



Your partner in lighting technology

# PLUTO LED

## SL 112 / SL 113 Downlight Series



### Features & Benefits

Recessed mounted LED Downlight in white finish with anti-glare diffuser and separate energy efficient electronic driver.



SL 113



LED Driver

### Application

Ideal for restaurants, general shops, small offices, reception area & etc.

### Optics

Diffuser Material	Acrylic
Diffuser Pattern	Frosted

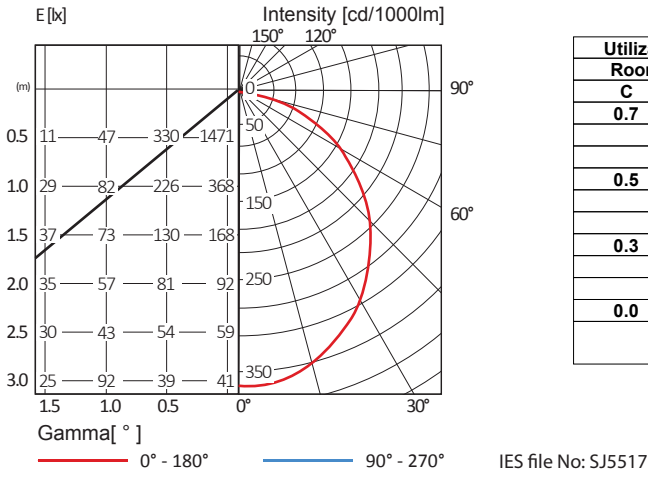
### Luminaire Product Description

Mounting	Recessed
Housing Material	Polycarbonate
Power Supply	220-240V 50/60Hz
Operating Temperature	45°C
Power Factor	0.9
Total Harmonic Distortion	>20%
Ingress Protection	IP20
Insulation Classification	Class II
Life Cycle	25,000hrs

### Control

*Dimming Option	Fixed Output
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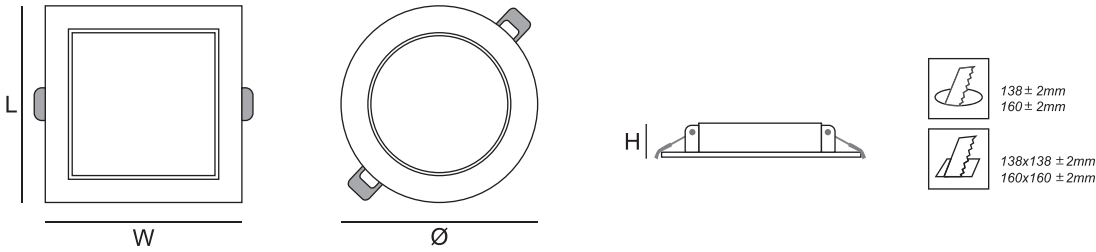
# Photometric



# TM5 Utilization Factors

Utilization factors			Room index								
Room reflection											
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5
0.7	0.5	0.2	60	69	76	81	88	93	96	101	104
	0.3		53	61	69	74	82	88	91	97	100
	0.1		48	56	63	69	77	83	87	93	97
0.5	0.5	0.2	59	67	74	78	85	89	93	97	99
	0.3		52	60	67	73	80	85	89	93	96
	0.1		47	55	63	68	76	81	85	90	94
0.3	0.5	0.2	58	65	71	76	82	86	89	93	95
	0.3		52	59	66	71	78	83	86	90	93
	0.1		47	54	62	67	74	79	83	88	91
0.0	0.0	0.0	45	52	59	64	71	75	79	83	86
			SHR NOM=1.50			SHR MAX=1.55			SHR MAX		
			TR=1.74								

# Dimension



# Order Information

Model No.	Dimension (Ø xH) (LxWxH) (mm)	Driver Model	CRI & CCT	Nominal Power (W)	Nominal System Lumen Output (lm)	Nominal System Efficacy (lm/W)
SL 112.4 SQ	150x150x25	CertaDrive	830/840/865	12	1000	77
SL 112.6 SQ	175x175x25			18	1550	82
SL 113.4 RD	150x25			12	1050	81
SL 113.6 RD	175x25			18	1550	82

Note : Subject to +/- 1.5mm

Other various types are available upon request.