



Your partner in lighting technology

PLUTO LED

SL 173/SL 181/SL 184 Downlight Series



Features & Benefits

Designed for recess mounting ceiling with better glare control. LED downlight lights with white reflector, highlighting the use of a new generation of low power and high power LED as light source.



Application

Ideal for commercial building, offices, conference room, classrooms, shops etc.

Optics

Diffuser material	Polycarbonate
Diffuser Pattern	Frosted
Reflector Material	White Paint Die cast Aluminium

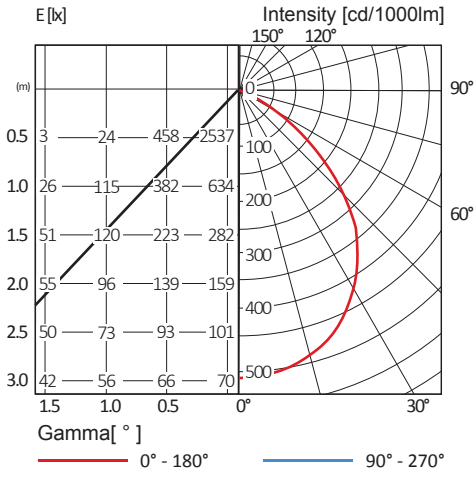
Luminaire Product Description

Mounting	Recessed
Housing Material	Die-cast Aluminum
Power Supply	240V 50Hz
Operating Temperature	45°C
Power Factor	0.90
Total Harmonic Distortion	≤20%
Ingress Protection	IP20
Insulation Classification	Class I
Life Cycle	30,000hrs/50,000hrs

Control

*Dimming Option	Fixed Output
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Photometric

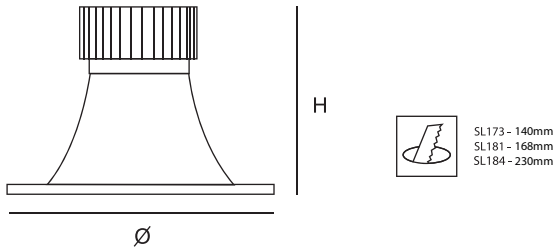


IES file No: SJ5068

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	68	78	85	89	95	99	102	105	107
	0.3		62	72	79	84	90	95	98	102	105
	0.1		57	67	74	80	87	91	95	99	102
0.5	0.5	0.2	67	76	82	87	92	96	98	101	103
	0.3		61	71	77	82	88	92	95	99	101
	0.1		57	67	74	78	85	89	92	97	99
0.3	0.5	0.2	65	75	80	84	89	93	95	98	99
	0.3		60	70	76	80	86	90	92	96	98
	0.1		56	66	73	77	83	87	90	94	96
0.0	0.0	0.0	54	64	70	75	80	84	86	90	92
			SHR NOM=1.25			SHR MAX=1.48			SHR MAX		
						TR=1.64					

Dimension



Order Information

Model No.	Dimension (Ø xH) (mm)	Driver Model	Light Source Model	CRI & CCT	Nominal Power (W)	Nominal System Lumen Output (lm)	Nominal System Efficacy (lm/W)
SL 173	160x60	CertaDrive	Cree CXA	830/835/ 840/865	11	850	77
		CertaDrive / Xitanium			15	1250	83
SL 181	188x98	CertaDrive / Xitanium			21	2000	95
		Xitanium			30	3000	100
SL 184	250x206	Xitanium			67	6100	91

Note : Subject to +/- 1.5mm

*Other various types are available upon request.