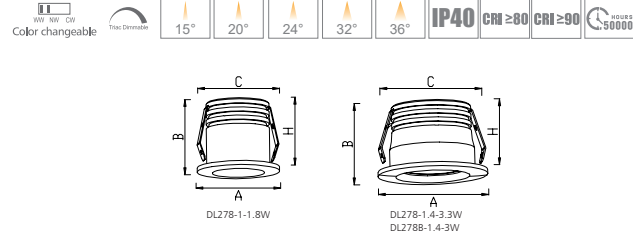




Technical Data Sheet

Code No.	DL278-1-1.8W	DL278-1.4-3.3W	DL278B-1.4-3W
Dimension(mm)	Ø30*26	Ø40*26	Ø40*35
Cutout (mm)	Ø25	Ø35	
Watt(W)	1.8W	3.3W	3W
Rated Input Voltage(V)	AC220-240V		
Input Voltage(V)	AC198-264V		
LED Module Input	-		
Light Source	SMD	COB	
SDCM	<6		-
CCT(K)	1-CCT: 2700K/3000K/4000K		3-CCT: 3000K+4000K+5700K
CCT Selection DIP Switch	-		
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	70-115
	DIM	1-CCT	220-280
	Non-DIM	3-CCT	-
	DIM	3-CCT	180-220
CRI	Ra>90 (Ra>80 Optional)		Ra>80 (Ra>90 Optional)
Beam Angle (°)	20°/36°	15°/24°/32°	32°
UGR	-		
LED Driver	built-out		
Dimming Option	-		Triac
Sensor	NO		
Emergency Kits	NO		
Electrical Class	Class II		
Ingress Protection (IP Rating)	IP40		
Impact Resistance (IK Rating)	IK03		
Product Finishing(Base)	White RAL 9016 / Black RAL9005		
Materials of Optics	PMMA		
Materials of Housing	6063 Aluminum		
Lifetime (hr)	50,000h		
Glow wire test (°C)	650°C		
Operating Temp. (°C)	-20°C ~45°C		
Storage Temp. (°C)	-20°C ~65°C		
Installation	Recessed mounted		



Measurement

Code	Dimension(mm)				Size(mm)		Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	H			N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
DL278-1-1.8W	30	26	25	24	Ø30*26		0.044	0.046	2.64	3.64	32*30*17.5	60PCS	95760	223440
DL278-1.4-3.3W	40	26	35	24	Ø40*26		0.062	0.065	3.72	5.22	30*24.5*29	60PCS	72240	165120
DL278B-1.4-3W	40	35	35	33	Ø40*35		0.076	0.083	4.56	6.66	45*30.5*22.5	60PCS	54000	122760

Driver Datasheet (Non-dimmable)

Total load wattage		1.8W	3.3W
Output	Output Voltage range	DC2-4V	DC30-40V
	Rated output current	350mA±5%	70mA
	Line Regulation	±5%	±7%
	Setup, Rise Time	≤15	
	Flickering Index	IEEE1789, NO RISK	
Input	Input Voltage	AC198-264V	
	Rated Input Voltage(V)	AC200-240V	
	Frequency	47-63Hz	
	Input Current	0.02A	0.04A
	Rated Input Current	0.02A	0.04A
	Power Factor	0.3	0.4
	THD	≤20%	
	Efficiency	56%	70%
Protection	No load wattage	≤0.5W	
	Short circuit protection	PASS	
	Over voltage protection	PASS	
	Over temperature protection	PASS	
Safety &EMC	Withstand voltage	I/P-O/P:3.75KV/ac, <5mA 60S	
	Isolation Resistance	I/P-O/P:500VDC, ≥100M Ω	
	Surge	IEC/EN61000-4-5(P≤25W: L-N:500V)	
	EMC Emission	IEC/EN55015, IEC/EN61000-3-2	
	EMC Immunity	IEC/EN61000-4-2,3,4,5,6,8,11; IEC/EN61547	