

LEDVANCE® Downlight Pro



The LEDVANCE® Downlight Pro is a professional downlight with stylish outlook design. Arching diffuser and plating multi-surface reflector help to make anti-glare lighting, which is $UGR < 19$ and cut off angle $> 30^\circ$. While there is no compromise on energy saving, with high efficacy SMD LED and high system transformation, system efficacy is up to 100lm/W . 3 kinds of cutouts with 5 types of lumen packages make it flexible in use. Front part IP44 provides additional protection against humidity in the indoor environment. All these features make Downlight Pro an ideal solution for indoor applications.

Product Features & Benefits

- Available in 4", 6" and 8"
- Available in 9W, 13W, 16W, 20W and 25W
- Stylish outlook design
- Die cast aluminum housing leads to reliable heat dissipation
- System efficacy 100lm/W leads to energy saving
- Standard 3000K/ 4000K/ 6500K CCT
- $CRI > 80$, $SDCM < 5$
- $UGR < 19$, cut off angle $> 30^\circ$ make the lighting comfortable for indoor application
- IP20 for full fitting, while IP44 front part provides additional protection against humidity
- External driver design makes the product flexible for different driver options
- Less than 100mm product height make it easy to fit in tight ceiling spaces
- Long 30,000hr lifetime reduces maintenance costs
- IP safe high efficient SMD ensure system liability and legal risks free
- Safety Compliance Certificates - CCC & CB

Application Areas:

- Office building
- Shopping mall
- Retail store
- Hospitality



General Specifications

LEDVANCE® Downlight Pro		Downlight Pro 4"	Downlight Pro 6"	Downlight Pro 6"	Downlight Pro 8"	Downlight Pro 8"
Electrical	Wattage (W)	9	13	16	20	25
	Voltage range	100 - 240VAC, 50/60Hz				
	Power factor	0.9				
	Protection class	Class II				
Optical	Rated lumens (lm) for 4000K and 6500K	900	1300	1600	2000	2500
	Rated lumens(lm) for 3000K	855	1235	1520	1900	2375
	CCT (K)	3000/4000/6500				
	CRI	>80				
	SDCM	<5				
	System lumen efficacy	100 lm/W (95 lm/W for 3000K)				
	Beam angle	65°	75°	75°	75°	75°
	UGR	<19				
Cut off angle	>30°					
Mechanical	Size (LxH mm)	Φ132x53	Φ180x72	Φ180x72	Φ220x89	Φ220x89
	Cut out (mm)	Φ105-118	Φ150-165	Φ150-165	Φ190-205	Φ190-205
	Weight (g)	300	520	520	765	765
	Housing material	Aluminum in Gray (RAL7015)				
	Bezel material	Aluminum in White				
	Driver installation	External				
	Ingress protection	IP20 (front part IP44)				
Others	Rated lifetime	30,000 hrs @ L70 (Ta=25°C)				
	Operating temperature	-20 - +45°C				

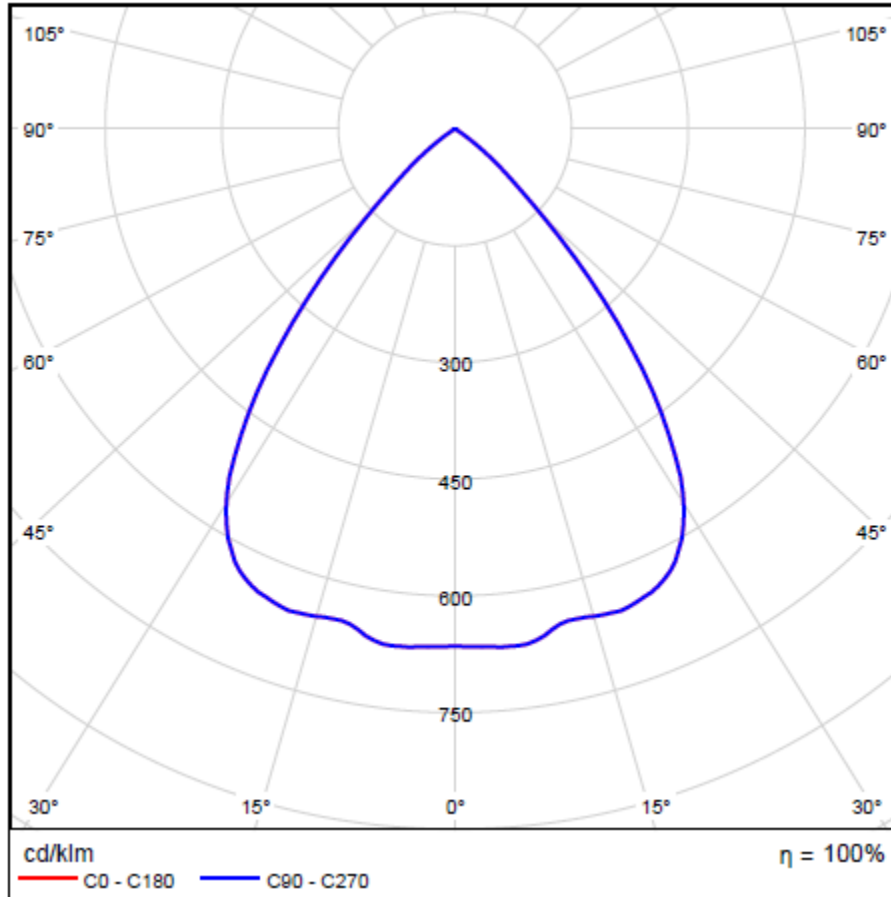
	Storage temperature	-20 - +70°C
--	----------------------------	--------------------

Ordering Codes:

Description	Model Number on Product Label	Shipping quantity	EAN10	EAN40
DOWNLIGHT PRO 105 9W/3000K 30x1 LEDVO	LDV-DLP-RD04-AM	30pcs	4058075065338	4058075065345
DOWNLIGHT PRO 105 9W/4000K 30x1 LEDVO	LDV-DLP-RD04-AM	30pcs	4058075065352	4058075065369
DOWNLIGHT PRO 105 9W/6500K 30x1 LEDVO	LDV-DLP-RD04-AM	30pcs	4058075075191	4058075075207
DOWNLIGHT PRO 150 13W/3000K 24x1 LEDVO	LDV-DLP-RD06-AM	24pcs	4058075065376	4058075065383
DOWNLIGHT PRO 150 13W/4000K 24x1 LEDVO	LDV-DLP-RD06-AM	24pcs	4058075065390	4058075065406
DOWNLIGHT PRO 150 13W/6500K 24x1 LEDVO	LDV-DLP-RD06-AM	24pcs	4058075075214	4058075075221
DOWNLIGHT PRO 150 16W/3000K 24x1 LEDVO	LDV-DLP-RD06HO-AM	24pcs	4058075065413	4058075065420
DOWNLIGHT PRO 150 16W/4000K 24x1 LEDVO	LDV-DLP-RD06HO-AM	24pcs	4058075065437	4058075065444
DOWNLIGHT PRO 150 16W/6500K 24x1 LEDVO	LDV-DLP-RD06HO-AM	24pcs	4058075075238	4058075075245
DOWNLIGHT PRO 190 20W/3000K 18x1 LEDVO	LDV-DLP-RD08-AM	18pcs	4058075065451	4058075065468
DOWNLIGHT PRO 190 20W/4000K 18x1 LEDVO	LDV-DLP-RD08-AM	18pcs	4058075065475	4058075065482
DOWNLIGHT PRO 190 20W/6500K 18x1 LEDVO	LDV-DLP-RD08-AM	18pcs	4058075075252	4058075075269
DOWNLIGHT PRO 190 25W/3000K 18x1 LEDVO	LDV-DLP-RD08HO-AM	18pcs	4058075065499	4058075065505
DOWNLIGHT PRO 190 25W/4000K 18x1 LEDVO	LDV-DLP-RD08HO-AM	18pcs	4058075065512	4058075065529
DOWNLIGHT PRO 190 25W/6500K 18x1 LEDVO	LDV-DLP-RD08HO-AM	18pcs	4058075075276	4058075075283

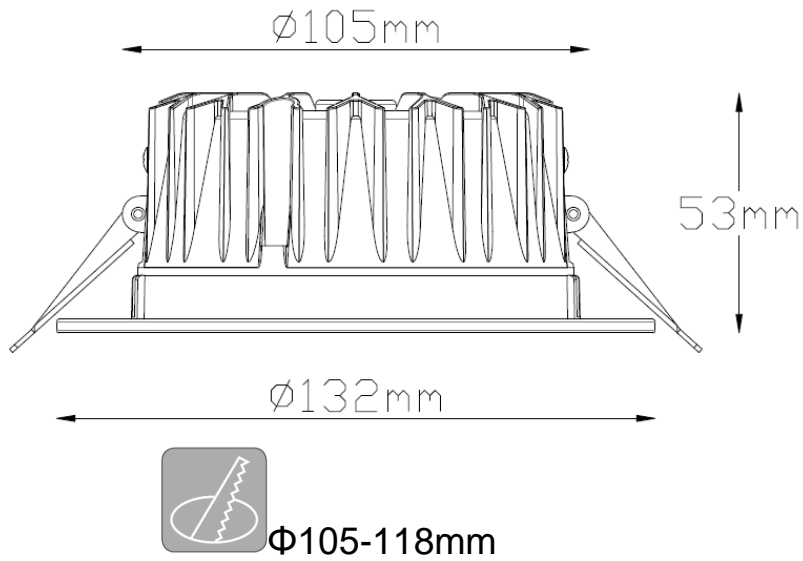
Polar intensity diagram:

DOWNLIGHT PRO 150 16W/4000K

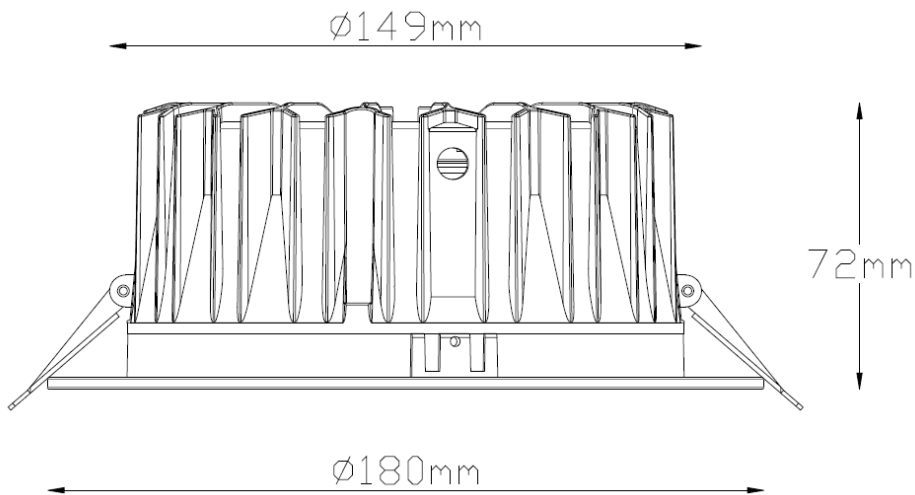


Drawing/Dimensions:

DOWNLIGHT PRO 105 9W



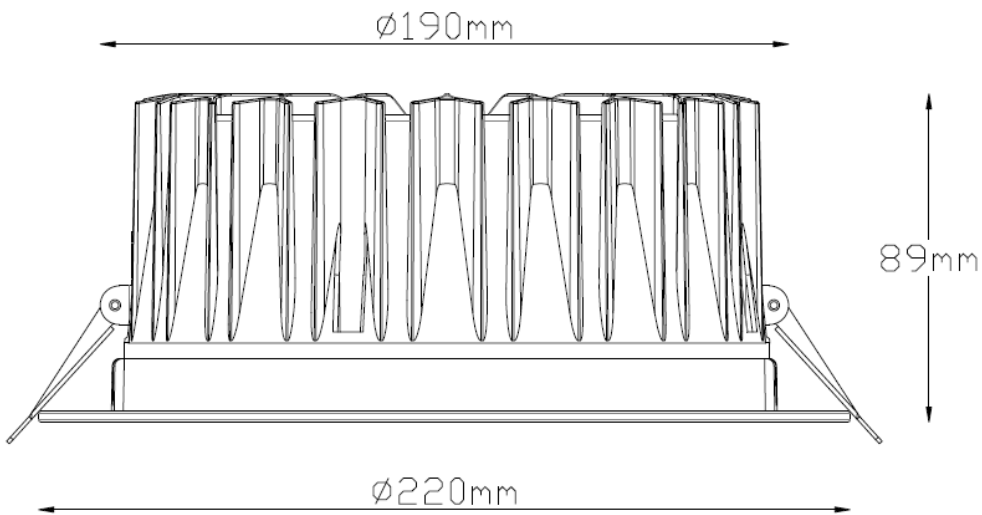
**DOWNLIGHT PRO 150 13W;
DOWNLIGHT PRO 150 16W**





Φ150-165mm

DOWNLIGHT PRO 190 20W;
DOWNLIGHT PRO 190 25W



Φ190-205mm