



Your partner in lighting technology

PLUTO LED

SL 123 / SL 124 Downlight Series



Features & Benefits

Designed for surface mounted with high performance led light source. Surface mounted downlight provides optimal light distribution and energy savings.



Application

Ideal for commercial building, lobby, conventional hall, ballroom, concourse.

Optics

Reflector Material	Aluminium
Diffuser Type	Clear or Frosted PMMA

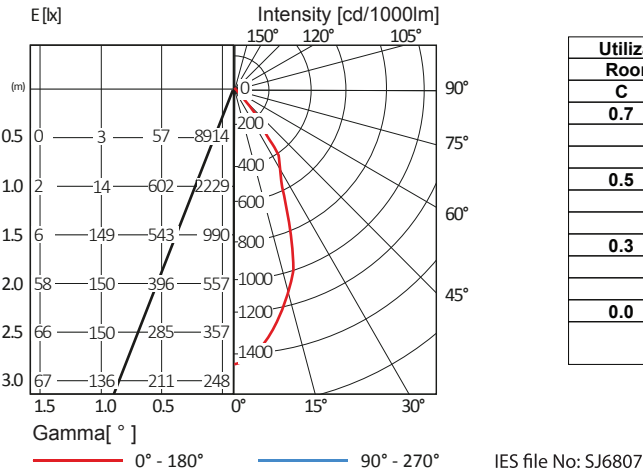
Luminaire Product Description

Mounting	Surface
Housing Material	Aluminium
Power Supply	220-240V 50/60Hz
Operating Temperature	40°C
Power Factor	0.9
Total Harmonic Distortion	<20%
Ingress Protection	IP20
Insulation Classification	Class I
Life Cycle	30,000 / 50,000hrs

Control

*Dimming Option	Fixed Output / 1-10V
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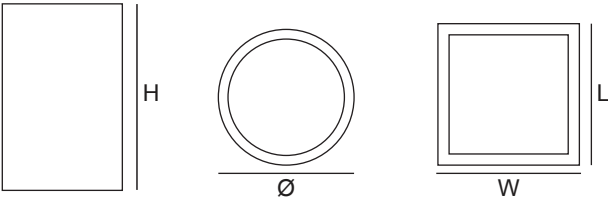
Photometric



TM5 Utilization Factors

Utilization factors												
Room reflection			Room index									
C	W	F	0.75	1	1.25	1.5	2	2.5	3	4	5	
0.7	0.5	0.2	83	90	94	97	102	104	106	108	110	
	0.3		78	85	90	94	98	101	103	106	108	
	0.1		75	82	87	91	95	99	101	104	106	
0.5	0.5	0.2	82	88	92	95	99	101	103	105	106	
	0.3		78	84	89	92	96	99	100	103	104	
	0.1		74	81	86	89	94	97	99	101	103	
0.3	0.5	0.2	81	87	90	93	96	98	100	101	102	
	0.3		77	83	87	90	94	96	98	100	101	
	0.1		74	81	85	88	92	94	96	99	100	
0.0	0.0	0.0	72	79	83	85	89	91	92	94	95	
			SHR NOM=0.75			SHR MAX=0.87			SHR MAX			
			TR=0.87									

Dimension



Order Information

Model No.	Dimension (Ø xH) (LxWxH) (mm)	Driver Model	Light Source Model	CRI & CCT	Nominal Power (W)	Nominal System Lumen Output (lm)	Nominal System Efficacy (lm/W)
SL 123.3 RD	111x110	VS / Philips	VS COB	830/ 840/ 857	5	600	120
					9	1000	111
					11	1550	140
					14	1700	121
SL 123.4 RD	130x130				14	1700	121
					19	2400	126
					24	2900	120
					27	3400	125
SL 123.5 RD	170x170				32	3850	120
					34	4300	126
					41	4900	119
					49	6000	122
SL 123.6 RD	195x195				5	600	120
					9	1000	111
					11	1550	140
					14	1700	121
SL 124.3 SQ	90x90x90				14	1700	121
					19	2400	126
					24	2900	120
					27	3300	122
SL 124.4 SQ	111x111x110				32	3700	115
					34	4100	120
					41	4900	119
SL 124.5 SQ	160x160x165						

Note : Subject to +/- 1.5mm

Other various types are available upon request.