

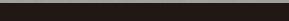
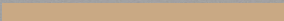
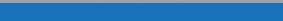
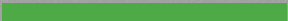
Entry / ECO

Standard / STD

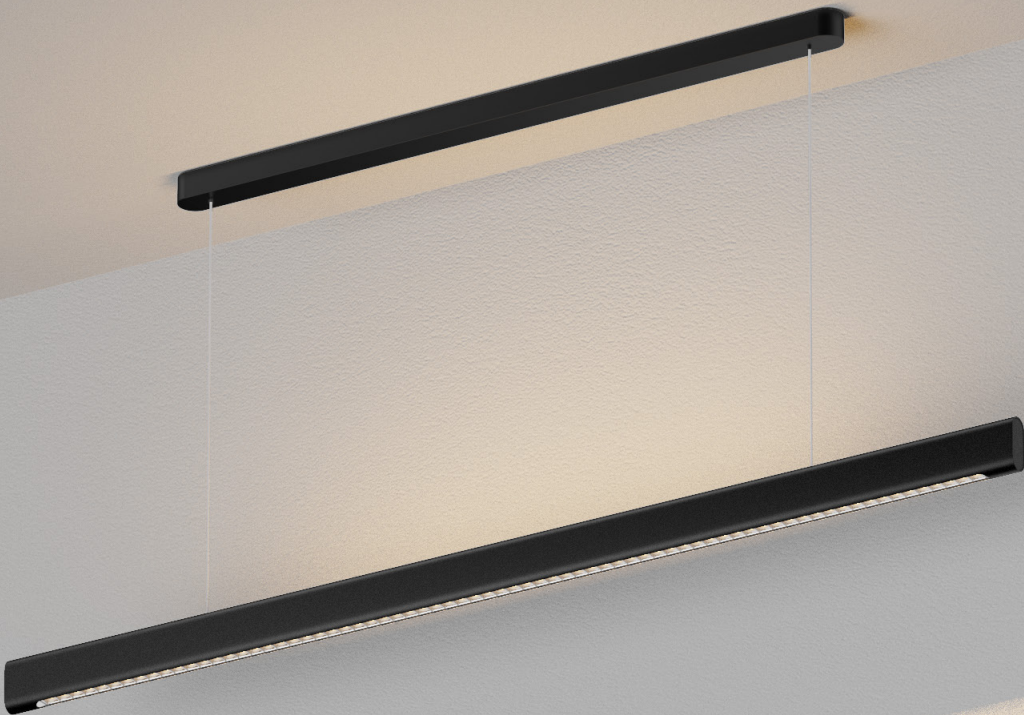
Professional / PRO

ODM & OEM

Intelligent / INT



PRO
Specifications



LED Linear
DB207 Series



Introduction

This linear light comprises a sleek and elegant slim design with clean minimalist finishing to complement a versatile range of interior designs. Clean, sleek, slim and class are feeling evoked with this linear lighting design. UGR<19 though internal optic lens and reflector, which offers comfortable visual experience for users. AL6063 aluminium housing not only ensure a strong quality but also for great thermal management and long lifespan. It will be a perfect choice for office, dining table, kitchen or conference table.

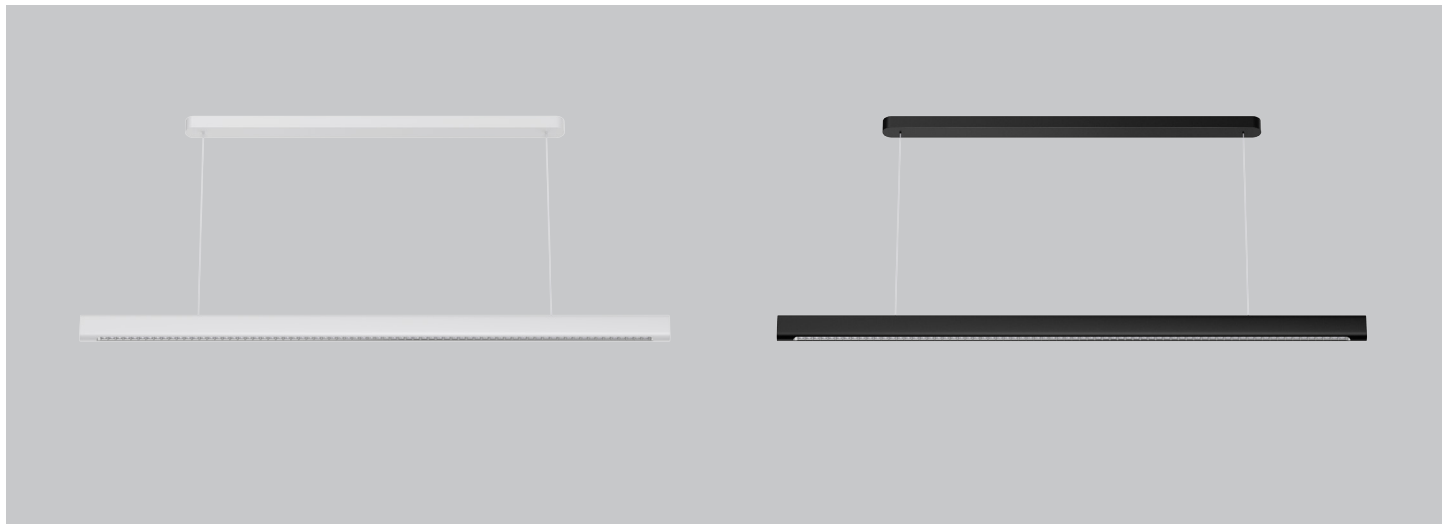
Features

- Super slim design with 25mm thickness only
- Direct & indirect lighting design, direct 80% and indirect 20%
- UGR<19
- Finished color: White RAL 9016,Black RAL9005
- Driver replaceable for easy maintenance
- Dimming way: Triac, DALI
- Internal flicker free driver

Application Areas

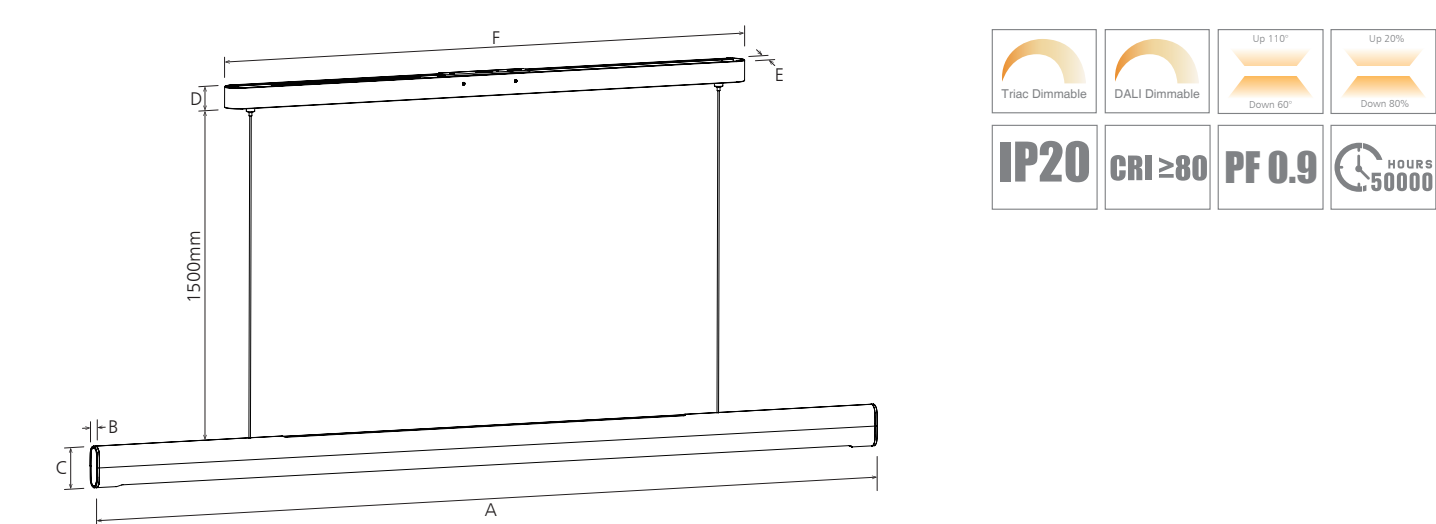
It is designed for indoor applications in office, dining table, kitchen or conference table etc.





Technical Data Sheet

Code			DB207-1200		DB207-1600			
Dimension(mm)			1200*25*59		1572*25*59			
Cutout (mm)			-					
Watt(W)			30W	36W	36W	40W	42W	50W
Rated Input Voltage			AC220-240V					
Input Voltage			AC198-264V					
LED Module Input			-					
Light Source			SMD					
SDCM			<6					
CCT(K)			1-CCT:3000K/ 4000K/ 5000K/ 5700K					
CCT Selection DIP Switch			-					
Luminous Flux (lm) ±5% CRI80	1-CCT	Non-DIM	3300-3850	3800-4300	3800-4300	-	4600-5200	5250-6000
		DIM	3300-3850	3800-4300	3800-4300	4200-4800	4600-5200	5250-6000
	3-CCT	Non-DIM	-					
		DIM	-					
Remark: If with Black color, the lumen will decrease around 6%								
CRI			80					
Beam Angle (°)			Down 60°, Up110°					
UGR			<19					
LED Driver			Driver built-in					
Dimming Option			DALI / Triac					
Sensor			NO					
Emergency Kits			NO					
Electrical Class			Class I					
Ingress Protection(IP Rating)			IP20					
Impact Resistance(IK Rating)			-					
Product Finishing			White RAL 9016; Black RAL9005					
Optics Material			PC					
Housing Material			Aluminium					
Lifetime (hr)			50,000h					
Glow wire test (°C)			750°C					
Operating Temp.(°C)			-20°C-45°C					
Storage Temp.(°C)			-20°C~65°C					
Installation			Pendant					



Measurement

Code	Dimension(mm)						Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D	E	F		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
DB207-1200	1200	25	59	30	36.5	796.5	1200*25*59	1.68	2.17	10.08	14	124*27.5*19.5	6	2310	5694
DB207-1600	1572	25	59	30	36.5	1168.5	1572*25*59	2.15	2.87	12.90	18.4	161*27.5*19.5	6	1782	4446

Driver Datasheet(Non-dimmable)

Total load wattage		30W	36W	42W	50W
Output	Rated output current	800mA	950mA	1100mA	1300mA
	Output Voltage range	DC28-40V			
	Line Regulation	± 5%			
	Setup, Rise Time	≤0.5			
	Flickering Index	0.25% (NO RISK)			
Input	Rated Input Voltage	AC220-240V			
	Input Voltage	AC198-264V			
	Frequency	50/60Hz			
	Rated Input Current	≤0.15A	≤0.18A	≤0.21A	≤0.25A
	Input Current	≤0.16A	≤0.21A	≤0.24A	≤0.29A
	Power Factor	0.9			
	THD	<20% @230V			
	Efficiency	≥86%	≥88%	≥88%	≥88%
	No load wattage	<0.5W @230V			
Protection	Short circuit protection	PASS			
	Over voltage protection	PASS			
	Over temperature protection	PASS			
Safety & EMC	Withstand voltage	I/P-FG:1.5KVac,<5mA 60S			
	Isolation Resistance	500VDC, ≥2M Ω			
	Surge	IEC/EN61000-4-5 (P≥25W L-N:1KV, L/N-PE:2KV)			
	EMC Emission	EN55015, EN61000-3-2			
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547			

Driver Datasheet(Triac Dimmable)

Total load wattage		30W	36W	40W
Output	Rated output current	800mA	950mA	1050mA
	Output Voltage range	DC28-40V		
	Line Regulation	±5%		
	Setup, Rise Time	<500ms@230V		
	Flickering Index	5%(LOW RISK)		
Input	Rated Input Voltage	AC220-240V		
	Input Voltage	AC198-264V		
	Frequency	50Hz		
	Rated Input Current	≤0.18A	≤0.21A	≤0.23A
	Input Current	≤0.20A	≤0.23A	≤0.26A
	Power Factor	0.9		
	THD	<20% @230V		
	Efficiency	≥84%		
	No load wattage	<1W@230V		
Protection	Short circuit protection	PASS		
	Over voltage protection	PASS		
	Over temperature protection	PASS		
Safety & EMC	Withstand voltage	I/P-FG:1.5KVac, <5mA 60S		
	Isolation Resistance	500VDC, ≥2M Ω		
	Surge	IEC/EN61000-4-5 (P≥25W L-N:1KV, L/N-PE:2KV)		
	EMC Emission	EN55015, EN61000-3-2		
EMC Immunity		EN61000-4-2,3,4,5,6,8,11; EN61547		

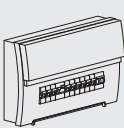
Driver Datasheet(DALI Dimmable)

Total load wattage		30W	36W	42W	50W
Output	Rated output current	800mA	950mA	1100mA	1300mA
	Output Voltage range	DC28-40V			
	Line Regulation	±5%			
	Setup, Rise Time	<1s @230V			
	Flickering Index	≤1%(NO RISK)			
Input	Rated Input Voltage	AC220-240V			
	Input Voltage	AC198-264V			
	Frequency	50/60Hz			
	Rated Input Current	≤0.15A	≤0.18A	≤0.22A	≤0.26A
	Input Current	≤0.17A	≤0.21A	≤0.24A	≤0.28A
	Power Factor	0.9			
	THD	<20% @230V			
	Efficiency	≥85%			
	No load wattage	<0.5w @230V			
Protection	Short circuit protection	PASS			
	Over voltage protection	PASS			
	Over temperature protection	PASS			
Safety & EMC	Withstand voltage	I/P-FG:1.5KVac, <5mA 60S			
	Isolation Resistance	500VDC, ≥2M Ω			
	Surge	IEC/EN61000-4-5 (P≥25w L-N:1KV, L/N-PE:2KV)			
	EMC Emission	EN55015, EN61000-3-2			
EMC Immunity		EN61000-4-2,3,4,5,6,8,11; EN61547			

Installation Procedure

WARNING

- 1.Switch off before installation.
- 2.Switch on only after complete installation and examination of the circuit.
- 3.Professional electrician for installation and maintenance only.



Pendant installation



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