LUMEGEN

BT.E.ADV^{SR}
– the back-lit panel with side driver

Description

The back-lit technology makes the life no longer limited to the LGP. Significantly reduce subsequent maintenance costs, and price is competitive.
It provides high uniformity, excellent efficiency and reduced glare in T-grid ceiling applications.

Features

* Back light panel with pmma lens with 10 years life.
* Warranty: 5 years
* Input Voltage: 100-277Vac | 1-10V dimmable | PF>0.9 | THD<20%
* High efficiency, up to 135lm/W RA:80
* 45mm thickness, driver on the side frame
* 50,000hrs life design for driver and LED

Application

- Office
- Retail
- Workshop

* School

Model List

Model	Size (ft)	Power (w)	LPW (lm/w)	Brightness(lm)	
				Color Temp	Lumens
LG-BL-PL30W-22-ID-35K	2X2	30	125	3500	3750
LG-BL-PL30W-22-ID-40K	2X2	30	125	5000	3750

Specification

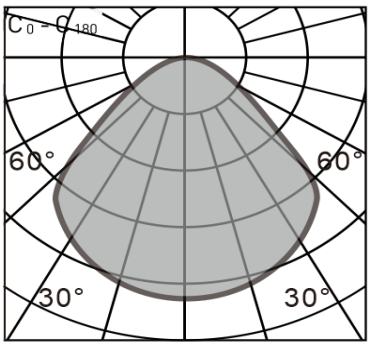
Optical Parameters	
CCT	2700K-5000K
CRI	80
SDCM	6
UGR	22
Beam angle	120°
Lamep Color RAL	White (RAL 9003)
Material	Lens: PMMA
	Frame: aluminum
	Back cover housing: White painted iron plate

Life	
Warranty	5 years
L70B50	50,000 hours
L80B50	30,000 hours
L90B50	15,000 hours
Driver failure rate	0.3% per 5000 hours
maintenance	Optical module sealed for life; no internal cl required

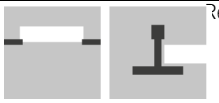
Electrical Parameters	
Dimming	1-10V 10%-100%
Input voltage	100-277Vac 50/60Hz
PF	0.95
PE	0.86
Over load/short Circuit	Protection
Driver Connection	Fixed on edge of panel
Hi-pot Test Range	Isolated Driver, 1500Vdc/5mA/60S

Installation Information	
Average ambient temperature	Average ambient : +25 ºc Operating temperature range: 0 to +40 ºC
Ceiling type	Exposed T-bar ceiling
Light source	Non-replaceable LED module
IP	Total lamp IP40
IK	IK02
Remarks	(Dim-line non-isolated)

Polar Cureves Wide Distribution



Lambertian



Recessed Grid Ceiling | Manual: *93701*

Default

Wire Suspended | Manual: *93705*
PJB.DJ002-2 (size 2x2 1x4)
PJB.DJ002-3 (size 2x4)

Accessory

Surface Mounted Frame | Manual: *93704*
PJB.XDK2.M.2X2(size 2x2)
PJB.XDK2.M.1X4(size 1x4)
PJB.XDK2.M.2X4(size 2x4)

Accessory

Photo | Dimension

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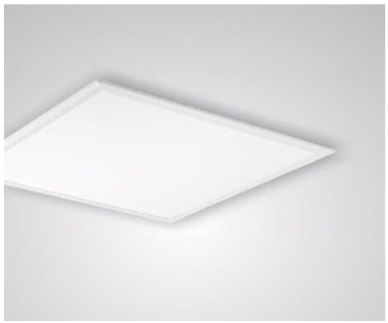

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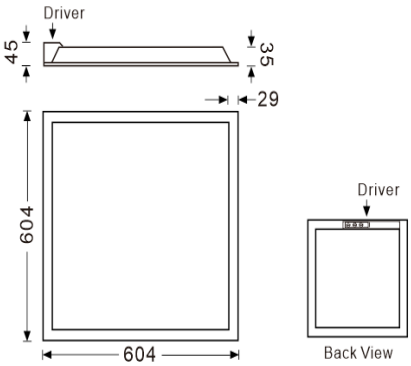

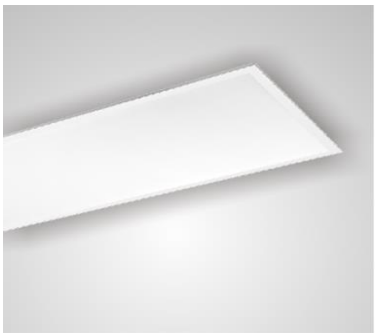

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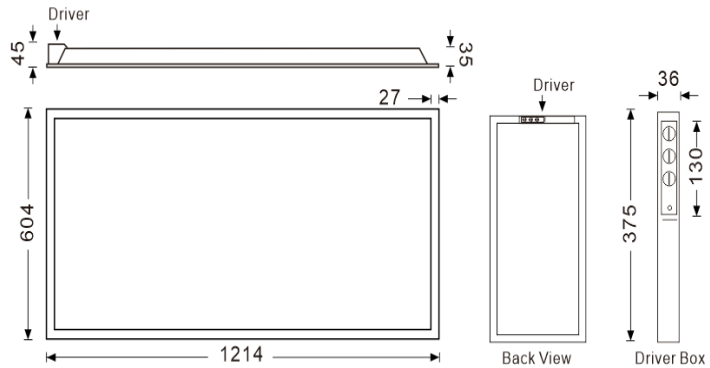

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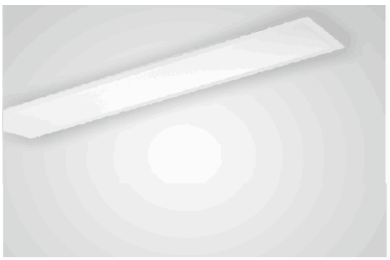
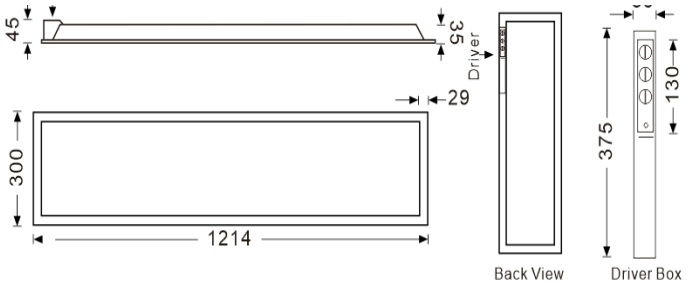




Product Details

Top of luminarie

Top of luminarie

Lighting of lumina

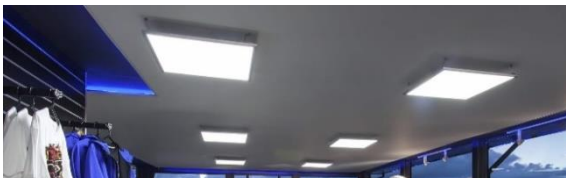
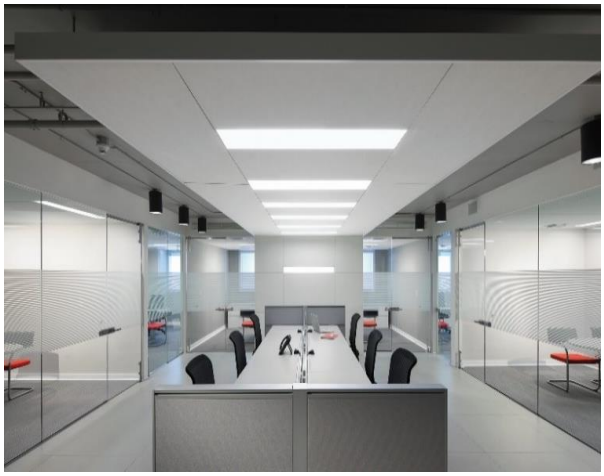
Top of luminarie

Material

Back of luminarie

Back of luminarie

Frame

Grid ceiling installa

Application