



High end LED panel Manga U low UGR. The panel consists of an aluminium frame finished with white powder coating. Panel with LEDs on the 4 sides and a total of 384 SMD2835 LED chips driven on very low current. Light output depending on the selected driver 30, 36, 40 or 50W, efficiency up to 134lm/W. Extremely strong housing 13 mm thick. Recessed mounting in modular ceiling. Various attachments for surface mounting or suspended mounting available. The new PET UGR17 diffuser consists of a very fine micro-prismatic structure, the difference with a standard diffuser is hardly noticeable. Always order a driver separately per panel. UGR17 with 30~36W driver (QTD), UGR <19 with 40~50W driver (UNIDRIVER50).



IP40	IK07	95	5 YEARS	up to 125	0,95	54.000 L90B10	YES	82	3000	I-10V/DAL	SMD2835	<19	YES	YES
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### Technical specifications

Referentie	MAU301205030
EAN code	5420076262891
ETIM code	EC002892

### Electrical specifications

System power (W)	50
LED power (W)	50
Input voltage (Vac)	42VDC
Frequency (Hz)	DC
Driver included	no
Driver intern/extern	extern
Driver brand	-
Driver reference	-
Dimmable	1-10V DALI
Flicker free	yes
Power factor	0,95
THD	
Driver output (V)	27~42V=
Driver output (mA)	1200
Isolation class	III
Energy class	E
N° circ. breaker 16A B	
N° circ. breaker 16A C	-
N° circ. breaker 16A D	-
Inrush current	-

### Warranty and certification

Lifetime (h)	54.000 L90B10
Warranty (years)	5 (excluding batteries)
ENEC	yes

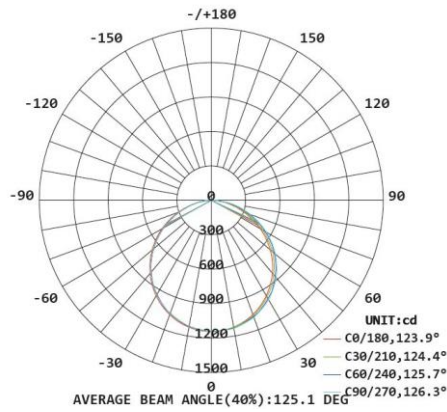
### Photometric specifications

Light angle (°)	95
Color temperature (K)	3000
CRI	82
UGR	<19
SDCM	3
Lumen output (Lm)	5759
Lm/W	125
Flux code	62 89 97 100 100
Ledchip	SMD2835
Led manufacturer	Hongli
N° of LEDs	384
Photobiological class	RG0

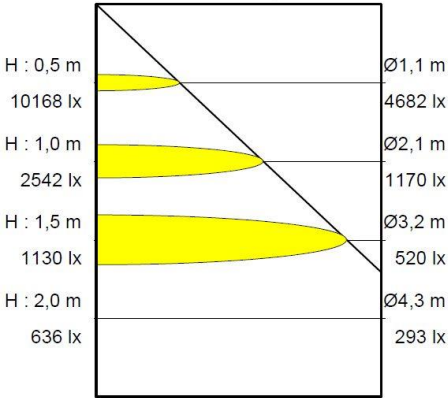
### Dimensions and material properties

Dimensions (LxBxH)	295x1195x12mm
Weight (kg)	4
Color	white RAL9016
Working temp. (°C)	-25~+45
IP value	IP40
IK value	IK07
UV resistant	yes
Seawater resistant	no
UL94	VTM-2
N° in masterbox	5
N° on pallet	90
MOQ	1
Stock item	yes
EPA	

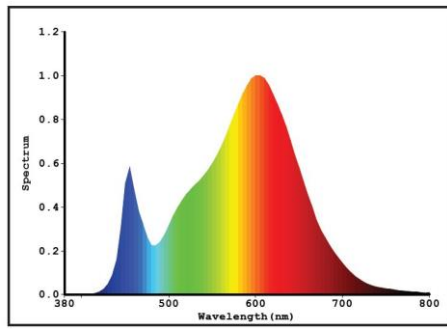
Lumen distributio



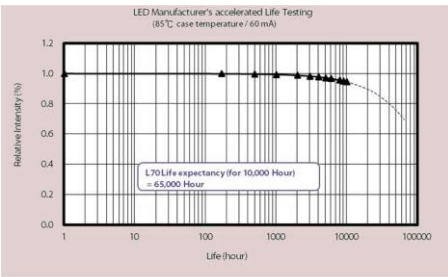
Distance curve:



Spectrum distributio

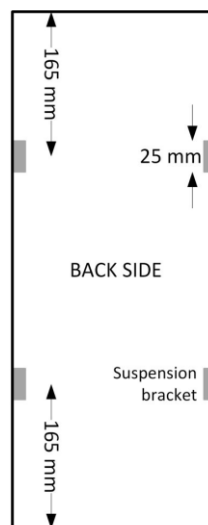
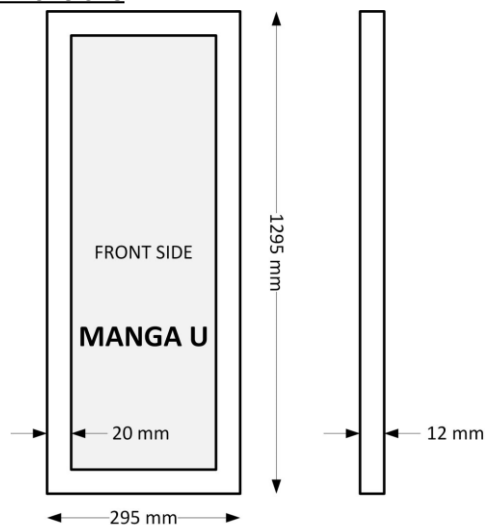


Lumendrop



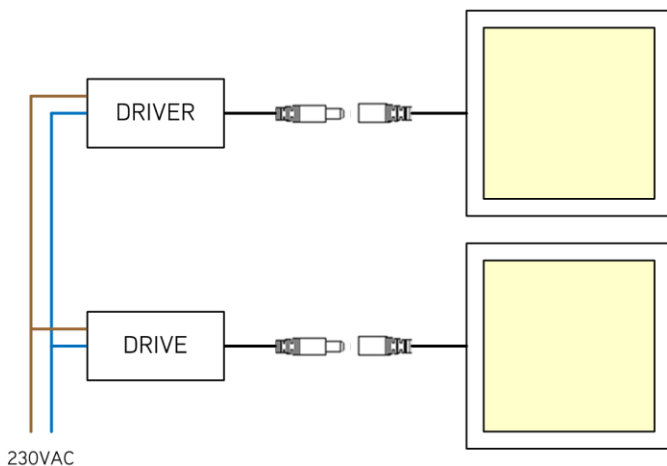
MANGA U 384x SMD2835	
Tc 55°C	
L70B50	95000H
L80B20	65000H
L90B10	54000H

## Dimensions



## Connection diagram

### BASIC NON DIM



### DIM 1-10V/DALI

