

Grace Downlights

IMAGES			
Product	8watt Grace DL	15watt Grace DL	22watt Grace DL
Lumens	720 Lm	1350 Lm	1980 Lm
Lumens Efficacy/watt	90 Lm/w	90 Lm/w	90 Lm/w
Power Factor	>0.95	>0.95	>0.95
THD %	<10%	<10%	<10%
Total Power	08W	15W	22W
LED Power	0.2watt	0.2watt	0.2watt
No. of LED	12	24	36
LED Driver	3-9watt	8-15watt	16-24watt
Voltage	110-240v AC	110-240v AC	110-240v AC
Over Voltage Protection	300volts	300volts	300volts
Under Voltage Protection	100volts	100volts	100volts
Short Circuit Protection	yes	yes	yes
Open Circuit Protection	yes	yes	yes
Surge Protection	yes	yes	yes
Size	L 85mm x H 35mm (CD 63 x 63 Sq mm)	L 142mm x H 44mm (CD 120 x 120 Sq mm)	L 182mm x H 46mm (CD 160 x 160 Sq mm)
Type of LED	Cree LED / Sen Nikko or Equi-valent	Cree LED / Sen Nikko or Equi-valent	Cree LED / Sen Nikko or Equi-valent
Beam Angle	120°	120°	120°
CRI	>80	>80	>80
Colour Temperature	3000-6500K	3000-6500K	3000-6500K
IP	IP40	IP40	IP40
Material	LSI 1132	LSI 1132	LSI 1132
Diffuser	PC	PC	PC
Frequency	50-60Hz	50-60Hz	50-60Hz
Working Temperature	(-20°c To +70°c)	(-20°c To +70°c)	(-20°c To +60°c)
Life Span	40000	40000	40000
Warranty	2years	2years	2years