BEST
Benson Energy Saving Technology

2024

Benson Energy Saving Technology

Clean Room Luminaires Catalogue

Application
- Food production facilities and kitchens
- Hospitals and Care Centers
- Clean production areas

Benson Energy Saving Technology Cleanroom selection: LED luminaires with T8 LED tubes.

These clean room luminaires are complaint with all relevant standards (CE, EMC, RoHS)

Benefits

- Low maintenance costs due to long lifetime of the luminaire and LED tubes

- LED tubes can be customized for different applications.

- Light source replaceable (**T8 LED tubes:** Special yellow LED tubes, flicker-free LED tubes, Sensor dim LED tubes , Microwave sensor/PIR sensor integrated LED tubes, 0-10V/PWM/TRIAC dimmable LED tube sets)

- Luminous efficacy can be up to 160lm/W. (general lighting only)

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Designed For
SEMICONDUCTOR CLEAN ROOM

G13 Cap-Base | 100 V / 277 V | 9、15 18、23 Watt | 600 900 1200 1500 mm

CE RoHS

Cut - off
under 500nm

50000hrs LIFETIME

YELLOW LED LIGHTING
INDUSTRIAL LIGHTING

APPROVED

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Frequency | 120.0313
SVM | 0.0021
PstLM | 0.1416

Flicker-free technology
The BEST LED lighting for Semiconductor Industry

Recessed clean room with top access

Specification

|	
Housing	High Quality white powder coated with aluminum body
Cover	Clear glass
Voltage	220V
Installation	Recessed with top access
Ambient temperature	0°C~40°C · Humidity>90%
Note	■ For T8 3.5ft LED tubes *3 Specification of LED tubes will be offered separately
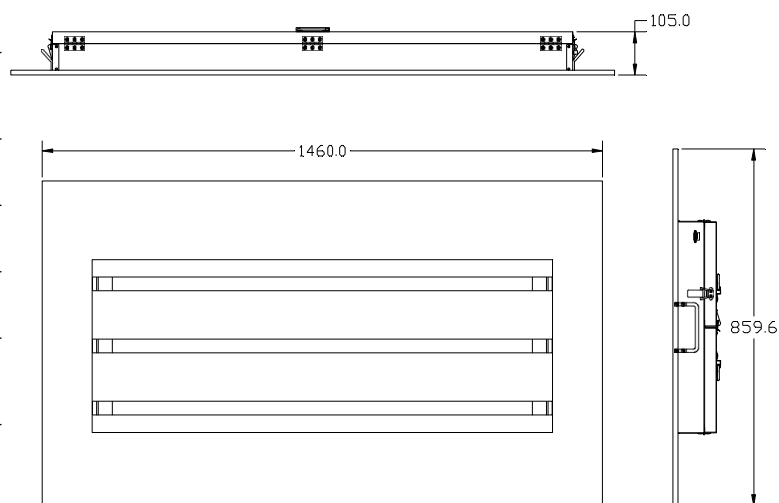
ITEM	BEST MATCH LED TYPE	SIZE OF LUMINAIRE
BEST-R7108-CL	T8 3.5ft LED tubes*3 (1047mm)	L1165 mm W 565 mm H110 mm

The picture and data could be adjusted without further notification. Please contact us for UpToDate information.

Recessed clean room with top access

Specification

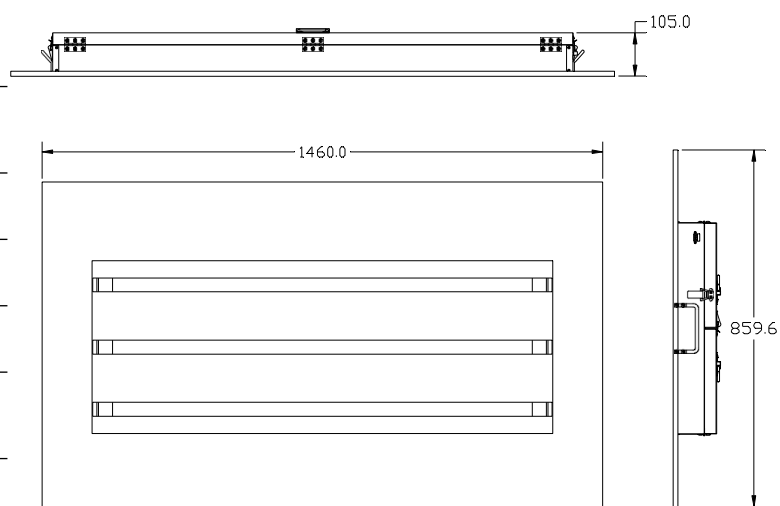|	
Housing	High Quality white powder coated with aluminum body
Cover	Clear glass
Voltage	100~277V
Installation	Recessed with top access
Ambient temperature	0°C~40°C · Humidity>90%
Note	■ For T8 2ft LED tubes *2 Specification of LED tubes will be offered separately
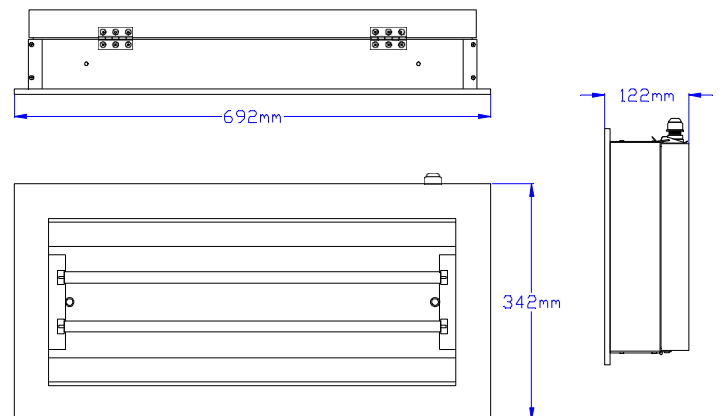
692mm

122mm

342mm

ITEM	BEST MATCH LED TYPE	SIZE OF LUMINAIRE
BEST-R1001	T8 2ft LED tubes*2	L 692mm W 342mm H 122mm

Recessed clean room with top access
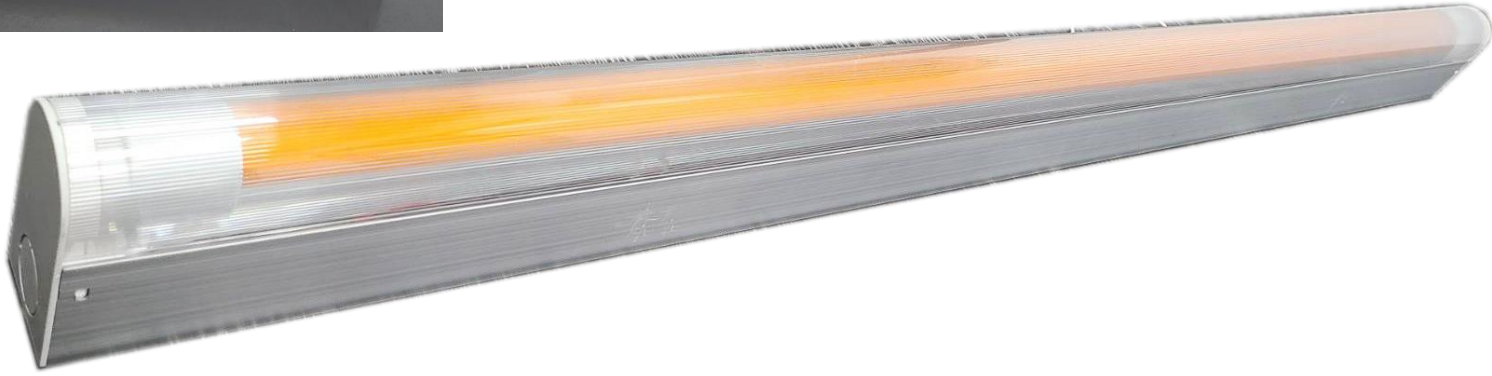

Specification

|	
Housing	High Quality white powder coated with aluminum body
Cover	Clear glass
Voltage	100~277V
Installation	Recessed with top access
Ambient temperature	0°C~40°C · Humidity>90%
Note	■ For T8 4ft LED tubes *3 Specification of LED tubes will be offered separately

ITEM	BEST MATCH LED TYPE	SIZE OF LUMINAIRE
BEST-R1002	T8 4ft LED tubes*3	L 1460mm W 859.6mm H 105mm

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Teardrop surface mounted

Specification

Housing	High Quality white coating with aluminum body
Cover	Plastic
Voltage	110~277V
Installation	surface mounted
Ambient temperature	0°C~40°C · Humidity>90%
Note	■ For T8 2ft, 4ft LED tubes *1 Specification of LED tubes will be offered separately
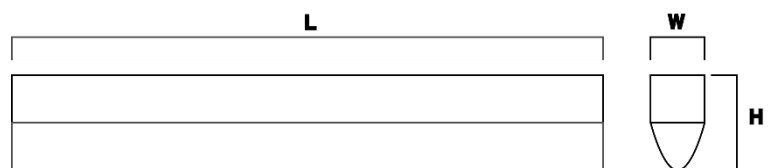
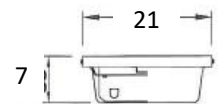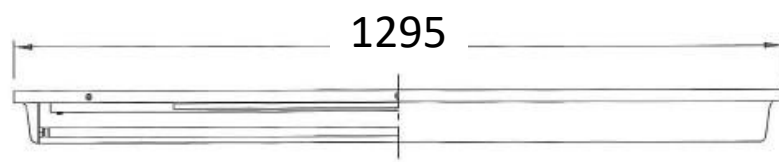| ITEM	BEST MATCH LED TYPE	SIZE OF LUMINAIRE
BEST-CRL001-T82F	T8 2ft LED tubes*1	L 624mm W 500mm H 97mm
BEST-CRL001-T84F	T8 4ft LED tubes*1	L 1220mm W 500mm H 97mm

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Individual surface mounted

Specification

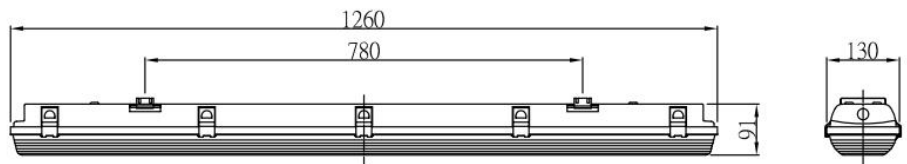| Housing	Aluminum
Cover	Plastic
Voltage	110~277V
Installation	surface mounted
Ambient temperature	0°C~40°C · Humidity>90%
Note	■ For T8 4ft LED tubes *2 Specification of LED tubes will be offered separately

1295

21

7

ITEM	BEST MATCH LED TYPE	SIZE OF LUMINAIRE
BEST-CRL002-T84F	T8 4ft LED tubes*2	L 1295mm W 210mm H 70mm

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IP65 Tri-proof LED Ceiling lamp

Specification

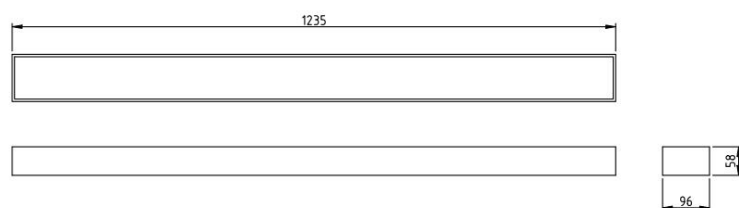|	
Housing	PC material in one-piece molding
	Stainless steel buckles
	Waterproof gasket
	IP 65 protection
Cover	Plastic
Voltage	110~277V
Installation	Surface mounted
Ambient temperature	0°C~40°C · Humidity>90%
Note	■ For T8 4ft LED tubes *2 Specification of LED tubes will be offered separately

ITEM	BEST MATCH LED TYPE	SIZE OF LUMINAIRE
BEST-CRL003-T84F1	T8 4ft LED tube*1	L1260mm W96mm H91mm
BEST-CRL003-T84F2	T8 4ft LED tubes*2	L 1260mm W 130mm H91mm

The picture and data could be adjusted without further notification. Please contact us for UpToDate information.

Linear Ceiling lamp in double T8 LED tubes

Specification

Housing	Aluminum alloy
Cover	Milky white acrylic / diffuser plate
Voltage	110~277V
Installation	surface mounted
Ambient temperature	0°C~40°C · Humidity>90%
Note	■ For T8 4ft LED tubes *1 Specification of LED tubes will be offered separately

ITEM	BEST MATCH LED TYPE	SIZE OF LUMINAIRE
BEST-OF001-T84F2	T8 4ft LED tubes*2	L 1235mm W 96mm H 58mm

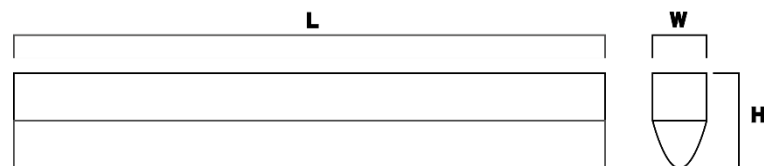# Linear Ceiling lamp in single or double T8 LED tubes – grille/milky cover

Milky cover   grille cover

規格說明

|	
Housing	High Quality white coating with aluminum body
Cover	Plastic
Voltage	110~277V
Installation	surface mounted
Ambient temperature	0°C~40°C，Humidity>90%
Note	■ For T8 4ft LED tubes Specification of LED tubes will be offered separately

ITEM	BEST MATCH LED TYPE	SIZE OF LUMINAIRE
BEST-OF002-T84F	T8 4ft LED tubes*1	L 1240mm W 95mm H 45mm
BEST-OF002-T84F2	T8 4ft LED tubes*2	L 1240mm W 130mm H 45mm

The picture and data could be adjusted without further notification. Please contact us for UpToDate information.

Linear ceiling lamp with 24VDC T8 LED tube

Specification

Housing	Steel with painting
Cover	Without cover
Voltage	110~240VAC
Installation	Wall mounted or ceiling mounted
Ambient temperature	0°C~40°C，Humidity>90%
Integrated	LED driver*1
LED tubes	24V DC 600mm T8 LED tube 24V DC 1200mm T8 LED tube
Certification	CE/RoHS/UL

637

82

50
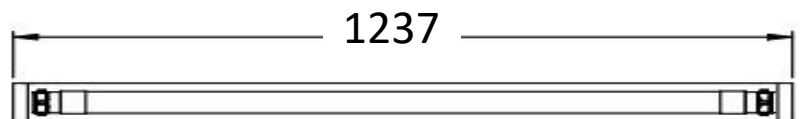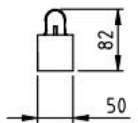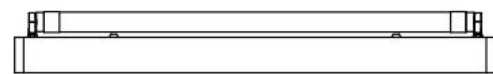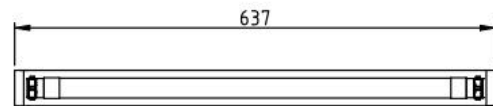
1237

ITEM	T8 LED tubes (24V DC)	Size of Luminaire
BEST-OF003-T82F	T8 600mm *1	L 637mm W50mm H82mm
BEST-OF003-T84F	T8 1200mm *1	L1237mm W50mm H82mm

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Pursuing BEST lighting

Website