

DATA SHEET

LEDVANCE® LED Value Downlight ALU



The LEDVANCE® LED Value Downlight ALU is a recessed downlight with simple and practical appearance. Recessed diffuser with reflector (housing) generate suitable lighting. While there is no compromise on energy saving, with high efficacy SMD LED and high system transformation, system efficacy reaches 100lm/W. 3 kinds of cutouts with 5 types of lumen packages make it flexible in use. Exposed part IP54 provides additional protection against humidity in the indoor environment. All these features make LED Value Downlight ALU an ideal solution for indoor applications.

Product Features & Benefits

- Available in 4", 6" and 8"
- Available in 9W, 13W, 16W, 20W and 24W
- Aluminium housing leads to reliable heat dissipation
- Recessed diffuser with reflector (housing) generate suitable lighting
- System efficacy 100lm/W leads to energy saving
- Standard 3000K/ 4000K/ 6500K CCT
- CRI>80
- Exposed part IP54 provides additional protection against humidity
- Less than 100mm product height make it easy to fit in tight ceiling spaces
- 30,000hrs lifetime reduce maintenance costs
- IP safe high efficient SMD ensure system liability and legal risks free
- Safety Compliance Certificates – CB & CCC

Application Areas:

- General lighting in corridors
- Reception areas
- Indoor circulation areas



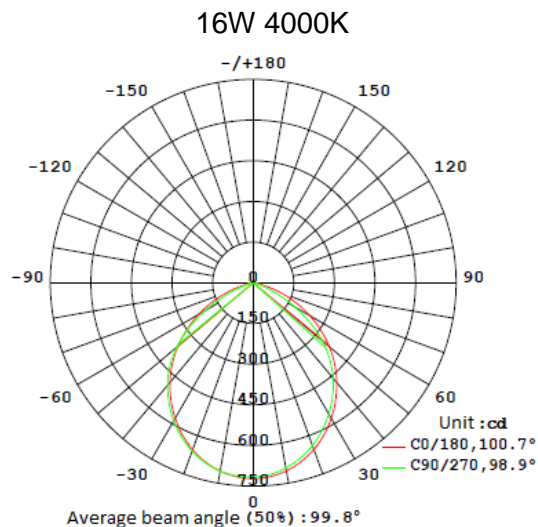
General Specifications


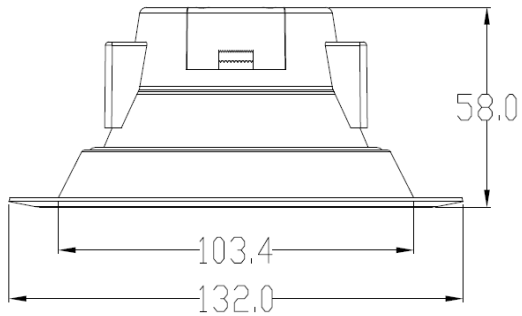

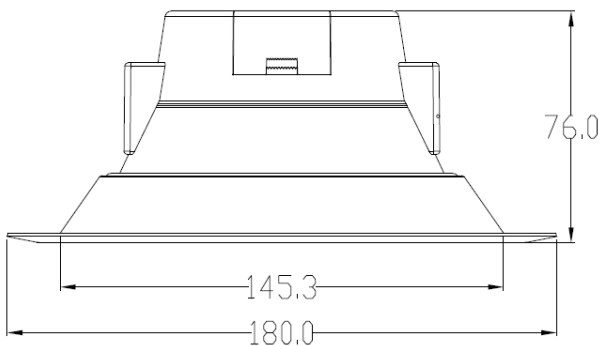

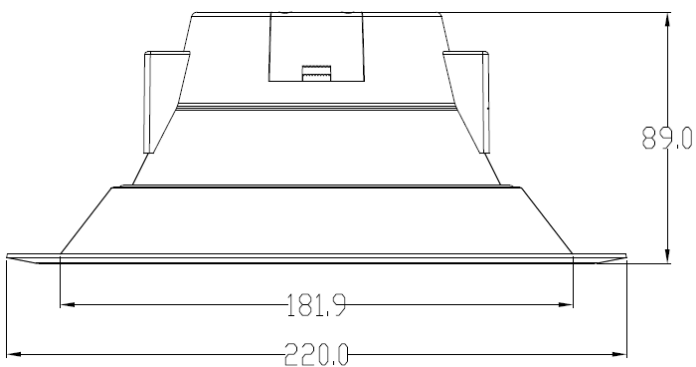
LEDVANCE® LED Value Downlight ALU		4"	6"	6"	8"	8"
Electrical	Wattage	9W	13W	16W	20W	24W
	Input voltage	220 - 240VAC, 50/60Hz				
	Power factor	0.9				
	THD	<20%				
	Surge protection	1KV (L-N)				
	Inrush current peak	5.5A	14.3A	14.3A	18.5A	18.5A
	Protection class	Class II				
Optical	Lumen package @4000K	900lm	1300lm	1600lm	2000lm	2400lm
	CCT (K)	3000/4000/6500				
	CRI	>80				
	SDCM	5				
	System efficacy @4000K	100lm/W	100lm/W	100lm/W	100lm/W	100lm/W
	Beam angle	100°	100°	100°	100°	100°
Mechanical	Size (LxH)	Φ132x58mm	Φ180x76mm	Φ180x76mm	Φ220x89mm	Φ220x89mm
	Cut out	Φ110±5mm	Φ150±5mm	Φ150±5mm	Φ190±5mm	Φ190±5mm
	Weight	120g	213g	213g	304g	304g
	Housing material	Aluminum in White				
	Ingress protection	IP54 (exposed part)				
Others	Rated lifetime	30,000 hrs L70 @Ta 45°C				
	Operating temperature	-20 - +45°C				
	Storage temperature	-20 - +70°C				

Ordering Codes:

Description	Model Number	Shipping quantity	EAN10	EAN40
LDVAL DL ALU 105 9W/830 9X1 EN LEDV	LDVAL-DLALU-RD04-AM	9pcs	4058075381674	4058075381681
LDVAL DL ALU 105 9W/840 9X1 EN LEDV	LDVAL-DLALU-RD04-AM	9pcs	4058075381698	4058075381704
LDVAL DL ALU 105 9W/865 9X1 EN LEDV	LDVAL-DLALU-RD04-AM	9pcs	4058075381711	4058075381728
LDVAL DL ALU 150 13W/830 16X1 EN LEDV	LDVAL-DLALU-RD06-AM	16pcs	4058075381735	4058075398214
LDVAL DL ALU 150 13W/840 16X1 EN LEDV	LDVAL-DLALU-RD06-AM	16pcs	4058075381759	4058075398221
LDVAL DL ALU 150 13W/865 16X1 EN LEDV	LDVAL-DLALU-RD06-AM	16pcs	4058075381773	4058075398238
LDVAL DL ALU 150 16W/830 16X1 EN LEDV	LDVAL-DLALU-RD06HO-AM	16pcs	4058075381797	4058075398245
LDVAL DL ALU 150 16W/840 16X1 EN LEDV	LDVAL-DLALU-RD06HO-AM	16pcs	4058075381810	4058075398252
LDVAL DL ALU 150 16W/865 16X1 EN LEDV	LDVAL-DLALU-RD06HO-AM	16pcs	4058075381834	4058075398269
LDVAL DL ALU 190 20W/830 12X1 EN LEDV	LDVAL-DLALU-RD08-AM	12pcs	4058075398276	4058075398283
LDVAL DL ALU 190 20W/840 12X1 EN LEDV	LDVAL-DLALU-RD08-AM	12pcs	4058075398290	4058075398306
LDVAL DL ALU 190 20W/865 12X1 EN LEDV	LDVAL-DLALU-RD08-AM	12pcs	4058075398313	4058075398320
LDVAL DL ALU 190 24W/830 12X1 EN LEDV	LDVAL-DLALU-RD08HO-AM	12pcs	4058075398337	4058075398344
LDVAL DL ALU 190 24W/840 12X1 EN LEDV	LDVAL-DLALU-RD08HO-AM	12pcs	4058075398351	4058075398368
LDVAL DL ALU 190 24W/865 12X1 EN LEDV	LDVAL-DLALU-RD08HO-AM	12pcs	4058075398375	4058075398382

Polar intensity diagram:



Drawing/Dimensions:**LED Value Downlight ALU 105** $\Phi 105 \pm 5 \text{ mm}$ **LED Value Downlight ALU 150** $\Phi 150 \pm 5 \text{ mm}$ **LED Value Downlight ALU 190** $\Phi 190 \pm 5 \text{ mm}$