0.002	<0.002	<0.002	<0.002
Unified Glare Ratio UGR	≤25	≤24	≤23	≤24
Lighting shield angle	17°	16°	17°	17°
60° light efficacy	88%	88%	88%	88%
Operating temp Ta	-20°C < ta < 40°C			
Lifetime	50,000 hours (70% when the ambient temperature Ta = 25 °C)			
Mounting type	Recessed mounting with flexible spring clips			
IP rating	IP20			
Material	Optical components: MCPET high reflective film, anti fog, high permeable diffusion sheet			
	Reflector: high purity aluminum, high-reflectivity coating			
	Driver Box: PC plastic			
	Clip: spring wire in a PC plastic clip			

GreenSpace III

Specifications

GreenSpace III (O Series)

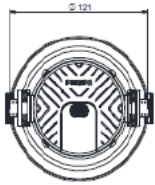
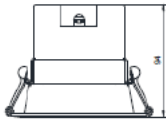


Descripti on	Micro DN280B PR	Mini DN281B PR	Micro DN280B	Mini DN281B	Compact DN282B	Compact Power DN283B
CFLi equivalent	1x13W	1x18W	2x13W	2x18W	2x26W	2x32W
Cut out size	102mm (4inch)	152mm (6inch)	102mm (4inch)	152mm (6inch)	203mm (8inch)	203mm (8inch)
Supply voltage	220V-240V/50-60HzIntegrated LED driver fixed output (PSU)					
color	Aluminum (ALU), with a white ring					
System power	5w	6w	7w	11.5w	17w	22.5w
PF	>0.9	>0.9	>0.9	>0.95	>0.95	>0.95
CCT	3000K / 4000K / 5000K / 6500K					
LED flux @80° C	500lm	650lm	720lm	1170lm	1770lm	2370lm
System flux lm	400lm	550lm	600lm	1000lm	1500lm	2000lm
Optical Efficiency	84%	88%	84%	86%	85%	84%
System Efficacy	80lm/w	90lm/w	84lm/w	90lm/w	90lm/w	90lm/w
CRI	83	83	83	83	83	83
SDCM	≤4	≤4	≤4	≤4	≤4	≤4
Space chromaticity inconsistency	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
UGR	≤24	≤22	≤24	≤22	≤22	≤22
Lighting shield angle	17°	16°	17°	16°	17°	17°
60° light efficacy	94%	96%	94%	96%	97%	97%
Operating temp Ta	-20°C < ta < 40°C					
Lifetime	50,000 (70% when the ambient temperature Ta = 25 °C)					
Mounting	Recessed mounting with flexible spring clips					
Material	Optical components: MCPET high reflective film, anti fog, high permeable diffusion sheet					
	Reflector: high purity aluminum, high-reflectivity coating					
	Driver Box: PC plastic					
	Clip: spring wire in a PC plastic clip					

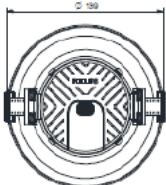
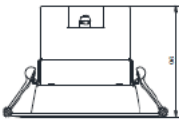
GreenSpace III

Dimensions

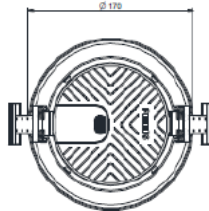
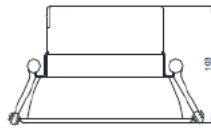
DN280B
1xDLED ALU



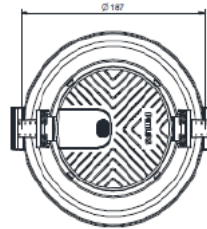
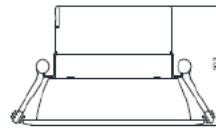
DN280B
1xDLED



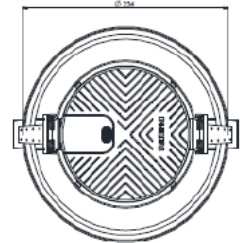
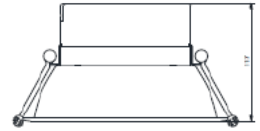
DN281B
1xDLED ALU



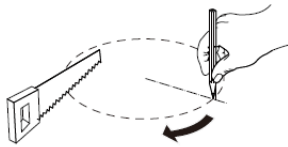
DN281B
1xDLED



DN282B/283B
1xDLED



DN282B/283B
1xDLED ALU



Type

DN 280B

DN 281B

DN 282B

DN 283B

Cut-out

Ø105-110mm

Ø150-155mm

Ø200-205mm

Ø200-205mm

Weight

0.18 kg

0.28 kg

0.38 kg

0.38 kg



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Data subject to changes