



Type:

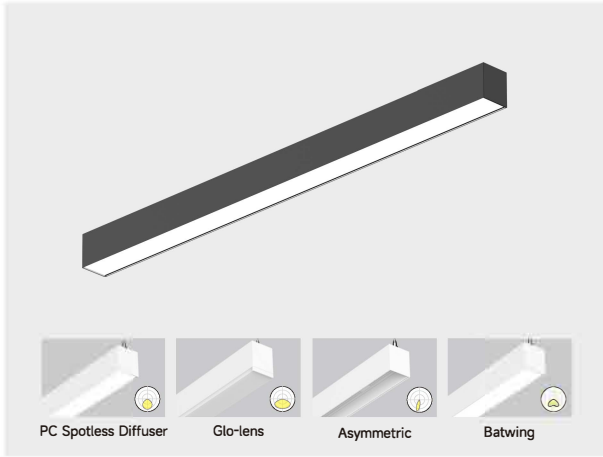
SPECIFICATION SHEET

Project:

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2.75 INCH LINEAR LIGHT

AR70P-B



DESCRIPTION

The series features unique dual-level control, allowing users to select from a diverse range of independently controllable direct and indirect light distributions, creating light both visually pleasing and comfortable.

It fits multiple ceiling types, includes suspended, recessed, wall, surface. Available in lengths of 2', 3', 4', 6', 8', and continuous runs. Perfect for commercial open offices, private offices, conference rooms, corridors, educational facilities, and more.

FEATURES

- Sleek architectural design and quality.
- 2.75" linear aperture.
- Available in 2', 3', 4', 6', 8' lengths for individual or continuous runs.
- High light efficacy 115-130lm/w.
- Multiple installation types including suspended, recessed, surface, and wall.
- CCT Switchable from 3000K, 3500K, 4000K.
- Up and down lighting with flexible intensity adjustment.
- Highly customizable with X, Y, T etc Joints.
- Integrated sensor system for smart control.
- Emergency battery backup available.
- Easy replacement and maintenance with removable accessories.

APPROVALS

- ETL - listed for damp locations
- Tested to IESNA LM-79 and LM-80

CONSTRUCTION

Housing: Extruded from 6063 aluminum
End Cap: PC
Housing color: Standard white, black, silver and custom powder
Lengths: Available in 2FT,3FT,4FT,8FT length

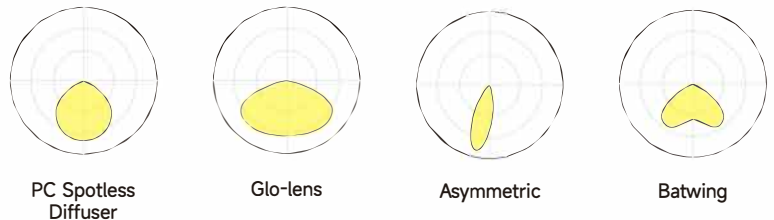
ELECTRICAL

Power: 30W, 38W, 50W, 75W, 100W (Selectable switch)
Voltage: AC 120-277/347V
DP driver: 0-10V continuous dimming driver (1% dimming standard)
Emergency: External 90 min. w/ test switch

LED SYSTEM

LED type: SMD
Lumen output: 2875lm (25W), 4370lm (38W), 5750lm (50W)
11500lm (100W)
Optic lens: PC Spotless Diffuser / Glo-lens / Asymmetric / Batwing
Light type: UP/Downlight (Selectable switch)
Color quality: CRI 80+/90+, SDCM≤5
Light color: CCT Selectable: 3000K-3500K-4000K
LED life: 90% (L90) of initial light output at 61,000+ hrs
70% (L70) of initial light output at 237,000+ hrs
Derived from TM-21 standard @25°C for worst case operating conditions

DISTRIBUTIONS



L-Shape



T-Shape



X-Shape



120° L-Shape



Y-Shape



Downlight



UP/Downlight

UP 30% Down 70%
UP 50% Down 50%
UP 0% Down 100%



ORDERING INFORMATION

AR70P	B					
SERIES	LIGHTING TYPE	LENGTH	POWER	VERSION	OPTIC LENS	INSTALLATION
<input type="checkbox"/> AR70P ARC 2.75" (70mm) Width Premium	<input type="checkbox"/> B Bidirectional	<input type="checkbox"/> 2FT 2 Feet <input type="checkbox"/> 3FT 3 Feet <input type="checkbox"/> 4FT 4 Feet <input type="checkbox"/> 8FT 8 Feet	<input type="checkbox"/> 25 10/20/25W <input type="checkbox"/> 38 22/30/38W <input type="checkbox"/> 50 30/40/50W <input type="checkbox"/> 100 60/80/100W	<input type="checkbox"/> CW CCT & Wattage Switch	<input type="checkbox"/> P PC Spotless Diffuser <input type="checkbox"/> G Glo-lens <input type="checkbox"/> A Asymmetric lens <input type="checkbox"/> B Batwing Film	<input type="checkbox"/> SPI Suspension with rope (I-Line with clip) <input type="checkbox"/> SCS Drop Ceiling Suspension Mount <input type="checkbox"/> SCKC 1.7" slim Canopy <input type="checkbox"/> SCKB 5" slim Canopy <input type="checkbox"/> WMC C-Type Wall mount <input type="checkbox"/> NTP 1/2" & 3/4 NPT= Pendant Hanger kits



HOUSING COLOR	CRI	CCT	VOLTAGE	DIMMING	MULTIPLE CONNECTION	OPTIONS
<input type="checkbox"/> W White <input type="checkbox"/> B Black <input type="checkbox"/> S Silver <input type="checkbox"/> C Custom	<input type="checkbox"/> 8 80+ <input type="checkbox"/> 9 90+	<input type="checkbox"/> CS CCT Selectable 3000K-3500K- 4000K	<input type="checkbox"/> HV 120-347V <input type="checkbox"/> UV 120-277V	<input type="checkbox"/> V 0-10V (10%) <input type="checkbox"/> W 0-10V (1%) <input type="checkbox"/> P PoE Compatible <input type="checkbox"/> D DALI <input type="checkbox"/> N Non-dimming	<input type="checkbox"/> N No <input type="checkbox"/> S YES	<input type="checkbox"/> Blank Non <input type="checkbox"/> EM Emergency Backup <input type="checkbox"/> MS Microwave Sensor <input type="checkbox"/> PIR PIR Sensor <input type="checkbox"/> BM Mesh Control PIR Sensor

ACCESSORIES (TO BE ORDERED SEP ARATELY)
FOR INSTALLATION CONSULT THE INSTRUCTION SHEET

OPTICAL ACCESSORY

☐ **PC Louver**
AR70-PL

☐ **Hex Louver**
AR70-HL





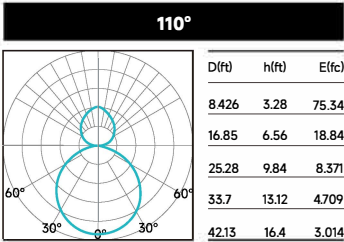
PHOTOMETRIC DATA (NON-DIMMING)

POWER	CCT	CRI	BEAM OPTIC	LUMENS (lm)	EFFICACY (lm/W)	MAX CANDELA (cd)
25W	3000K	80	110°	3056.9	119.41	812.6
30W	3000K	80	110°	3708.2	116.98	994.7

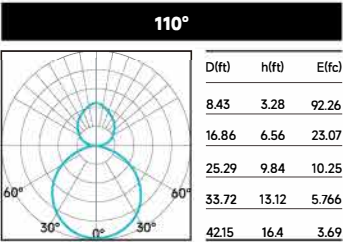
Above test data is based on [PC Spotless Diffuser](#) with 80CRI LED.

LIGHT DISTRIBUTION

3500K 30W



3500K 50W

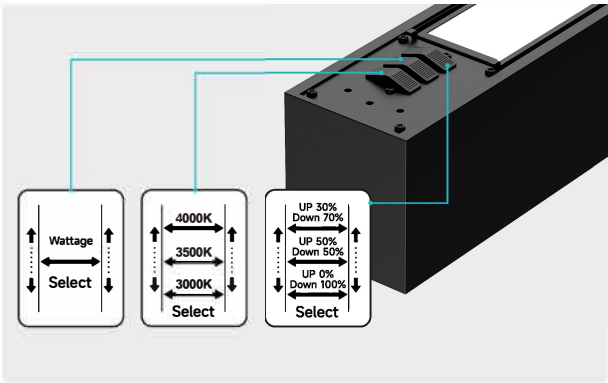


Above test data is based on [PC Spotless Diffuser](#) with 80CRI LED.

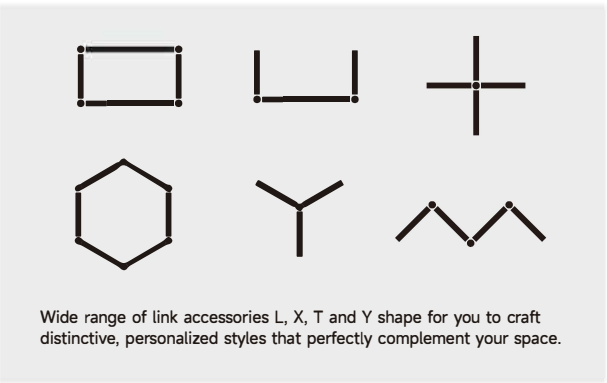


DETAILS

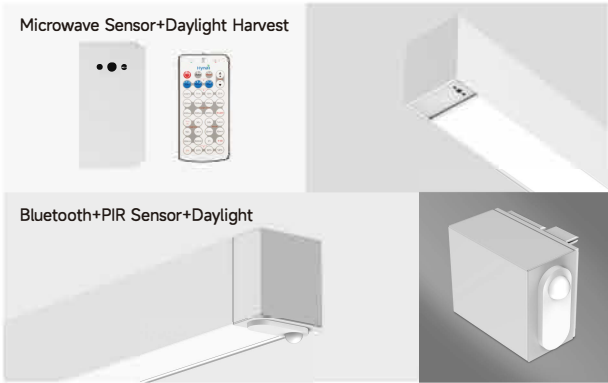
CCT & Wattage Switch



Create Any Shape As You Want



Sensor Controls



Emergency Backup





Type:

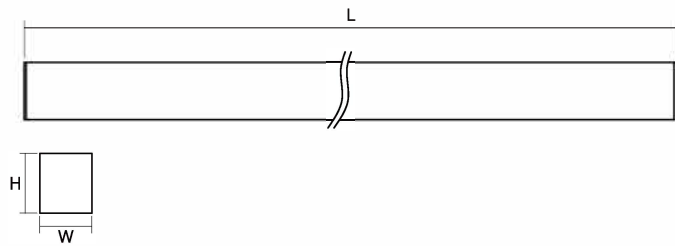
SPECIFICATION SHEET

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DIMENSION

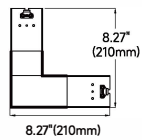
Size	L=Length	W=Width	H=Height
2'	23.85"(606mm)	2.75"(70mm)	3.15"(80mm)
3'	35.67"(906mm)		
4'	47.48"(1206mm)		
8'	94.72"(2406mm)		



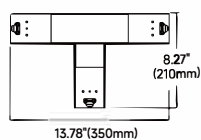
Lit-Pattern Connectors



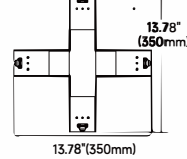
L-Shape



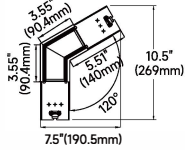
T-Shape



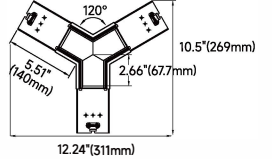
X-Shape



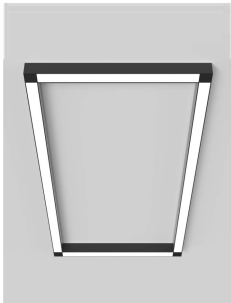
120° L-Shape



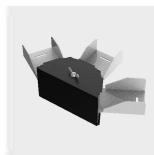
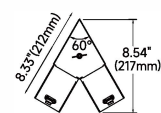
Y-Shape



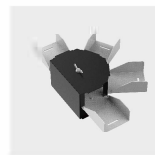
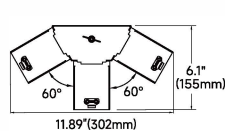
Non Lit-Pattern Connectors



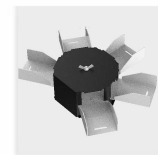
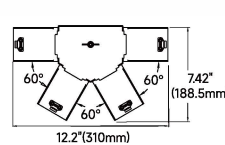
2 Head x 60°



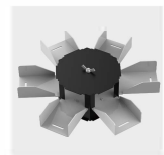
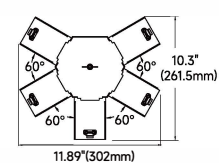
3 Head x 60°



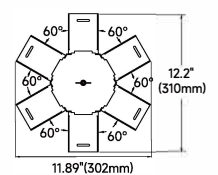
4 Head x 60°



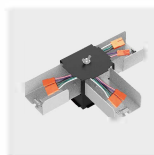
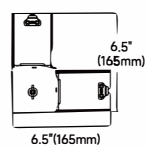
5 Head x 60°



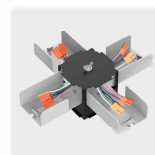
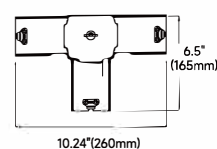
6 Head x 60°



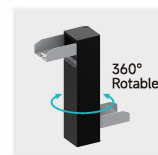
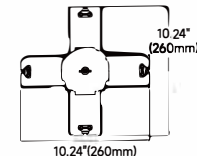
L-Shape



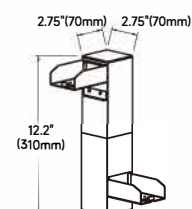
T-Shape



X-Shape



Z-Shape

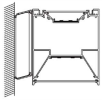


INSTALLATION

Wall Mount



1.1 WMB-Wall Mount Kits B-Type



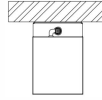
1.2 WMC-Wall Mount Kits C-Type



Surface



2.1 SMA-Surface Mount Kits A-Type



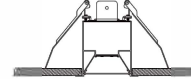
2.2 SMB-Surface Mount Kits B-Type



Recessed



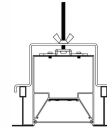
3.1 RMC-Recessed Mount Spring clips for Housing C



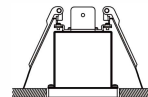
3.2 RMT-A type/T-Grid Recessed Mount Kits for Housing C



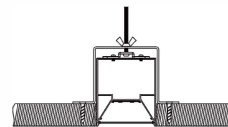
3.3 RMS-B type/T-Grid Recessed Mount Kits for Housing C



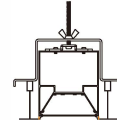
3.4 RMG-Frame type Recessed Mount Kits



3.5 RML-C-type/Flangeless Recessed Mount



3.6 RMD-D-type/T-grid Flangeless Recessed Mount



3.5 RML-C-type/Flangeless Recessed Mount



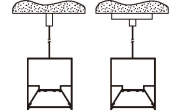
Pendant



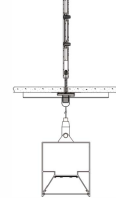
4.1 NPT Stem Suspension



4.2 Dry Ceiling Suspension



4.3 Drop Ceiling Suspension





Type:

SPECIFICATION SHEET

Project:

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LINERA LIGHT SYSTEM

The linear lighting systems feature a strong profile for a nearly hair thin connection in continuous runs. Available in lengths of 2', 3', 4', 6', and 8', as well as custom options. High efficiency (115-130 lm/w) is delivered, with CCT switchable from 3000K to 4000K to suit different indoor settings. Various designs can be formed using L, X, and T joints, with full mounting options pendant, wall, surface, as well as wide range of accessories to provide maximum flexibility.