LANBOT®

SQUARE RECESSED
ANTI-GLARE LED DOWNLIGHT I 4 - 5 INCH I 9W

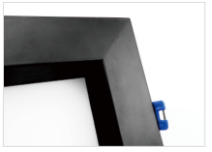
The anti-glare led downlight series to reduce glare and provide balanced, comfortable lighting in any home or workplace.

Job Information

Project Name		Location	
Quantity		Contact/Phone	
Notes			
Type		Date	

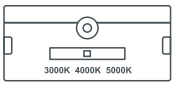
Specification

Optical Parameters	
Model	LBT-HBLX-09
CCT:	2700K / 3000K / 4000K / 5000K / 3CCT
Lumen out(lm)±5%:	747LM@4000K
Lumen efficacy:	83LM/W
LED Type:	SMD2835
CRI:	80Ra / 90Ra
Electrical Parameters	
Rated Power(W)±5%	9W
Rated / Actual Input:	AC120V / 60Hz
Driver output Data:	36-42Vdc / 200mA / 7.2W
Power Factor / THD / PE:	>90% / <30 / 70%
Driver / Connection:	Driver External
Beam Angle:	100°
Over Load / Short Circuit:	Protection
Life	
Warranty:	5 Years
Lumen Maintenance:	80,000hrs
LM83:	>97.1% lumen maintenance@6000hrs
Others	
Dimmable Solution:	Triac(ETL)
IP / IK / Glow-wire:	IP44
Operation Temp:	-20℃~+40℃
Storage Temp:	-40℃~+85℃
Frame Color RAL:	White / Black / Silver / Brushed Nickel
Packaging Information:	L375xW335xH425mm / 30PCS
Certification:	



20mm deep frame anti-glare
high quality painting

High quality cable wire lock
Strongest ceiling holding springs



3-CCT means white color tunable
Via a Dip Switch mounted in Junction box

Accessories

Description

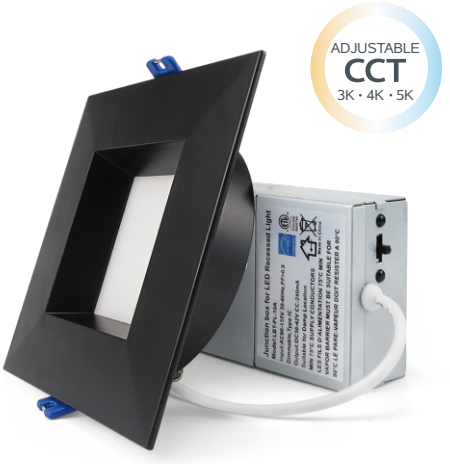
Body
Durable airtight aluminum body with etched white PMMA diffuser lens for low glare

Dimming
1%-100% dimming capability

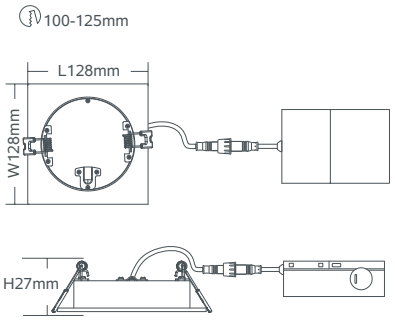
LED Characteristics
This general application light fixture features a 9 watt LED module that maintains uniform intensity producing up to 747 lumens; with a typical CRI of 80/90

Beam Spread
The fixture lens provides 100° beam spread

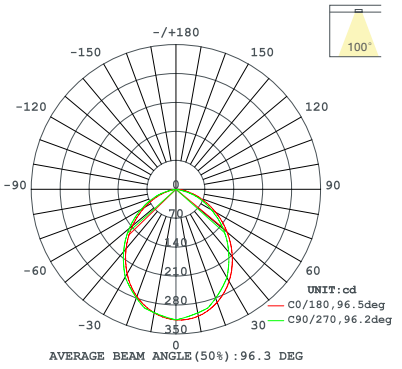
Mounting
Includes two spring loaded clips to attached to any ceiling material



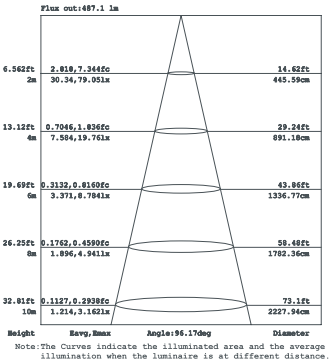
PRODUCT SIZE



POLAR CURVES WIDE DISTRIBUTION



AVERAGE AND CENTER E FIGURE



DIMMER COMPATIBLE CHART

Barnd	Model	Dimmability
Control:	C4-FPD120	3%-100%
E.T.N:	SAL06P	3%-100%
Lutron:	SELVB-300P	3%-100%
	CTCL-153P	3%-100%
	MACL-153M	3%-100%
	PO-6WCL	3%-100%
	DVCL-153P	3%-100%
	MACL-LFQ	3%-100%
Leviton:	6674-POW	3%-100%
	TSL06	3%-100%
	AYCL-153P	3%-100%
Legrand:	RHCL-453P	3%-100%
Maxxima:	MEW-DM650	3%-100%

INSTALLATION PROCESS

Fig.1

Fig.2

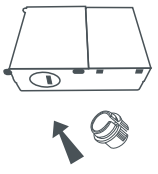


Fig.3

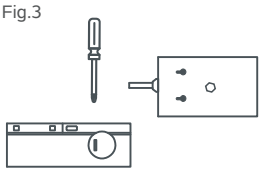


Fig.4

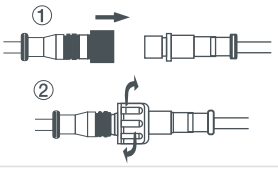


Fig.5

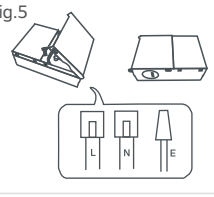
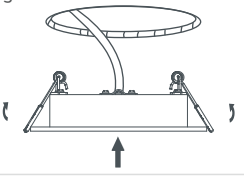


Fig.6



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