



Illuminated Products Technical Manual





Dear Clients,

Thank you for choosing MT Displays' illuminated products. MT Displays products are designed and developed for long term use when maintained as per the information provided in this manual.

This manual is intended as a guide to the use and maintain the illuminated display products of MT Displays. The goal of this document is to give a broad overview of the main functions of these units. Every effort has been made to ensure that this document is an accurate representation of the functionality and technical details. Brief descriptions and detailed technical information of our standard illuminated display products are provided to aid the user during the use of the units. For custom products, similar information can be provided user upon request.

It is users' responsibility to ensure the relevant assembling steps and precautions are followed.

Notes

- Some of the wording in this manual can be technical.
To avoid any damage on unit or person, the instructions should be followed at all times
- The information in this manual is protected by copyrights.
- No part of this publication maybe reproduced, stored in a retrieval system or transmitted in any form or by any means, technical, electronic, photo-copying, recording or otherwise without the prior written permission of the publisher.
- The product in this manual may not be subjected to reverse engineering.
- The images in this manual representing the unit, may not be identical to the product sold.
- In case of any claim, user is required to return product or any parts to manufacture for analysis at their own cost. If the manufacturer confirms the problem is a manufacturing fault, a replacement will be provided. This applies for all illuminated products.

Comments and request regarding the content and scope of this Manual are welcome and should be forwarded by e mail to : info@mtdisplays.com.tr

Smart LEDbox Chronology

Starting from day one, MT Displays has been constantly improving upon Smart LEDbox technology to offer more efficient and practical uses. With the help of advancing LED technology and thanks to MT Displays R&D team, Smart LEDbox is now brighter and more durable than ever. Its design, packing and electrical components are reviewed regularly to always stay at the front of the latest available technology resulting in the Smart Led Box being one of the top selling premium LED frames in the world.

LED Brand Changes: Edison to Prolight and today all Osram.

Smart LEDbox follows the technological changes in the market closely to always provide the highest illumination level. We always use the highest quality LEDs available.

Packaging Improvements

Strong corner protection and power switch protectors ensure high protection during shipping.

Wiring Improvements

In order to increase quality, electrical cables were changed to stannic, which increase conductivity.

Cable Connection Application.

Each LED strip is connected to power strip independently to avoid LED strip joints coming off and loss of functionality.

Acrylic Surface Process changed from lines to dots.

Using dots on the surface provides better light distribution. Lines are no longer used on acrylic surface and have been changed to dots.

Power Switch and Cable Jack diameter change.

Power cable used for switch and jack is expanded in diameter to reduce heat coming off the diots.

Full Length LED Strips for 25mm Smart LEDbox.

Full length LED strips are used for all standard and custom sizes. Smart LEDbox provides flexibility for users to change LEDs that exceed their life span.

Adaptor Brand Changes: From Sinrace to Fining and today GME.

To increase the life span of the power supplies we changed to a higher capacity component version.

Switch and Jack change.

Jack and switch has been changed In order to increase life span by increasing resistance to heat.

Metal jack

Plastic jack has been replaced by a new metal jack.



LED Product Programme (Production & Availability)

Size Available	25mm Indoor LEDbox		35mm Indoor LEDbox		35mm Outdoor/ Lockable LEDbox	Convex LEDbox	Maxi LEDbox	Magnetic LEDbox	AcryLED	Ideal LEDbox	Best Buy LEDbox		Magneco LEDbox		
	Poster Size	single	double	single	double	single	single	single	single	single	single	single	double	single	double
A4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A0	✓	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
B2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
B1	✓	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
B0	N/A	N/A	✓	✓	✓	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20"x30"	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓	✓	✓	✓
30"x40"	✓	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓	✓	✓	✓
40"x60"	N/A	N/A	✓	✓	✓	✓	N/A	✓	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11"x17" (USA)	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓	✓	✓	✓
22"x28" (USA)	✓	✓	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓	✓	✓	✓
24"x36" (USA)	✓	N/A	✓	✓	✓	✓	✓	✓	✓	N/A	✓	✓	✓	✓	✓
Max(WxH)mm	850x1200*	600x900	1200x2415	1016x1600	1200x2100	850x1250	1200x2415	850x1200	850x1200	850x1200*	850x1200*	850x2000	850x1200*	850x1200	850x1200

*Max perimeter is 4000mm in condition of short profile is max 850mm and long profile is max 1500mm.

Power Consumption	25mm Indoor LEDbox		35mm Indoor LEDbox		35mm Outdoor/ Lockable LEDbox	Convex LEDbox	Maxi LEDbox	Magnetic LEDbox	AcryLED	Ideal LEDbox	Best Buy LEDbox		Magneco LEDbox	
	Poster Size	single	double	single	double	single	single	single	single	single	single	double	single	double
A4	6 W / 0.5 A	12 W / 1 A	12 W / 1 A	19 W / 1.41 A	12 W / 1 A	2 W / 0.16 A	12 W / 1 A	12 W / 1 A	6 W / 0.5 A	6 W / 0.5 A	7 W / 0.58 A	9.5 W / 0.79 A	7 W / 0.58 A	9.5 W / 0.79 A
A3	18 W / 1.44 A	18 W / 1.5 A	18 W / 1.44 A	26 W / 2.16 A	18 W / 1.44 A	3 W / 0.24 A	18 W / 1.44 A	18 W / 1.44 A	18 W / 1.44 A	10 W / 0.8 A	11 W / 0.91 A	14 W / 1.15 A	11 W / 0.91 A	14 W / 1.15 A
A2	23 W / 1.92 A	24 W / 2 A	23 W / 1.91 A	36 W / 3 A	23 W / 1.91 A	8 W / 0.64 A	23 W / 1.91 A	23 W / 1.91 A	23 W / 1.92 A	13 W / 1.1 A	14 W / 1.16 A	20 W / 1.66 A	14 W / 1.16 A	20 W / 1.66 A
A1	35 W / 2.83 A	36 W / 3 A	35 W / 2.83 A	52 W / 4.33 A	35 W / 2.83 A	10 W / 0.84 A	35 W / 2.83 A	35 W / 2.83 A	35 W / 2.83 A	20 W / 1.66 A	21 W / 1.75 A	28.5 W / 2.38 A	21 W / 1.75 A	28.5 W / 2.38 A
A0	48 W / 4 A	-	48 W / 4 A	72 W / 6 A	48 W / 4 A	24 W / 2 A	48 W / 4 A	48 W / 4 A	48 W / 4 A	28 W / 2.3 A	29 W / 2.4 A	40.5 W / 3.39 A	29 W / 2.4 A	40.5 W / 3.39 A
B2	27 W / 2.24 A	28 W / 2.33 A	27 W / 2.24 A	41 W / 3.33 A	27 W / 2.24 A	7 W / 0.6 A	27 W / 2.24 A	27 W / 2.24 A	27 W / 2.24 A	16 W / 1.3 A	17 W / 1.41 A	24 W / 2 A	17 W / 1.41 A	24 W / 2 A
B1	41 W / 3.33 A	-	41 W / 3.33 A	61 W / 5 A	41 W / 3.33 A	13 W / 1.1 A	41 W / 3.33 A	41 W / 3.33 A	41 W / 3.33 A	24 W / 2 A	25 W / 2.08 A	35 W / 2.9 A	25 W / 2.08 A	35 W / 2.9 A
B0	-	-	58 W / 4.8 A	87 W / 7.16 A	58 W / 4.8 A	-	56 W / 4.8 A	-	-	-	-	-	-	-
20"x30"	31 W / 2.56 A	32 W / 2.66 A	31 W / 2.56 A	46 W / 3.83 A	31 W / 2.56 A	9 W / 0.72 A	31 W / 2.56 A	31 W / 2.56 A	31 W / 2.56 A	-	17 W / 1.41 A	26 W / 2.16 A	17 W / 1.41 A	26 W / 2.16 A
30"x40"	41 W / 3.36 A	-	41 W / 3.36 A	62 W / 5 A	41 W / 3.36 A	13 W / 1.1 A	41 W / 3.36 A	41 W / 3.36 A	41 W / 3.36 A	-	25 W / 2.08 A	36 W / 3.02 A	25 W / 2.08 A	36 W / 3.02 A
40"x60"	-	-	62 W / 5 A	94 W / 7.5 A	65 W / 5 A	-	65 W / 5 A	-	-	-	-	-	-	-
11"x17" (USA)	18 W / 1.44 A	18 W / 1.5 A	18 W / 1.44 A	26 W / 2.16 A	18 W / 1.44 A	3 W / 0.24 A	18 W / 1.44 A	18 W / 1.44 A	18 W / 1.44 A	-	10 W / 0.84 A	16.6 W / 1.22 A	10 W / 0.84 A	16.6 W / 1.22 A
22"x28" (USA)	27 W / 2.24 A	28 W / 2.33 A	27 W / 2.24 A	41 W / 3.33 A	27 W / 2.24 A	7 W / 0.6 A	27 W / 2.24 A	27 W / 2.24 A	27 W / 2.24 A	-	17.6 W / 1.5 A	24 W / 2 A	17.6 W / 1.5 A	24 W / 2 A
24"x36" (USA)	41 W / 3.33 A	-	41 W / 3.33 A	61 W / 5 A	41 W / 3.33 A	13 W / 1.1 A	41 W / 3.33 A	41 W / 3.33 A	41 W / 3.33 A	-	22.5 W / 1.9 A	31 W / 2.6 A	22.5 W / 1.9 A	31 W / 2.6 A

Power Supply Recommended (12 Vdc, Ampere)	25mm Indoor LEDbox		35mm Indoor LEDbox		35mm Outdoor/ Lockable LEDbox	Convex LEDbox	Maxi LEDbox	Magnetic LEDbox	AcryLED	Ideal LEDbox	Best Buy LEDbox		Magneco LEDbox	
	Poster Size	single	double	single	double	single	single	single	single	single	single	double	single	double
A4	1 A	2 A	1 A	2 A	2 A	1 A	2 A	2 A	1 A	1 A	1 A	1 A	1 A	1 A
A3	2 A	2 A	2 A	3 A	2 A	1 A	2 A	2 A	2 A	1 A	1 A	2 A	1 A	2 A
A2	3 A	3 A	3 A	4 A	3 A	1 A	3 A	3 A	3 A	2 A	2 A	2 A	2 A	2 A
A1	4 A	4 A	4 A	6 A	4 A	2 A	4 A	4 A	4 A	2 A	2 A	3 A	2 A	3 A
A0	5 A	-	5 A	9 A	5 A	3 A	5 A	5 A	5 A	3 A	3 A	4 A	3 A	4 A
B2	3 A	3 A	3 A	4 A	3 A	1 A	3 A	3 A	3 A	2 A	2 A	3 A	2 A	3 A
B1	4 A	-	4 A	6 A	4 A	2 A	4 A	4 A	4 A	3 A	3 A	4 A	3 A	4 A
B0	-	-	6 A	12 A	6 A	-	6 A	-	-	-	-	-	-	-
20"x30"	4 A	4 A	4 A	5 A	4 A	1 A	4 A	4 A	4 A	-	2 A	3 A	2 A	3 A
30"x40"	4 A	-	4 A	6 A	4 A	2 A	4 A	4 A	4 A	-	3 A	4 A	3 A	4 A
40"x60"	-	-	6 A	12 A	6 A	-	6 A	-	-	-	-	-	-	-
11"x17" (USA)	2 A	2 A	2 A	3 A	2 A	1 A	2 A	2 A	2 A	-	1 A	2 A	1 A	2 A
22"x28" (USA)	3 A	3 A	3 A	4 A	3 A	1 A	3 A	3 A	3 A	-	2 A	3 A	2 A	3 A
24"x36" (USA)	4 A	-	4 A	6 A	4 A	2 A	4 A	4 A	4 A	-	3 A	3 A	3 A	3 A

- ✓ Standard colour: Silver Anodised
- ✓ Available in RAL colours (subject to MOQ)
- ✓ Power supply is provided with the unit to suit each of the product
- ✓ Luminance: 2000-3000lux (depending on size)
- ✓ Standard Packaging: Single units in polybag and box
- ✓ Low power consumption (see above average power consumption table for each size)
- ✓ Various plugs available such as European, UK, US and Australian
- ✓ Complies with EN55015 & EN61547.

- ✓ Products are suitable to use 7/16.
- ✓ If 7/24 use required, please order individually as 7/24 power supplies as below:

POWER SUPPLY	
ARTICLE	DESCRIPTION
UYPLD00010	Power supply EU 3,34A 7/24
UYPLD00011	Power supply EU 6,67A 7/24
UYPLD00012	Power supply EU 8,5A 7/24
UYPLD00013	Power supply EU 11,5A 7/24



In case of any claim, user is required to return product or any parts to manufacture for analyses at their cost. As long as the manufacturer confirms the problem is a manufacturing fault, the replacement can be provided. This applies for all illuminated products.



OSRAM LED

OSRAM DURIS® E 2835	Features
Led dimentions	3,0 mm x 1,4 mm
Processing technology	White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV	120°
Color	2700 K - 6500 K (warm, neutral and cool white)
CRI	84-88
Luminous flux	Typ. 30 lm @ 6500 K
Luminous efficacy	Typ. 153 lm / W @ 6500 K
Lumen maintenance	Typ. 169 lm / A @ 6500 K
Life time	50.000 hours



RoHS

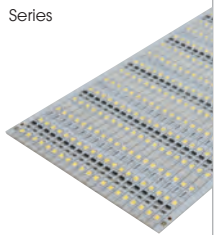
POWER MAXI LED	Features
Led dimentions	2,8 mm x 3,5 mm
Processing technology	White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV	120°
Color	2700 K - 6500 K (warm, neutral and cool white)
CRI	84-88
Luminous flux	Typ. 30 lm @ 6500 K
Luminous efficacy	Typ. 153 lm / W @ 6500 K
Lumen efficacy @65mA	Typ. 169 lm / A @ 6500 K
Life time	50.000 hours



RoHS

ELECTRONIC CIRCUIT TYPES AND USAGE SERIES

2030552C000	Features
LED	OSRAM DURIS® E 2835
PCB	FR4 1,6 mm
Voltage	12 V
Series	<ul style="list-style-type: none"> Smart LEDbox 25 mm, single sided Smart LEDbox 25 mm, double sided Weatherproof Smart LEDbox 35 mm Lockable Weatherproof Smart LEDbox 35 mm Magnetic LEDbox, single sided AcryLED Maxi Frame with LED Noticeboard with LED Light Curved Menuborad with AcryLED



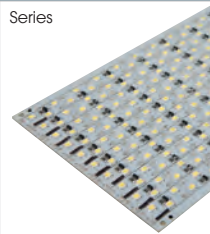
2031549C000	Features
LED	OSRAM DURIS® E 2835
PCB	FR4 1,6 mm
Voltage	24 V
Series	WindPro



1011403C000	Features
LED	OSRAM DURIS® E 2835
PCB	Flexible FR4 1 mm
Voltage	24 V
Series	WindPro Plus




2030553C000	Features
LED	OSRAM DURIS® E 2835
PCB	FR4 1,6 mm
Voltage	12 V
Series	<ul style="list-style-type: none"> Smart LEDbox 25 mm, single sided Smart LEDbox 25 mm, double sided




1011034C000 Features	
LED	OSRAM DURIS® E 2835
PCB	FR4 1 mm
Voltage	12 V
Series	Best Buy LEDbox 25 mm, single sided Magneco LEDbox 25 mm, double sided Star Maxi, single sided Flexible Menuboard with LEDbox

100979C000 Features	
LED	OSRAM DURIS® E 2835
PCB	Flexible
Voltage	12 V
Series	Buy Max LEDbox 25 mm, single sided




1010117C000 Features	
LED	OSRAM / Samsung
PCB	Aluminium
Voltage	12 V
Series	Convex LEDbox


1010002C000 Features	
LED	OSRAM / Samsung
PCB	Flexible 1 mm
Voltage	12 V
Series	Leda Totem



1010465C000 Features	
LED	OSRAM / Samsung
PCB	FR4 1,6 mm
Voltage	Aluminium 24 V
Series	Power Maxi, single sided





7/24 Power Supply

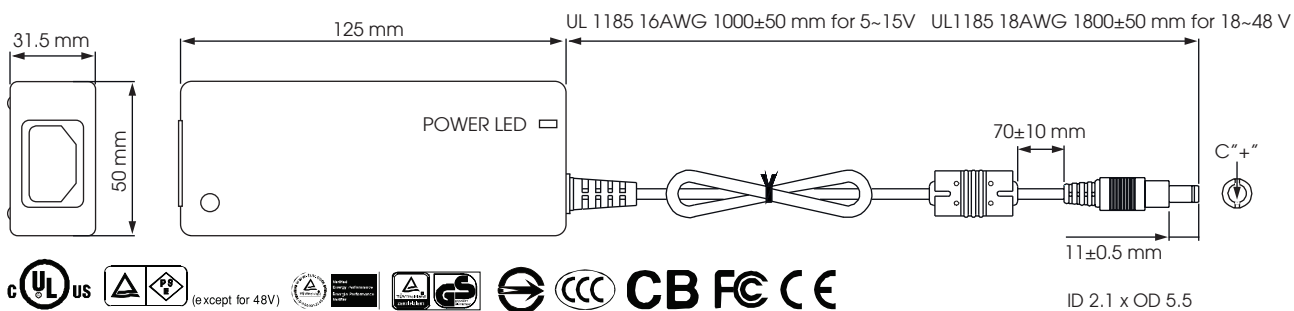
	Specefications	2,08A	3,34A
OUTPUT	MODEL NO	GST25B12-P1J	GST40A12-P1J
	Dc Voltage	12 V	12 V
	Rated current	2,08 A	3,34 A
	Current range	0 ~ 2,08 A	0 ~ 3,34 A
	Rated power (max.)	25 W	40 W
	Ripple & noise (max.)	80mVp-p	150mVp-p
	Voltage tolerance	±3,0%	±3,0%
	Efficiency	86,5%	89,5%
	Power consumption (No load)	<0,075 W	<0,075 W
	Output connection	Standard DC plug / P1J: 2,1ø x 5,5ø x 11 mm	
	Length of cable	100 cm of UL2468, 16 AWG	100 cm of UL1185, 16 AWG
INPUT	Voltage range	85 ~ 264VAC / Full range	90 ~ 264 VAC ; 127 ~ 370 VDC / Full range
	Frequency range	47 ~ 63 Hz	
	AC inrush current (max.)	Cold start, 70 A at 230 VAC	Cold start, 65 A at 230 VAC
PROTECTION	Protections	Short circuit / Over voltage / Overload / Over temp. (except for GST40A)	
	Over voltage protection	110% ~ 140% rated output voltage, clamp by zener diode	105%~135% rated output voltage
	Overload	110% ~ 150% rated output power	
ENVIRONMENT	Working temperature	-30 ~ +70°C (refer to output derating curve)	
	Working humidity	20% ~ 90% RH non-condensing	
	Dimensions	79 x 54 x 33 mm	125 x 50 x 31,5 mm
	LED indicator for power on / Fully enclosed plastic case		
SAFETY & EMC	Safety standards	UL60950-1, TUV EN60950-1, BSMI CNS14336, CCC GB4943, PSE J60950-1, AS/NZS60950.1 approved (SIRIM/KC/BIS pending)	
	EMC Standards	EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, CNS13438, GB9254, FCC part15 class B	
PHOTO			
CODE		UYPLD01000X5000	UYPLD00010X2000

As on with any electronic appliance, power supplies have a certain operation life. In order to comply with long term use of our LED illuminated products, we offer Mean Well brand 7/24 operating power supplies. They have universal AC inputs and which protect against short circuit, overload and over voltage. They meet EISA 2007 (Energy Independence and Security Act) requirements.

It is recommended to use environments -30 / +60°C.

Do not use power supply in environments that have no air ventilation Guaranteed for 2 years




5,00A	6,67A
GST60A12-P1J	GST90A12-P1M
12 V	12 V
5,00 A	6,67 A
0 ~5,00 A	0 ~6,67 A
60W	90 W
150mVp-p	120mVp-p
±3,0%	±5,0%
89,5%	89,0%
<0,075 W	<0,15 W
Standard DC plug / P1J: 2,1ø x 5,5ø x 11mm	Standard DC plug / P1J: 2,1ø x 5,5ø x 11mm
100 cm of UL1185, 16 AWG	100 cm of UL1185, 14 AWG
90 ~ 264 VAC ; 127 ~ 370 VDC / Full range	
47 ~ 63 Hz	
Cold start, 65 A at 230 VAC	Cold start, 70 A at 230 VAC
Short circuit / Over voltage / Overload / Over temp. (except for GST40A)	
105%~135% rated output voltage	
110% ~ 150% rated output power	105% ~ 160%
-30 ~ +70°C (refer to output derating curve)	
20% ~ 90% RH non-condensing	
125 x 50 x 31,5 mm	145 x 60 x 32 mm
LED indicator for power on / Fully enclosed plastic case	
UL60950-1, TUV EN60950-1, BSMI CNS14336, CCC GB4943, PSE J60950-1, AS/NZS60950.1 approved (SIRIM/KC/BIS pending)	
EN55022 class B, EN61000-3-2,3, EN61000-4-2,3,4,5,6,8,11, CNS13438, GB9254, FCC part15 class B	
	
UYPLD00014X2000	UYPLD00011X2000



ID 2.1 x OD 5.5
Outside ♂ Inside ♀
-V not connected to AC FG

UYPLD00013 POWER S.AC 100-240V-DC12V-11,5A (MW)	UYPLD00011 POWER S.AC 100-240V-DC12V-6,67A (MW)
UYPLD00010 POWER S.AC 100-240V-DC12V-3,34A (MW)	UYPLD00012 POWER S.AC 100-240V-DC12V-8,5A (MW)

7/16 Power Supply

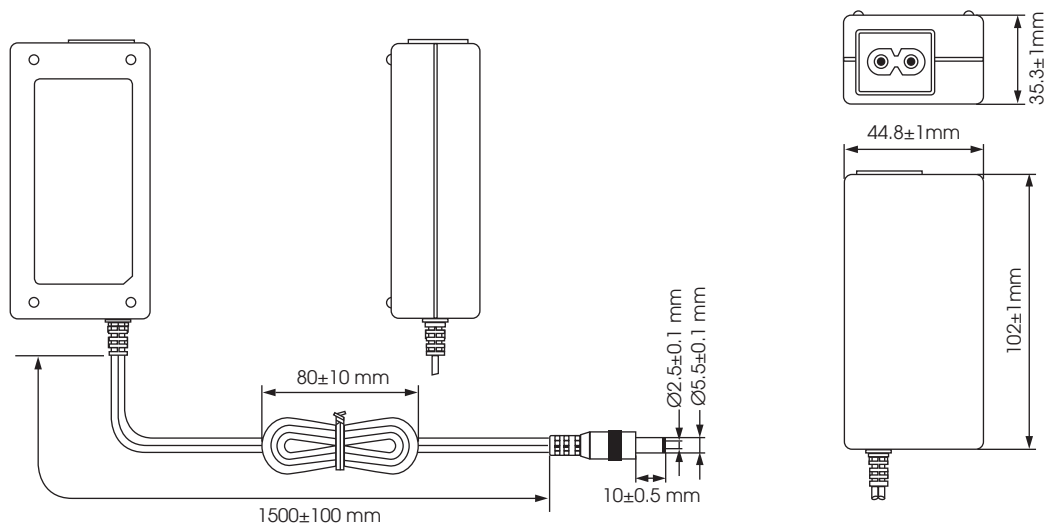
		1A	2A	3A
OUTPUT	Model No.	GME12A-120100FDS	GME24A-120200FDS2	GME36A-120300FDS
	DC Voltage	12 V	12 V	12 V
	Voltage Range	±5%	±5%	±5%
	Rated Current	1A	2A	3A
	Current Range	0,1A - 1,0 A	0,1A - 2,0 A	0,1A - 3,0 A
	Rated Power	12 W	24 W	36 W
	Ripple	120 mV	100 mV	240 V
	Hold-Up Time	10 mS	10 mS	10 mS
	Over Current Protection	Auto Recovery	Auto Recovery	Auto Recovery
	Short Circuit Protection	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground
	Over Voltage Protection	13.8 V Typ. - 16 V Max.	13.8 V Typ. - 16 V Max.	13.8 V Typ. - 16 V Max.
INPUT	AC Input Range	100 Vac - 240 Vac	100Vac - 240Vac	100 Vac - 240 Vac
	AC Input Frequency	47 Hz - 63 Hz	47 Hz - 63 Hz	47 Hz - 63 Hz
	AC Input Current	360m A	550 mA	1200 mA
	Average Efficiency	77.76%	82.00%	87.40%
ENVIRONMENT	Operating Temperature	Min. 0°C - Max. 40°C	Min. 0°C - Max. 40°C	Min. 0°C - Max. 40°C
	Storage Temperature	Min. -20°C - Max. 85°C	Min. -20°C - Max. 85°C	Min. -20°C - Max. 85°C
	Operating Humidity	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH
	Storage Humidity	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH
	Vibration	Freq: 10-55 Hz Sweep: 1 min X-Y-Z Acc: 1G force Amp: 1.5 mm	Freq: 10-55 Hz Sweep: 1 min X-Y-Z Acc: 1G force Amp: 1.5 mm	Freq: 10-55 Hz Sweep: 1 min X-Y-Z Acc: 1G force Amp: 1.5 mm
SAFETY & EMC	Safety Standards	CUL, UL-E251844 GS EN60950, CE, FCC	CUL, UL-E251844 GS EN60950, CE, FCC	CUL, UL-E251844 GS EN60950, CE, FCC
	MTBF	50000 Hours, 25°C	50000 Hours, 25°C	50000 Hours, 25°C
PHOTO	Adaptör			
CODE		UYUP445440X1000	UYUP445450X1000	UYUP445460X1000

As on with any electronic appliance, powersupplies has a certain operation life. In order to comply with long term use of our LED illuminated products, we offer GME brand 7/16 operating powersupply. It has universal AC input and well protected against short circuit, overload and over voltage. It meets EISA 2007 (Energy Independence and Security Act) requirements.




It is recommended to use enviroments 0 / 40°C.

Do not use power supply in enviroments that has no air ventilation Guaranteed for 2 years

4A	5A	6A	9A	12A
GME60C-120400FDR	GME60C-120500FDR	GME72C-120600FDR	FAS1200900-C95	FAS1201200-C95
12 V	12 V	12 V	12 V	12 V
±5%	±5%	±5%	±5%	±5%
4 A	5 A	6 A	9 A	12 A
0,1A - 4,0 A	0,1A - 5,0 A	0,1A - 6,0 A	0,1A - 9,0 A	0,1A - 12 A
48 W	60 W	72 W	108 W	144 W
120 mV	240 mV	240 mV	120 mV	120 mV
10 mS	10 mS	10 mS	50 mS	50 mS
Auto Recovery	Auto Recovery	Auto Recovery	Auto Recovery	Auto Recovery
The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground
13.8 V Typ. - 16 V Max.	13.8 V Typ. - 16 V Max.	13.8 V Typ. - 16 V Max.	13.8 V Typ. - 16 V Max.	13.8 V Typ. - 16 V Max.
100 Vac - 240 Vac	100 Vac - 240 Vac	100 Vac - 240 Vac	100 Vac - 240 Vac	100 Vac - 240 Vac
47 Hz - 63 Hz	47 Hz - 63 Hz	47 Hz - 63 Hz	47 Hz - 63 Hz	47 Hz - 63 Hz
1500 mA	1500 mA	1500 mA	1500 mA	950 mA
86.20%	88.00%	88.00%	86.00%	88.00%
Min. 0°C - Max. 40°C	Min. 0°C - Max. 40°C	Min. 0°C - Max. 40°C	Min. 0°C - Max. 40°C	Min. 0°C - Max. 40°C
Min. -20°C - Max. 85°C	Min. -20°C - Max. 85°C	Min. -20°C - Max. 85°C	Min. -20°C - Max. 85°C	Min. -20°C - Max. 85°C
Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH
Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH	Min. 5%RH - Max. %90RH
Freq: 10-55 Hz Sweep: 1 min X-Y-Z Acc: 1G force Amp: 1.5 mm	Freq: 10-55 Hz Sweep: 1 min X-Y-Z Acc: 1G force Amp: 1.5 mm	Freq: 10-55 Hz Sweep: 1 min X-Y-Z Acc: 1G force Amp: 1.5 mm	Freq: 10-55 Hz Sweep: 1 min X-Y-Z Acc: 1G force Amp: 1.5 mm	Freq: 10-55 Hz Sweep: 1 min X-Y-Z Acc: 1G force Amp: 1.5 mm
CUL, UL-E251844 GS EN60950, CE, FCC	CUL, UL-E251844 GS EN60950, CE, FCC	CUL, UL-E251844 GS EN60950, CE, FCC	UL60950, EN60950, EN61000, ANSI C63.4	UL60950, EN60950, EN61000, ANSI C63.4
50000 Hours, 25°C	50000 Hours, 25°C	50000 Hours, 25°C	50000 Hours, 25°C	50000 Hours, 25°C
				
UYUP445490X1000	UYPLT00005X5007	UYUP445520X1000		



7/16 Power Supply for Weatherproof

		2A	3A	4A
OUTPUT	Model No.	FAS024V-12	FAS036V-12	FAS060V-12
	DC Voltage	12V	12V	12V
	Voltage Range	±5%	±5%	±5%
	Rated Current	2A	3A	5A
	Current Range	0.1A - 2.0A	0.1A - 3.0A	0.1A - 5.0A
	Rated Power	24W	36W	60W
	Ripple	120mV	120mV	120mV
	Rise Time	50 mS	50 mS	50 mS
	Over Current Protection	Auto Recovery	Auto Recovery	Auto Recovery
	Short Circuit Protection	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground
Over Voltage Protection	13.8V Typ. - 16V Max.	13.8V Typ. - 16V Max.	13.8V Typ. - 16V Max.	
INPUT	AC Input Range	100Vac - 240Vac	100Vac - 240Vac	100Vac - 240Vac
	AC Input Frequency	47Hz - 63Hz	47Hz - 63Hz	47Hz - 63Hz
	AC Input Current	350mA	550mA	840mA
	AC Inrush Current	40A	40A	50A
	Average Efficiency	80%	82%	86%
	Operating Temperature	Min. -10°C - Max. 40°C	Min. -10°C - Max. 40°C	Min. -10°C - Max. 40°C
ENVIRONMENT	Storage Temperature	Min. -20°C - Max. 65°C	Min. -20°C - Max. 65°C	Min. -20°C - Max. 65°C
	Operating Humidity	Min. 20%RH - Max. %90RH	Min. 20%RH - Max. %90RH	Min. 20%RH - Max. %90RH
	Storage Humidity	Min. 0%RH - Max. %93RH	Min. 0%RH - Max. %93RH	Min. 0%RH - Max. %93RH
	Vibration	10-55Hz / X, Y, Z, Axis Each / 10 Cycle Minute	10-55Hz / X, Y, Z, Axis Each / 10 Cycle Minute	10-55Hz / X, Y, Z, Axis Each / 10 Cycle Minute
SAFETY & EMC	Safety Standards	UL60950, EN60950, EN61000, ANSI C63.4	UL60950, EN60950, EN61000, ANSI C63.4	UL60950, EN60950, EN61000, ANSI C63.4
	MTBF	50000 Hours, 25°C	50000 Hours, 25°C	50000 Hours, 25°C
PHOTO				
CODE			UYPLD0103AX2000	UYPLD0103AX2000

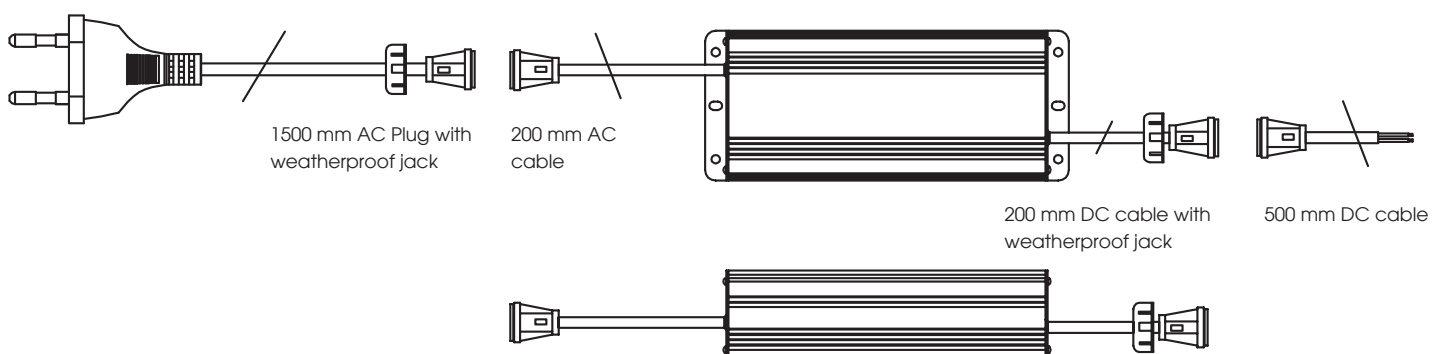
As with any electronic appliance, power supplies have a certain operation life. In order to comply with long term use of our LED illuminated products, we offer fining brand 7/16 operating power supply. It has universal AC input which protect against short circuit, overload and over voltage. They meet EISA 2007 (Energy Independence and Security Act) requirements.

recommended for use enviroments -10 / 40°C.

Do not use power supply in enviroments that has no air ventilation Guaranteed for 2 years.



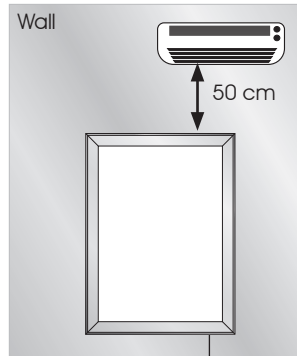
5A	6A	9A	12A
FAS072V-12	FAS108V-12	FAS144V-12	FAS048V-12
12 V	12 V	12 V	12 V
±5%	±5%	±5%	±5%
6 A	9 A	12 A	4 A
0.1 A - 6.0 A	0.1 A - 9.0 A	0.1 A - 12 A	0.1 A - 4.0 A
72 W	108 W	144 W	48 W
120 mV	120 mV	120 mV	120 mV
50 mS	50 mS	50 mS	50 mS
Auto Recovery	Auto Recovery	Auto Recovery	Auto Recovery
The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground	The adapter shall not damage by short the DC output to ground
13.8 V Typ. - 16 V Max.	13.8 V Typ. - 16V Max.	13.8 V Typ. - 16 V Max.	13.8 V Typ. - 16 V Max.
100 Vac - 240 Vac	100 Vac - 240 Vac	100 Vac - 240 Vac	100V ac - 240 Vac
47 Hz - 63 Hz	47 Hz - 63 Hz	47 Hz - 63 Hz	47 Hz - 63 Hz
840 mA	1500 mA	950 mA	840 mA
50 A	60 A	60 A	50 A
86%	86%	88%	86%
Min. -10°C - Max. 40°C	Min. -10°C - Max. 40°C	Min. -10°C - Max. 40°C	Min. -10°C - Max. 40°C
Min. -20°C - Max. 65°C	Min. -20°C - Max. 65°C	Min. -20°C - Max. 65°C	Min. -20°C - Max. 65°C
Min. 20%RH - Max. %90RH	Min. 20%RH - Max. %90RH	Min. 20%RH - Max. %90RH	Min. 20%RH - Max. %90RH
Min. 0%RH - Max. %93RH	Min. 0%RH - Max. %93RH	Min. 0%RH - Max. %93RH	Min. 0%RH - Max. %93RH
10-55 Hz / X, Y, Z, Axis Each / 10 Cycle Minute	10-55 Hz / X, Y, Z, Axis Each / 10 Cycle Minute	10-55 Hz / X, Y, Z, Axis Each / 10 Cycle Minute	10-55 Hz / X, Y, Z, Axis Each / 10 Cycle Minute
UL60950, EN60950, EN61000, ANSI C63.4	UL60950, EN60950, EN61000, ANSI C63.4	UL60950, EN60950, EN61000, ANSI C63.4	UL60950, EN60950, EN61000, ANSI C63.4
50000 Hours, 25°C	50000 Hours, 25°C	50000 Hours, 25°C	50000 Hours, 25°C
			
UYPLD0103AX2000	UYPLD0103AX2000		



Smart LEDbox 25 mm Single Sided



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours). It should be assembled 30 cm from the window.



DIMMER

Optional dimmer to go with LED illuminated frame. Simply jack the dimmer in frame and then into power supply. It adjusts the light from dark to max lux of LED illuminated frame. Dimming: %10-%100, on/off



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.

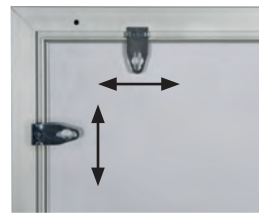


TECHNICAL SPECIFICATION

Max: 850 X 1200 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION (LUX)	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULD25TN0A4	210 X 297 mm	4 mm	2800 - 3200	11 W / 0.92 A	1 A
ULD25TN0A3	297 X 420 mm	4 mm	3400 - 3600	18 W / 1.44 A	2 A
ULD25TN0A2	420 X 594 mm	4 mm	3100 - 3400	23 W / 1.92 A	3 A
ULD25TN0A1	594 X 841 mm	6 mm	2900 - 3200	35 W / 2.83 A	4 A
ULD25TN0A0	841 X 1189 mm	6 mm	2500 - 2800	48 W / 4 A	5 A
ULD25TN0B2	500 X 700 mm	6 mm	2500 - 3000	27 W / 2.24 A	3 A
ULD25TN0B1	700 X 1000 mm	6 mm	2000 - 2400	41 W / 3.33 A	4 A
ULD25TN023	508 X 762 mm	6 mm	2900 - 3200	31 W / 2.56 A	4 A
ULD25TN034	762 X 1016 mm	6 mm	2500 - 2800	41 W / 3.36 A	4 A
ULD25TN017	279.4 X 431.8 mm	4 mm	1700 - 1200	18 W / 1.44 A	2 A
ULD25TN022	558.8 X 711.2 mm	6 mm	3300 - 3600	27 W / 2.24 A	3 A
ULD25TN024	609.6 X 914.4 mm	6 mm	3000 - 3300	41 W / 3.33 A	4 A

HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

FEATURES

- Improved LED technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided.
- The lightweight SMART LED BOX with slim profile design and low voltage requirements allow mounting at any given point with access to a regular electrical outlet. The unique frame extrusion offers a wide range of mounting or hanging options.

LED FEATURES (Duris E 2835)

Led dimensions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



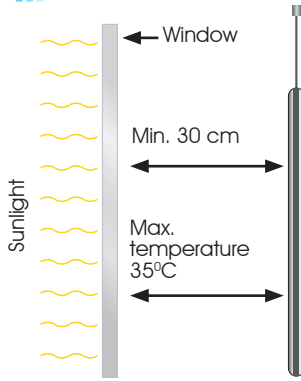
ASSEMBLY SHEET



Smart LEDbox 25 mm Double Sided



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.

On/off switch



DIMMER

Optional dimmer to go with LED illuminated frame. Simply jack the dimmer in frame and then into power supply. It adjusts the light from dark to max lux of LED illuminated frame. Dimming: %10-%100, on/off



POWER SUPPLY

- 12 V DC
- Complete with Power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



TECHNICAL SPECIFICATION

Max: 600 X 900 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION (LUX)	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULD25CN0A4	210 X 297 mm	3+3 mm	1500 - 1800	12 W / 1 A	2 A
ULD25CN0A3	297 X 420 mm	3+3 mm	2000 - 2300	18 W / 1.5 A	2 A
ULD25CN0A2	420 X 594 mm	3+3 mm	1800 - 2000	24 W / 2 A	3 A
ULD25CN0A1	594 X 841 mm	4+4 mm	1600 - 1800	36 W / 3 A	4 A
ULD25CN0B2	500 X 700 mm	6 mm	1700 - 1900	28 W / 2.33 A	3 A
ULD25CN023	508 X 762 mm	6 mm	1700 - 1900	32 W / 2.66 A	4 A
ULD25CN017	279.4 X 431.8 mm	4 mm	1500 - 1800	18 W / 1.5 A	2 A
ULD25CN022	558.8 X 711.2 mm	6 mm	2000 - 2300	28 W / 2.33 A	3 A

Snap open frame

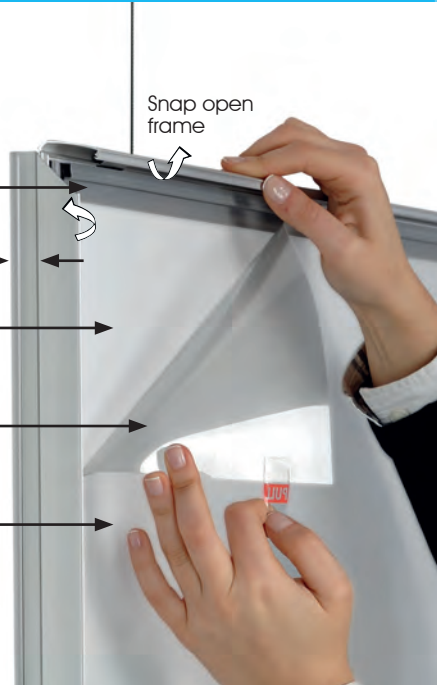
Light block on the corner

27,5 mm depth

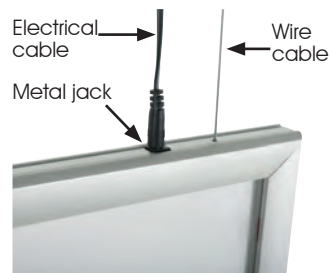
Pre-treated special acrylic

Anti reflex PET cover

Hidden LED application



HANGER



Standard hanging kit for all sizes: 2 meters x 2 pcs wire cable and 2 ceiling hangers.



FEATURES

- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided.
- The lightweight SMART LED BOX with slim profile design and low voltage requirements allow mounting at any given point with access to a regular electrical outlet. The unique frame extrusion offers a wide range of mounting or hanging options.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm

Processing technology: White SMT package, colored diffused silicone resin

Viewing angle at 50 % IV: 120°

Color: 2700 K - 6500 K (warm, neutral and cool white)

CRI: 84 - 88

Luminous flux: Typ. 30 lm @ 6500K

Luminous efficacy: Typ. 153 lm / W @ 6500 K

Lumen maintenance: Typ. 169 lm / A @ 6500 K

Life time: 50.000 hours

OSRAM



ASSEMBLY SHEET



Smart LEDbox 35 mm Single Sided



DIMMER

Optional dimmer to go with LED illuminated frame. Simply jack the dimmer in frame and then into power supply. It adjusts the light from dark to max lux of LED illuminated frame. Dimming: %10-%100, on/off



POWER SUPPLY

- 12 V DC
- Complete with Power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.

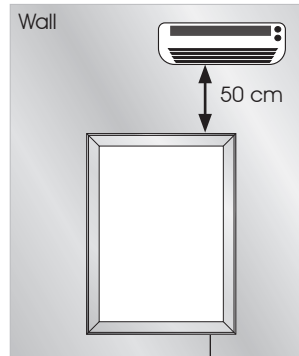


TECHNICAL SPECIFICATION

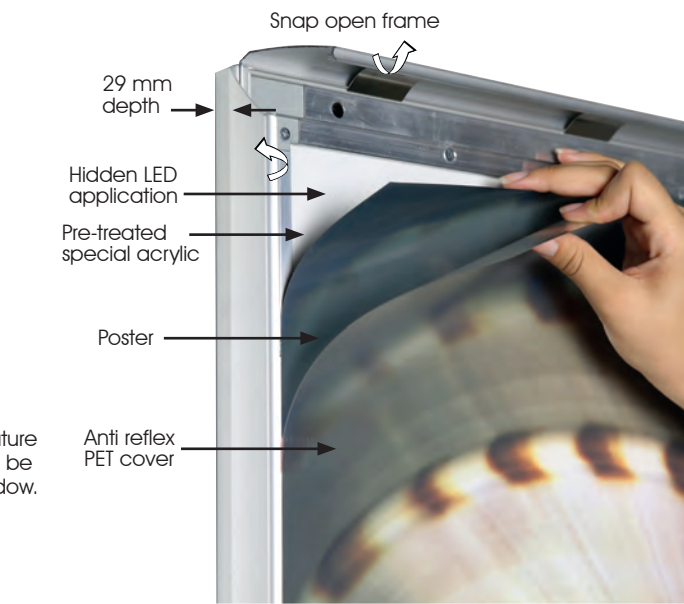
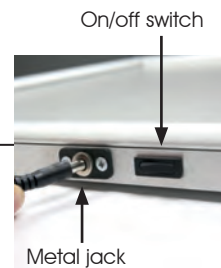
Max: 1200 X 2415 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION (LUX)	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULD35TN0A4	210 X 297 mm	6 mm	4200 - 4500	12 W / 1 A	1 A
ULD35TN0A3	297 X 420 mm	6 mm	3900 - 4200	18 W / 1.44 A	2 A
ULD35TN0A2	420 X 594 mm	6 mm	3500 - 3900	23 W / 1.91 A	3 A
ULD35TN0A1	594 X 841 mm	6 mm	3000 - 3300	35 W / 2.83 A	4 A
ULD35TN0A0	841 X 1189 mm	6 mm	2500 - 2800	48 W / 4 A	5 A
ULD35TN0B2	500 X 700 mm	6 mm	3000 - 3300	27 W / 2.24 A	3 A
ULD35TN0B1	700 X 1000 mm	6 mm	2600 - 2900	41 W / 3.33 A	4 A
ULD35TN0B0	1000 X 1400 mm	6 mm	2000 - 2300	58 W / 4.8 A	6 A
ULD35TN023	508 X 762 mm	6 mm	3000 - 3300	31 W / 2.56 A	4 A
ULD35TN034	762 X 1016 mm	6 mm	2600 - 2900	41 W / 3.36 A	4 A
ULD35TN046	1016 X 1524 mm	6 mm	2000 - 2300	60 W / 5 A	6 A
ULD35TN017	279.4 X 431.8 mm	6 mm	3900 - 4200	18 W / 1.44 A	2 A
ULD35TN022	558.8 X 711.2 mm	6 mm	3000 - 3300	27 W / 2.24 A	3 A
ULD35TN024	609.6 X 914.4 mm	6 mm	2000 - 2300	41 W / 3.33 A	4 A

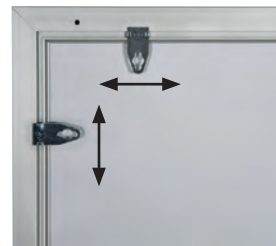
CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.



HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

FEATURES

- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided.
- The lightweight SMART LED BOX with slim profile design and low voltage requirements allow mounting at any given point with access to a regular electrical outlet. The unique frame extrusion offers a wide range of mounting or hanging options.

LED FEATURES (Duris E 2835)

Led dimensions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



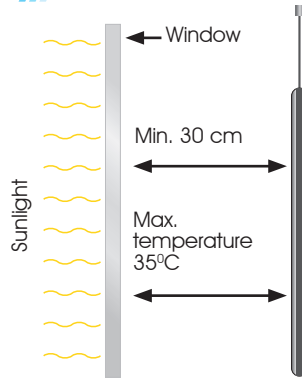
ASSEMBLY SHEET



Smart LEDbox 35 mm Double Sided



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.

On/off switch



DIMMER

Optional dimmer to go with LED illuminated frame. Simply jack the dimmer in frame and then into power supply. It adjusts the light from dark to max lux of LED illuminated frame. Dimming: %10-%100, on/off



POWER SUPPLY

- 12 V DC
- Complete with Power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



TECHNICAL SPECIFICATION

Max: 1000 X 1900 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION (LUX)	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULD35CN0A4	594 X 841 mm	6+6 mm	2500 - 2800	19 W / 1,41 A	2 A
ULD35CN0A3	841 X 1189 mm	6+6 mm	2200 - 2500	26 W / 2,16 A	3 A
ULD35CN0A2	700 X 1000 mm	6+6 mm	2300 - 2700	36 W / 3 A	4 A
ULD35CN0A1	1000 X 1400 mm	6+6 mm	2100 - 2400	52 W / 4,33 A	6 A
ULD35CN0A0	762 X 1016 mm	6+6 mm	1800 - 2100	72 W / 6 A	9 A
ULD35CN0B2	1016 X 1524 mm	6+6 mm	2100 - 2400	41 W / 3,33 A	4 A
ULD35CN0B1	700 X 1000 mm	6+6 mm	2000 - 2300	61 W / 5 A	6 A
ULD35CN0B0	1000 X 1400 mm	6+6 mm	1500 - 1800	87 W / 7,16 A	12 A
ULD35CN023	508 X 762 mm	6+6 mm	2100 - 2400	46 W / 3,83 A	5 A
ULD35CN034	762 X 1016 mm	6+6 mm	2000 - 2300	62 W / 5 A	6 A
ULD35CN046	1016 X 1524 mm	6+6 mm	1500 - 1800	94 W / 7,5 A	12 A
ULD35CN017	279.4 X 431.8 mm	6+6 mm	2200 - 2500	26 W / 2,16 A	3 A
ULD35CN022	558.8 X 711.2 mm	6+6 mm	2300 - 2700	41 W / 3,33 A	4 A
ULD35CN024	609.6 X 914.4 mm	6+6 mm	2100 - 2400	61 W / 5 A	6 A

Snap open frame

39 mm depth

Pre-treated special acrylic

Anti reflex PET cover

Hidden LED application



HANGER

Electrical cable
Metal jack
Wire cable
Hanger

Standard hanging kit for all sizes: 2 meters x 2 pcs wire cable and 2 ceiling hangers.



FEATURES

- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided.
- The lightweight SMART LED BOX with slim profile design and low voltage requirements allow mounting at any given point with access to a regular electrical outlet. The unique frame extrusion offers a wide range of mounting or hanging options.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm

Processing technology: White SMT package, colored diffused silicone resin

Viewing angle at 50 % IV: 120°

Color: 2700 K - 6500 K (warm, neutral and cool white)

CRI: 84 - 88

Luminous flux: Typ. 30 lm @ 6500K

Luminous efficacy: Typ. 153 lm / W @ 6500 K

Lumen maintenance: Typ. 169 lm / A @ 6500 K

Life time: 50.000 hours



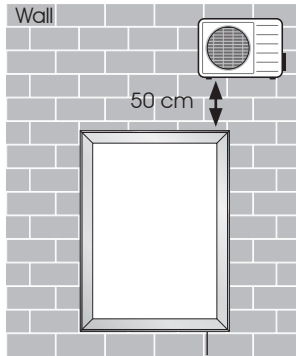
ASSEMBLY SHEET



Weatherproof Smart LEDbox 35 mm



CAUTION



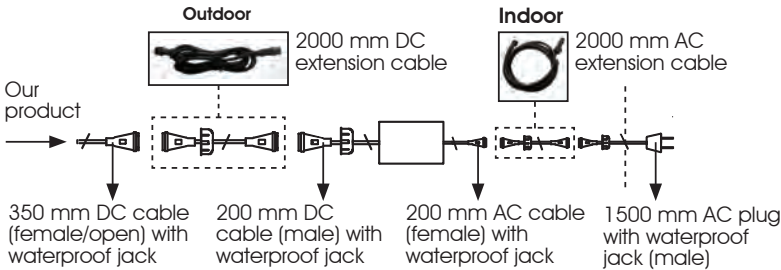
Environment temperature: min. -15°C / max. 45°C.



Mobile cable outlet, from the edge and from the back of the aluminum box.



POWER SUPPLY



CABLE

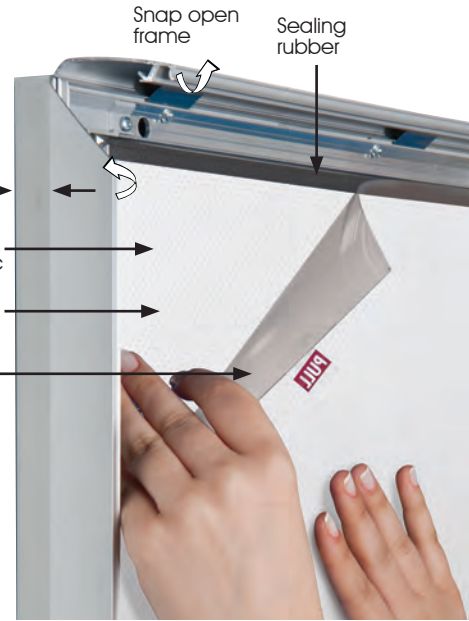
Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order.



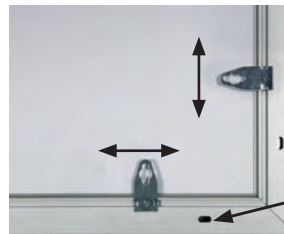
TECHNICAL SPECIFICATION

Max: 1000 X 1900 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULS35TN0A4	210 X 297 mm	6 mm	2600 - 2900 LUX	12 W / 1 A	2 A
ULS35TN0A3	297 X 420 mm	6 mm	2700 - 3000 LUX	18 W / 1.44 A	2 A
ULS35TN0A2	420 X 594 mm	6 mm	1800 - 2100 LUX	23 W / 1.91 A	3 A
ULS35TN0A1	594 X 841 mm	6 mm	1600 - 1900 LUX	35 W / 2.83 A	4 A
ULS35TN0A0	841 X 1189 mm	6 mm	1200 - 1500 LUX	48 W / 4 A	5 A
ULS35TN0B2	500 X 700 mm	6 mm	1600 - 1900 LUX	27 W / 2.24 A	3 A
ULS35TN0B1	700 X 1000 mm	6 mm	1400 - 1700 LUX	41 W / 3.33 A	4 A
ULS35TN0B0	1000 X 1400 mm	6 mm	1000 - 1200 LUX	58 W / 4.8 A	6 A
ULS35TN023	508 X 762 mm	6 mm	1600 - 1900 LUX	31 W / 2.56 A	4 A
ULS35TN034	762 X 1016 mm	6 mm	1400 - 1700 LUX	41 W / 3.36 A	4 A
ULS35TN046	1016 X 1524 mm	6 mm	1000 - 1200 LUX	60 W / 5 A	6 A



HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

Water drainage

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



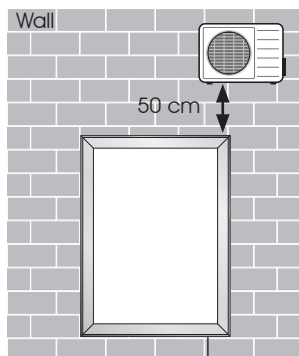
ASSEMBLY SHEET



Lockable Weatherproof Smart LEDbox 35 mm



CAUTION



Environment temperature: min. -15°C / max. 45°C.



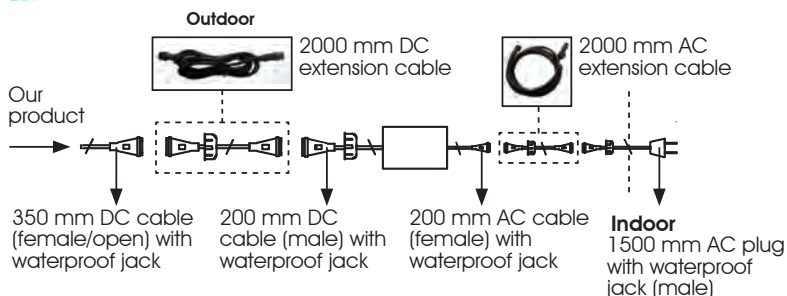
Mobile cable outlet, from the edge and from the back of the aluminum box.



Locking frame with allen key



POWER SUPPLY



CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order.

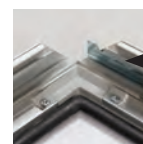


TECHNICAL SPECIFICATION

Max: 1000 X 1900 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULH35TN0A4	210 X 297 mm	6 mm	2600 - 2900 LUX	12 W / 1 A	2 A
ULH35TN0A3	297 X 420 mm	6 mm	2700 - 3000 LUX	18 W / 1.44 A	2 A
ULH35TN0A2	420 X 594 mm	6 mm	1800 - 2100 LUX	23 W / 1.91 A	3 A
ULH35TN0A1	594 X 841 mm	6 mm	1600 - 1900 LUX	35 W / 2.83 A	4 A
ULH35TN0A0	841 X 1189 mm	6 mm	1200 - 1500 LUX	48 W / 4 A	5 A
ULH35TN0B2	500 X 700 mm	6 mm	1600 - 1900 LUX	27 W / 2.24 A	3 A
ULH35TN0B1	700 X 1000 mm	6 mm	1400 - 1700 LUX	41 W / 3.33 A	4 A
ULH35TN0B0	1000 X 1400 mm	6 mm	1000 - 1200 LUX	58 W / 4.8 A	6 A
ULH35TN023	508 X 762 mm	6 mm	1600 - 1900 LUX	31 W / 2.56 A	4 A
ULH35TN034	762 X 1016 mm	6 mm	1400 - 1700 LUX	41 W / 3.36 A	4 A
ULH35TN046	1016 X 1524 mm	6 mm	1000 - 1200 LUX	60 W / 5 A	6 A

Lock corner component



Snap open frame

Sealing rubber

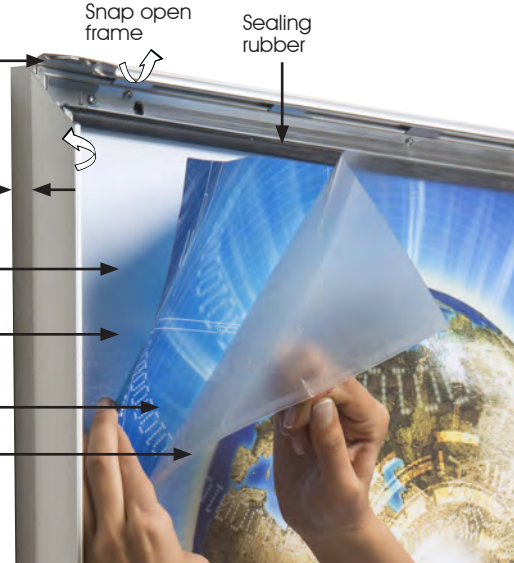
30 mm depth

Hidden LED application

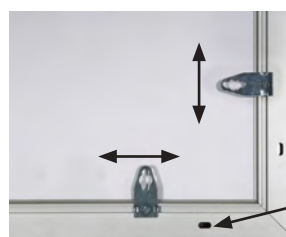
Pre-treated special acrylic

Poster

Anti reflex PET cover



HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

Water drainage

FEATURES

- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided.
- The lightweight SMART LED BOX with slim profile design and low voltage requirements allow mounting at any given point with access to a regular electrical outlet. The unique frame extrusion offers a wide range of mounting or hanging options.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm

Processing technology: White SMT package, colored diffused silicone resin

Viewing angle at 50 % IV: 120°

Color: 2700 K - 6500 K (warm, neutral and cool white)

CRI: 84 - 88

Luminous flux: Typ. 30 lm @ 6500K

Luminous efficacy: Typ. 153 lm / W @ 6500 K

Lumen maintenance: Typ. 169 lm / A @ 6500 K

Life time: 50.000 hours



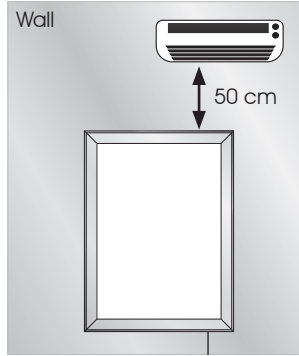
ASSEMBLY SHEET



Best Buy LEDbox 25 mm Single Sided



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.

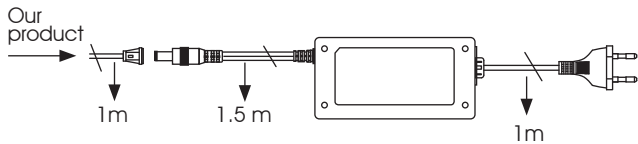


1 m cable



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.



CABLE

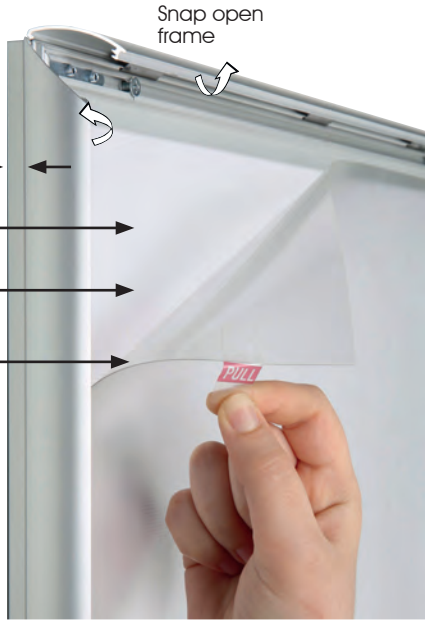
Delivered with 3,5 meter long cable and EU plug.
UK, US or CH plugs should be specified with order.
Extension cable: 1 m, 2 m, 3 m.



TECHNICAL SPECIFICATION

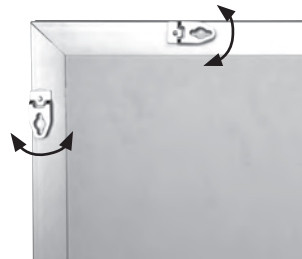
Max: 850 X 2000 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULB25TN0A4	210 X 297 mm	3 mm	3000 - 3300 LUX	7 W / 0.58 A	1 A
ULB25TN0A3	297 X 420 mm	3 mm	2800 - 3000 LUX	11 W / 0.91 A	1 A
ULB25TN0A2	420 X 594 mm	3 mm	2400 - 2700 LUX	14 W / 1.16 A	2 A
ULB25TN0A1	594 X 841 mm	4 mm	1900 - 2100 LUX	21 W / 1.75 A	2 A
ULB25TN0A0	841 X 1189 mm	4 mm	1500 - 1800 LUX	29 W / 2.4 A	3 A
ULB25TN0B2	500 X 700 mm	3 mm	2100 - 2400 LUX	17 W / 1.41 A	2 A
ULB25TN0B1	700 X 1000 mm	4 mm	1700 - 2000 LUX	25 W / 2.08 A	3 A
ULB25TN017	280 X 432 mm	3 mm	2800 - 3000 LUX	10 W / 0.84 A	1 A
ULB25TN022	559 X 712 mm	3 mm	2000 - 2200 LUX	17.6 W / 1.5 A	2 A
ULB25TN023	508 X 762 mm	3 mm	2200 - 2500 LUX	17 W / 1.41 A	2 A
ULB25TN024	610 X 915 mm	4 mm	1900 - 2100 LUX	22.5 W / 1.9 A	3 A
ULB25TN034	762 X 1016 mm	4 mm	1700 - 2000 LUX	25 W / 2.08 A	3 A



18 mm depth
Pre-treated special acrylic
Hidden LED application
Anti reflex PET cover

HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

LED FEATURES (Duris E 2835)

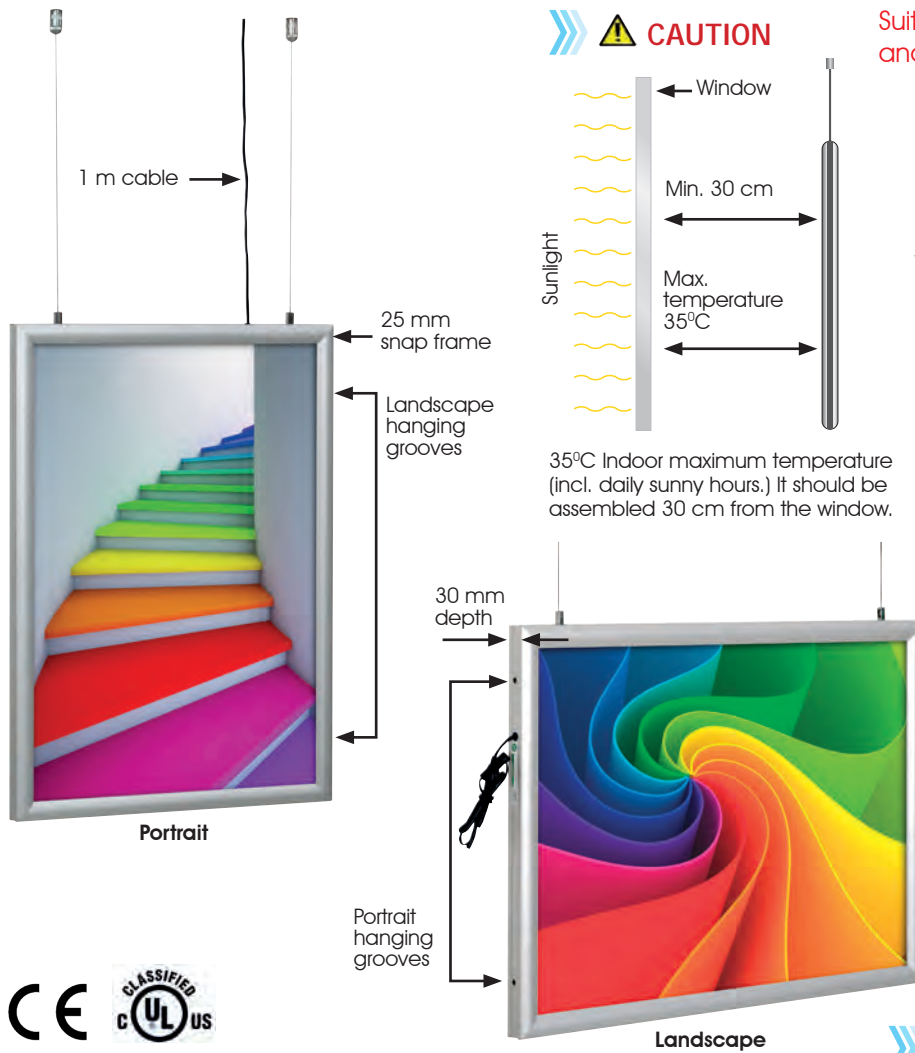
Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 1.69 lm / A @ 6500 K
Life time: 50.000 hours



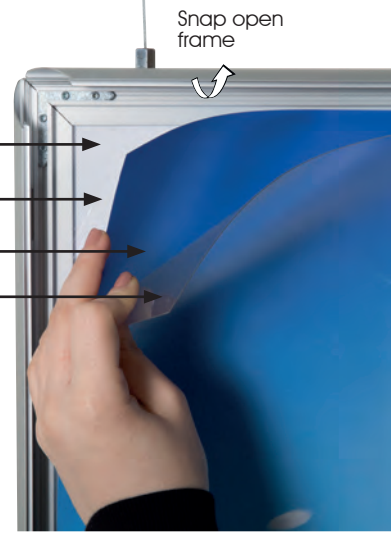
ASSEMBLY SHEET



Best Buy LEDbox 25 mm Double Sided



Suitable for use in landscape and portrait positions.



CABLE

Delivered with 3,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 ° IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours

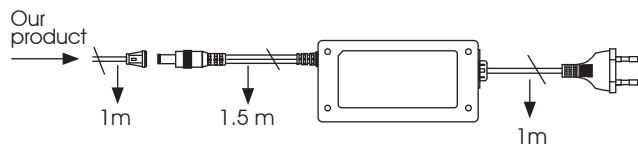


ASSEMBLY SHEET



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.



TECHNICAL SPECIFICATION

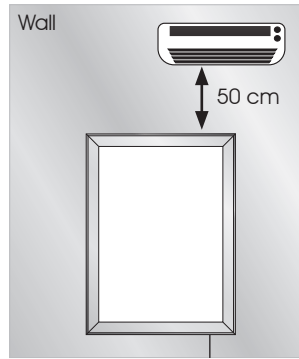
Max: 850 X 2000 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULB25CN0A4	210 X 297 mm	3 mm	2800 - 3000 LUX	9.5 W / 0.79 A	1 A
ULB25CN0A3	297 X 420 mm	3 mm	2400 - 2600 LUX	14 W / 1.16 A	2 A
ULB25CN0A2	420 X 594 mm	3 mm	2100 - 2300 LUX	20 W / 1.66 A	2 A
ULB25CN0A1	594 X 841 mm	4 mm	1800 - 2000 LUX	28.5 W / 2.38 A	3 A
ULB25CN0A0	841 X 1189 mm	4 mm	1200 - 1400 LUX	40.5 W / 3.39 A	4 A
ULB25CN0B2	500 X 700 mm	3 mm	2000 - 2200 LUX	24 W / 2 A	3 A
ULB25CN0B1	700 X 1000 mm	4 mm	1600 - 1800 LUX	35 W / 2.9 A	4 A
ULB25CN017	280 X 432 mm	3 mm	2400 - 2600 LUX	16.6 W / 1.22 A	2 A
ULB25CN023	559 X 712 mm	3 mm	1900 - 2100 LUX	24 W / 2 A	3 A
ULB25CN022	508 X 762 mm	3 mm	2000 - 2200 LUX	26 W / 2.16 A	3 A
ULB25CN024	610 X 915 mm	4 mm	1800 - 2000 LUX	31 W / 2.6 A	3 A
ULB25CN034	762 X 1016 mm	4 mm	1600 - 1800 LUX	36 W / 3.02 A	4 A

Buymax LEDbox



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.

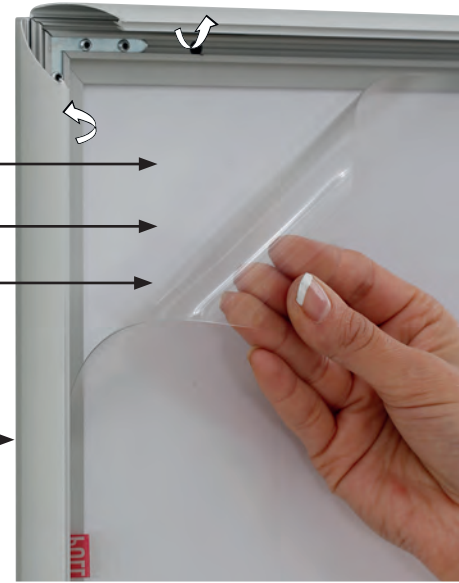


1 m cable

Snap open frame

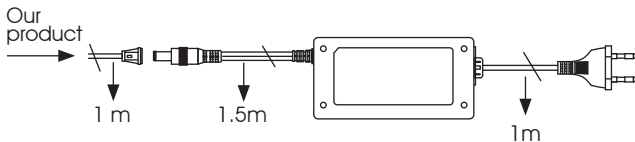
Pre-treated special acrylic
Hidden LED application
Anti reflex PET cover

18 mm depth



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.



CABLE

Delivered with 3,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



TECHNICAL SPECIFICATION

Max: 762 X 1016 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULM25TN0A4	210 X 297 mm	2 mm	1300 - 1500 LUX	6.5 W / 0.55 A	1 A
ULM25TN0A3	297 X 420 mm	2 mm	1200 - 1400 LUX	10 W / 0.85 A	1 A
ULM25TN0A2	420 X 594 mm	2 mm	900 - 1100 LUX	15 W / 1.25 A	2 A
ULM25TN0A1	594 X 841 mm	3 mm	1300 - 1500 LUX	20.5 W / 1.7 A	2 A
ULM25TN0B2	500 X 700 mm	2 mm	1100 - 1300 LUX	17 W / 1.4 A	2 A
ULM25TN0B1	700 X 1000 mm	3 mm	1400 - 1600 LUX	25 W / 2.1 A	3 A
ULM25TN023	508 X 762 mm	2 mm	1200 - 1300 LUX	18 W / 1.5 A	2 A
ULM25TN034	762 X 1016 mm	3 mm	1100 - 1300 LUX	23 W / 1.9 A	3 A

HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 1.69 lm / A @ 6500 K
Life time: 50.000 hours



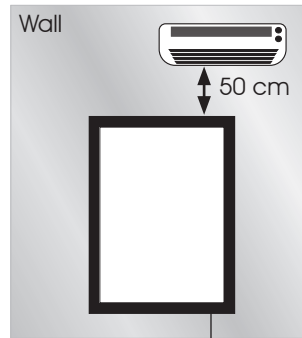
ASSEMBLY SHEET



Magnetic Smart LEDbox



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.



On/off switch



DIMMER

Optional dimmer to go with LED illuminated frame. Simply jack the dimmer in frame and then into power supply. It adjusts the light from dark to max lux of LED illuminated frame. Dimming: %10-%100, on/off



POWER SUPPLY

- 12 V DC
- Complete with Power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.

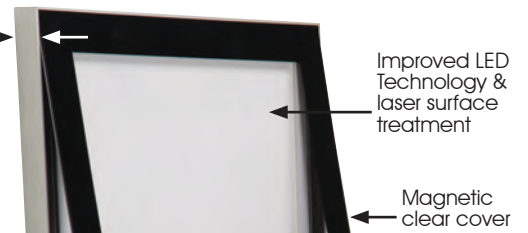


TECHNICAL SPECIFICATION

Max: 850 X 1200 mm

ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULDMON00A4	210 X 297 mm	6 mm	5500 - 6000 LUX	12 W / 1 A	2 A
ULDMON00A3	297 X 420 mm	6 mm	5000 - 5400 LUX	18 W / 1.44 A	2 A
ULDMON00A2	420 X 594 mm	6 mm	4600 - 4900 LUX	23 W / 1.91 A	3 A
ULDMON00A1	594 X 841 mm	6 mm	3500 - 3800 LUX	35 W / 2.83 A	4 A
ULDMON00A0	841 X 1189 mm	6 mm	2800 - 3200 LUX	48 W / 4 A	5 A
ULDMON00B2	500 X 700 mm	6 mm	4000 - 4300 LUX	27 W / 2.24 A	3 A
ULDMON00B1	700 X 1000 mm	6 mm	3000 - 3300 LUX	41 W / 3.33 A	4 A
ULDMON0017	279.4 X 431.8 mm	6 mm	5500 - 6000 LUX	18 W / 1.44 A	2 A
ULDMON0022	558.8 X 711.2 mm	6 mm	5000 - 5400 LUX	27 W / 2.24 A	3 A
ULDMON0023	508 X 762 mm	6 mm	3500 - 3800 LUX	31 W / 2.56 A	4 A
ULDMON0024	609.6 X 914.4 mm	6 mm	4600 - 4900 LUX	41 W / 3.33 A	4 A
ULDMON0034	762 X 1016 mm	6 mm	2800 - 3200 LUX	41 W / 3.36 A	4 A

24 mm depth



Improved LED Technology & laser surface treatment

Magnetic clear cover

Clips to hold the poster



HANGER



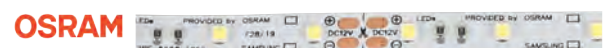
2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

FEATURES

- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided.
- The lightweight SMART LED BOX with slim profile design and low voltage requirements allow mounting at any given point with access to a regular electrical outlet. The unique frame extrusion offers a wide range of mounting or hanging options.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



ASSEMBLY SHEET

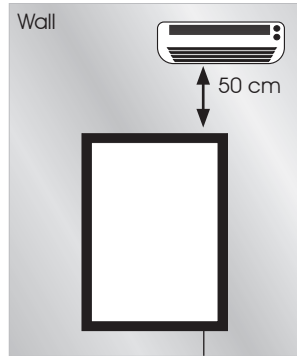


Magneco LEDbox Single Sided

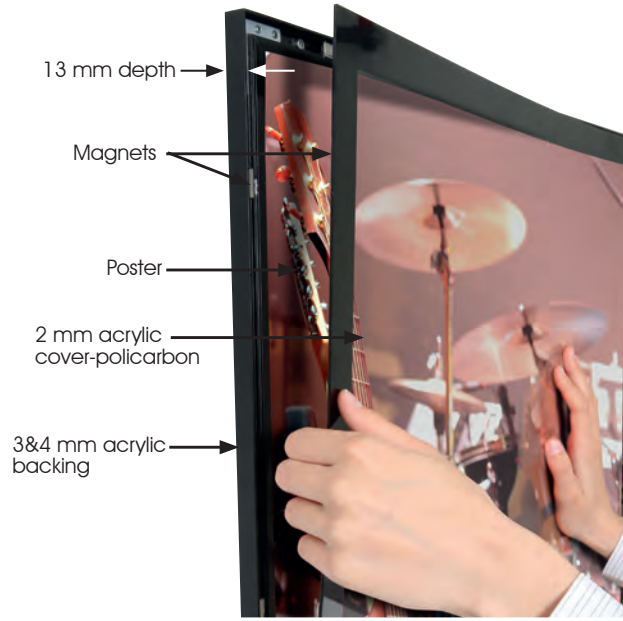


Finger hole to push cover

CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.



13 mm depth

Magnets

Poster

2 mm acrylic cover-polycarbon

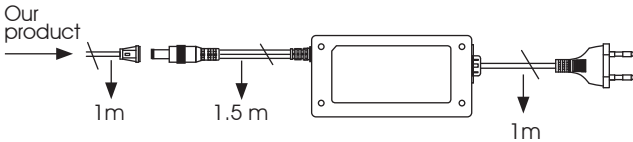
3&4 mm acrylic backing



1 m cable

POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.



CABLE

Delivered with 3,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



TECHNICAL SPECIFICATION

Max: 850 X 1200 mm

SILVER ARTICLE	BLACK ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULDMEN0BA4	ULDMEB0BA4	210 X 297 mm	3 mm	3000 - 3600 LUX	7 W / 0.58 A	1 A
ULDMEN0BA3	ULDMEB0BA3	297 X 420 mm	3 mm	3000 - 3300 LUX	11 W / 0.91 A	1 A
ULDMEN0BA2	ULDMEB0BA2	420 X 594 mm	3 mm	2700 - 3000 LUX	14 W / 1.16 A	2 A
ULDMEN0BA1	ULDMEB0BA1	594 X 841 mm	4 mm	2300 - 2600 LUX	21 W / 1.75 A	2 A
ULDMEN0BA0	ULDMEB0BA0	841 X 1189 mm	4 mm	1600 - 1800 LUX	29 W / 2.4 A	3 A
ULDMEN0BB2	ULDMEB0BB2	500 X 700 mm	3 mm	2200 - 2500 LUX	17 W / 1.41 A	2 A
ULDMEN0BB1	ULDMEB0BB1	700 X 1000 mm	4 mm	1800 - 2100 LUX	25 W / 2.08 A	3 A
ULDMEN0B17	ULDMEB0B17	280 X 432 mm	3 mm	2800 - 3000 LUX	10 W / 0.84 A	1 A
ULDMEN0B22	ULDMEB0B22	559 X 712 mm	3 mm	2000 - 2200 LUX	17.6 W / 1.5 A	2 A
ULDMEN0B23	ULDMEB0B23	508 X 762 mm	3 mm	2200 - 2500 LUX	17 W / 1.41 A	2 A
ULDMEN0B24	ULDMEB0B24	610 X 915 mm	4 mm	1900 - 2100 LUX	22.5 W / 1.9 A	3 A
ULDMEN0B34	ULDMEB0B34	762 X 1016 mm	4 mm	1800 - 2100 LUX	25 W / 2.08 A	3 A

HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

LED FEATURES (Duris E 2835)

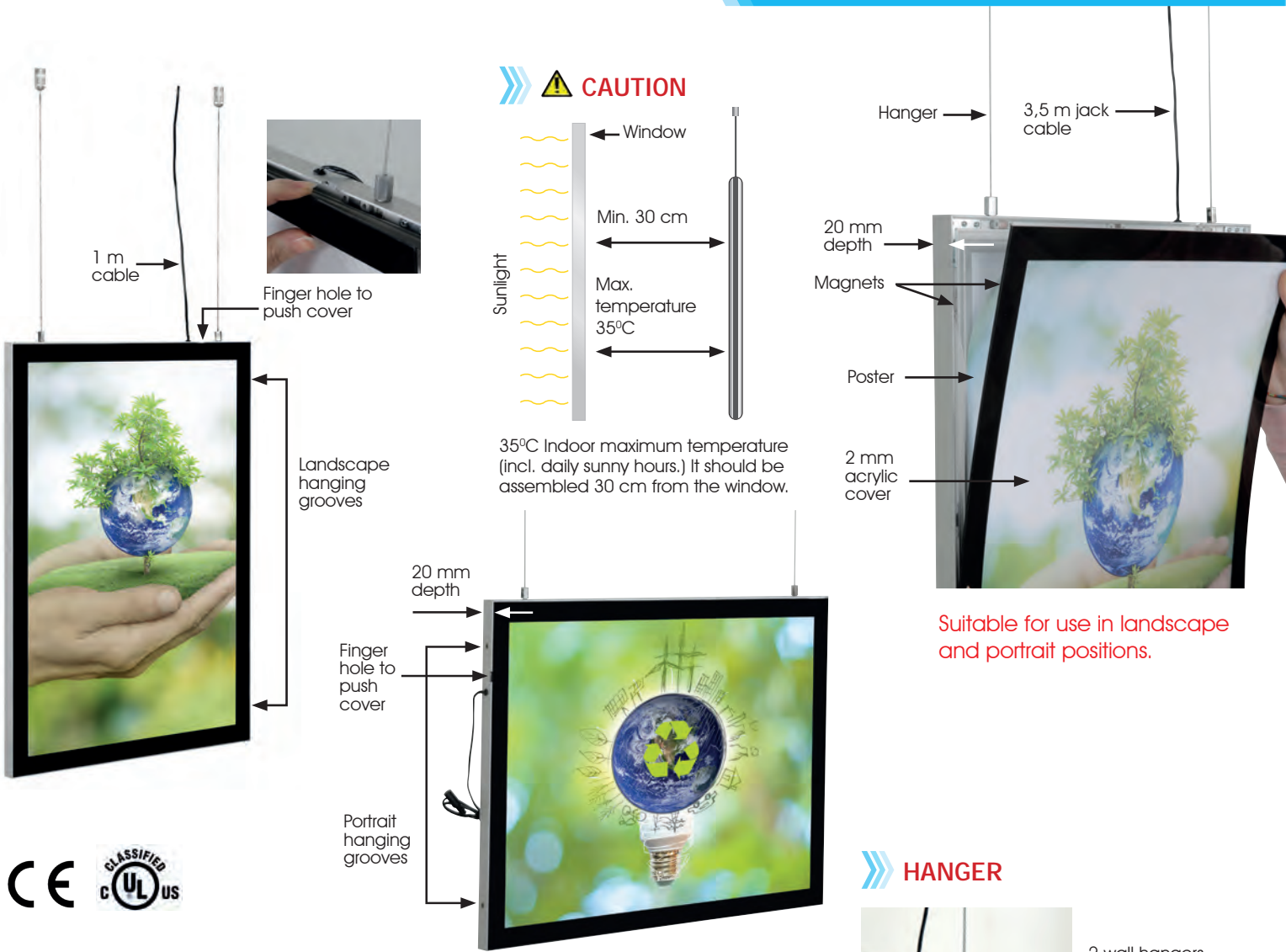
Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



ASSEMBLY SHEET



Magneco LEDbox Double Sided

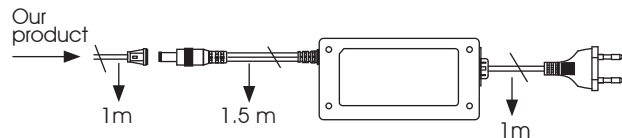


Suitable for use in landscape and portrait positions.



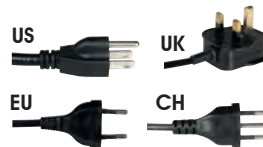
POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.



CABLE

Delivered with 3,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

TECHNICAL SPECIFICATION

Max: 850 X 1200 mm

SILVER ARTICLE	BLACK ARTICLE	POSTER	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
ULDMENCBA4	ULDMEBCBA4	210 X 297 mm	3 mm	2800 - 3000 LUX	9.5 W / 0.79 A	1 A
ULDMENCBA3	ULDMEBCBA3	297 X 420 mm	3 mm	2400 - 2600 LUX	14 W / 1.15 A	2 A
ULDMENCBA2	ULDMEBCBA2	420 X 594 mm	3 mm	2100 - 2300 LUX	20 W / 1.66 A	2 A
ULDMENCBA1	ULDMEBCBA1	594 X 841 mm	4 mm	1800 - 2000 LUX	28.5 W / 2.38 A	3 A
ULDMENCBA0	ULDMEBCBA0	841 X 1189 mm	4 mm	1200 - 1400 LUX	40.5 W / 3.39 A	4 A
ULDMENCB2	ULDMEBCB2	500 X 700 mm	3 mm	2000 - 2200 LUX	24 W / 2 A	3 A
ULDMENCB1	ULDMEBCB1	700 X 1000 mm	4 mm	1600 - 1800 LUX	35 W / 2.9 A	4 A
ULDMENCB17	ULDMEBCB17	280 X 432 mm	3 mm	2400 - 2600 LUX	16.6 W / 1.22 A	2 A
ULDMENCB22	ULDMEBCB22	559 X 712 mm	4 mm	1900 - 2100 LUX	24 W / 2 A	3 A
ULDMENCB23	ULDMEBCB23	508 X 762 mm	3 mm	2000 - 2200 LUX	26 W / 2.16 A	3 A
ULDMENCB24	ULDMEBCB24	610 X 915 mm	4 mm	1800 - 2000 LUX	31 W / 2.6 A	3 A
ULDMENCB34	ULDMEBCB34	762 X 1016 mm	4 mm	1600 - 1800 LUX	36 W / 3.02 A	4 A

LED FEATURES (Duris E 2835)

Led dimensions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



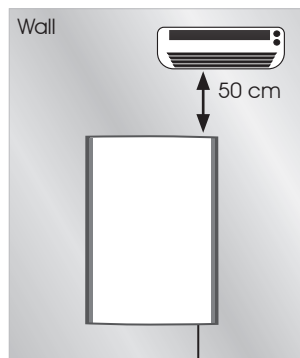
ASSEMBLY SHEET



Convex Ledbox



CAUTION



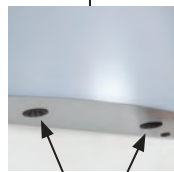
35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.

Snap open frame

28 mm depth

Opal acrylic

Anti reflex PET cover



Ventilation hole



On/off switch



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order.



TECHNICAL SPECIFICATION

Max: 850 X 1200 mm

ARTICLE	POSTER	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UCLB25LNA4	210 X 297 mm	2800 - 3300 LUX	4.2 W / 0.35 A	1 A
UCLB25LNA3	297 X 420 mm	2500 - 3000 LUX	6.4 W / 0.53 A	1 A
UCLB25LNA2	420 X 594 mm	2000 - 2300 LUX	8.5 W / 0.71 A	2 A
UCLB25LNA1	594 X 841 mm	2500 - 2700 LUX	26.5 W / 2.2 A	3 A
UCLB250NA0	841 X 1189 mm	2500 - 3000 LUX	55 W / 4.6 A	6 A
UCLB25LNB2	500 X 700 mm	2200 - 2500 LUX	13.2 W / 1.1 A	2 A
UCLB250NB1	700 X 1000 mm	2500 - 3000 LUX	26.5 W / 2.2 A	3 A
UCLB25LN17	279.4 X 431.8 mm	2800 - 3300 LUX	6.4 W / 0.53 A	1 A
UCLB25LN22	558.8 X 711.2 mm	2500 - 3000 LUX	13.2 W / 1.1 A	2 A
UCLB25LN23	508 X 762 mm	1800 - 2200 LUX	19.3 W / 1.6 A	2 A
UCLB25LN24	609.6 X 914.4 mm	2000 - 2300 LUX	30 W / 2.6 A	3 A
UCLB25LN34	762 X 1016 mm	2000 - 2300 LUX	26.5 W / 2.2 A	3 A



HANGER



2 wall hangers are standard in each product. Hang the unit with key holes on the back.

LED FEATURES (Duris E 2835)

Led dimensions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



ASSEMBLY SHEET

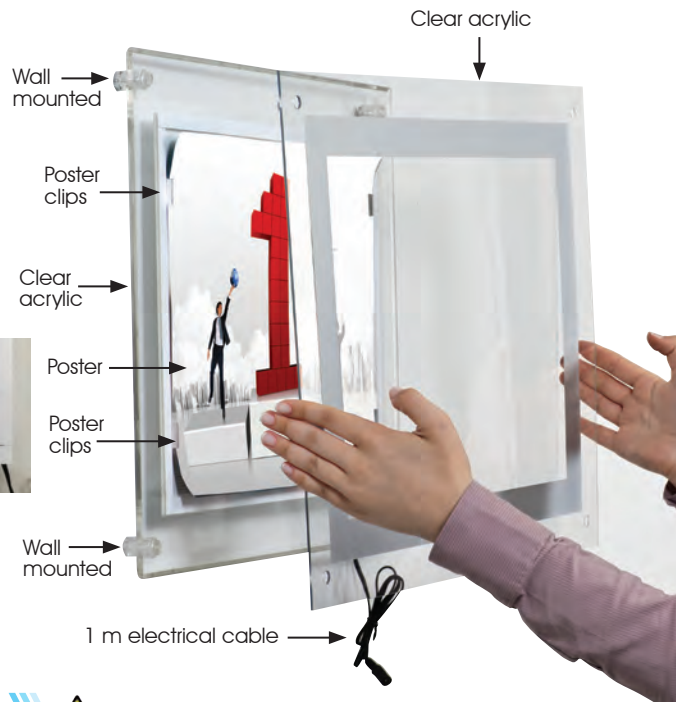


Acryled for Wall Mounting



Square

Electrical cable



Elipctical

Circle



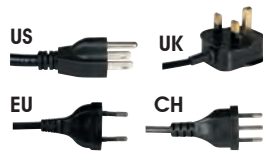
DIMMER

Optional dimmer to go with LED illuminated frame. Simply jack the dimmer in frame and then into powersupply. It adjust the light from dark to max lux of LED illuminated frame. Diming: %10-%100, on/off



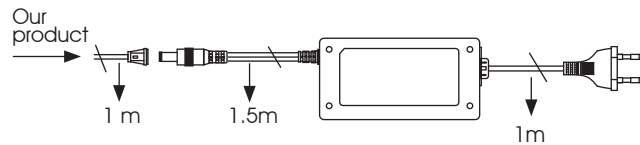
CABLE

Delivered with 3,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



POWER SUPPLY

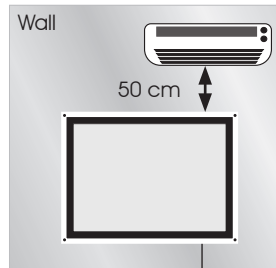
- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.



TECHNICAL SPECIFICATION Max: 850 X 1200 mm

SILVER	BLACK	POSTER	DESCRIPTION	ACRYLIC THICKNESS	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UACLON00A4	UACL0B00A4	210 X 297 mm	Square	8 mm	2400 - 2900 LUX	6 W / 0.5 A	1 A
UACLON00A3	UACL0B00A3	297 X 420 mm	Square	8 mm	2400 - 2600 LUX	18 W / 1.44 A	2 A
UACLON00A2	UACL0B00A2	420 X 594 mm	Square	8 mm	2100 - 2300 LUX	23 W / 1.92 A	3 A
UACLON00A1	UACL0B00A1	594 X 841 mm	Square	8 mm	1800 - 2200 LUX	35 W / 2.83 A	4 A
UACLON00A0	UACL0B00A0	841 X 1189 mm	Square	8 mm	1900 - 2300 LUX	48 W / 4 A	5 A
UACLON00B2	UACL0B00B2	500 X 700 mm	Square	8 mm	2000 - 2200 LUX	27 W / 2.24 A	3 A
UACLON00B1	UACL0B00B1	700 X 1000 mm	Square	8 mm	2100 - 2600 LUX	41 W / 3.33 A	4 A
UACLON0017	UACL0B0017	279.4 X 431.8 mm	Square	8 mm	2400 - 2600 LUX	18 W / 1.44 A	2 A
UACLON0022	UACL0B0022	558.8 X 711.2 mm	Square	8 mm	2100 - 2300 LUX	27 W / 2.24 A	3 A
UACLON0023	UACL0B0023	508 X 762 mm	Square	8 mm	2000 - 2200 LUX	31 W / 2.56 A	3 A
UACLON0024	UACL0B0024	609.6 X 914.4 mm	Square	8 mm	1800 - 2200 LUX	41 W / 3.33 A	4 A
UACLON0034	UACL0B0034	762 X 1016 mm	Square	8 mm	2100 - 2600 LUX	41 W / 3.36 A	4 A
UACLYN0000	UACLYB0000	∅ 446	Circle	10 mm	2500 - 3000 LUX		
UAACLE0000	UAACLEB0000	700 X 350 mm	Elipctical	10 mm			

CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



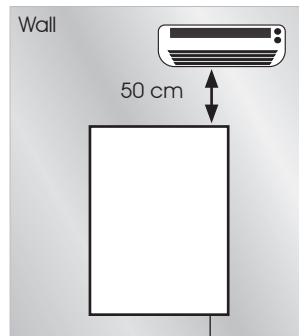
ASSEMBLY SHEET



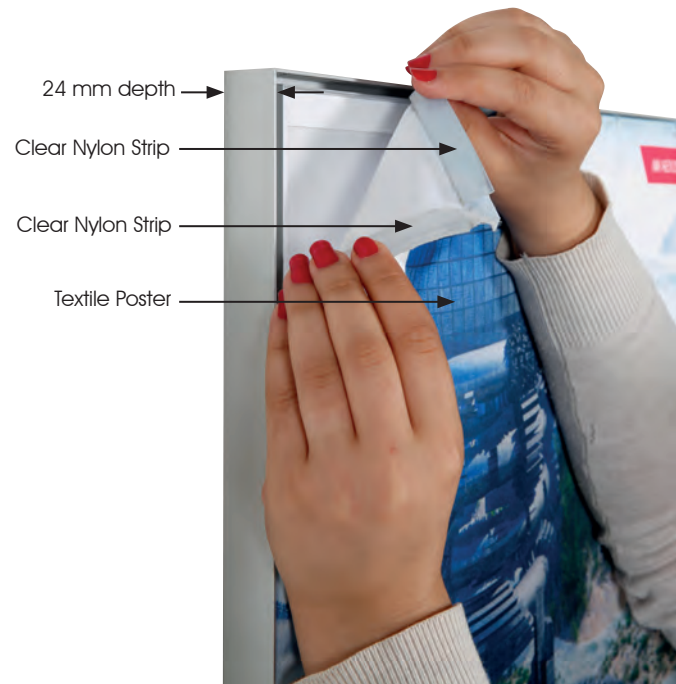
Star Maxi LED Single Sided



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.



HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order.



TECHNICAL SPECIFICATION

Max: 850 X 1200 mm

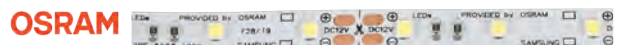
ARTICLE	EXTERNAL	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UMLSTN00A4	210 X 297 mm	2400 - 2800 LUX	6,5 W / 0,54 A	1 A
UMLSTN00A3	297 X 420 mm	2000 - 2200 LUX	11 W / 0,91 A	1 A
UMLSTN00A2	420 X 594 mm	1400 - 1800 LUX	15 W / 1,25 A	2 A
UMLSTN00A1	594 X 841 mm	1000 - 1300 LUX	21 W / 1,75 A	2 A
UMLSTN00A0	841 X 1189 mm	800 - 1000 LUX	28,5 W / 2,35 A	3 A
UMLSTN00B2	500 X 700 mm	1200 - 1500 LUX	17,5 W / 1,45 A	2 A
UMLSTN00B1	700 X 1000 mm	900 - 1200 LUX	25 W / 2,05 A	3 A
UMLSTN0023	508 X 762 mm	1200 - 1500 LUX	18,5 W / 1,55 A	2 A
UMLSTN0034	762 X 1016 mm	900 - 1000 LUX	26 W / 2,1 A	3 A

FEATURES

- Optimal nylon strips available
- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided..

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



ASSEMBLY SHEET



Star Maxi LED Double Sided



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

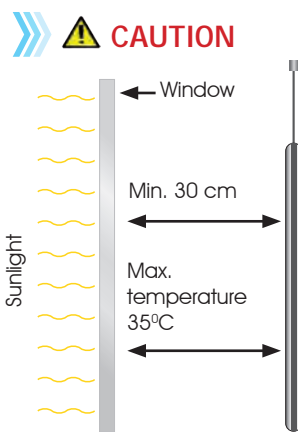
Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order.



TECHNICAL SPECIFICATION

Max: 850 X 2000 mm

ARTICLE	EXTERNAL	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UMLSCN00A4	210 X 297 mm	1200 - 1400 LUX	10 W / 0.8 A	1 A
UMLSCN00A3	297 X 420 mm	1100 - 1300 LUX	12 W / 1 A	2 A
UMLSCN00A2	420 X 594 mm	800 - 1100 LUX	18 W / 1.5 A	3 A
UMLSCN00A1	594 X 841 mm	700 - 1100 LUX	25 W / 2.05 A	3 A
UMLSCN00A0	841 X 1189 mm	500 - 900 LUX	33 W / 2.75 A	4 A
UMLSCN00B2	500 X 700 mm	900 - 1200 LUX	47.5 W / 3.95 A	3 A
UMLSCN00B1	700 X 1000 mm	700 - 1100 LUX	29 W / 2.4 A	4 A
UMLSCN0023	508 X 762 mm	800 - 1200 LUX	23 W / 1.9 A	3 A
UMLSCN0034	762 X 1016 mm	800 - 1000 LUX	29 W / 2.4 A	4 A



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.



HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

FEATURES

- Optimal nylon strips available
- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided..

LED FEATURES (Duris E 2835)

Led dimentions: 3,0 mm x 1,4 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84 - 88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500 K
Lumen maintenance: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



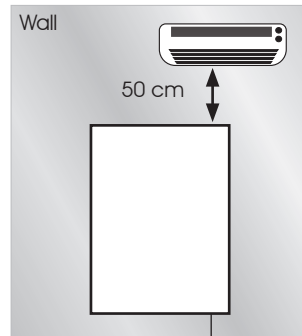
ASSEMBLY SHEET



Power LED



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.



HANGER



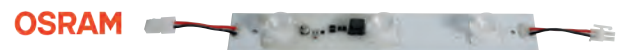
2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

FEATURES

- Optimal nylon strips available
- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided..

LED FEATURES

Led dimentions: 2,8 mm x 3,5 mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700 K - 6500 K (warm, neutral and cool white)
CRI: 84-88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm / W @ 6500K
Lumen efficacy @65mA: Typ. 169 lm / A @ 6500 K
Life time: 50.000 hours



CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order.



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.



ASSEMBLY SHEET



TECHNICAL SPECIFICATION

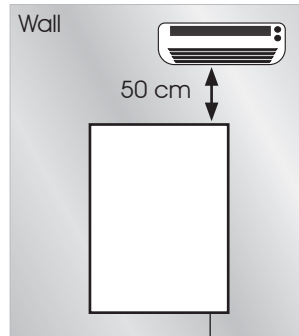
ARTICLE	EXTERNAL	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UMLPTN7510	750 X 1000 mm	39 W / 1.625 A	2.5 A
UMLPTN7512	750 X 1250 mm	48 W / 2 A	2.5 A
UMLPTN7515	750 X 1500 mm	63 W / 2.625 A	4.2 A
UMLPTN7517	750 X 1750 mm	72 W / 3 A	4.2 A
UMLPTN7520	750 X 2000 mm	87 W / 3.625 A	4.2 A
UMLPTN7522	750 X 2250 mm	96 W / 4 A	4.2 A
UMLPTN7525	750 X 2500 mm	111 W / 4.625 A	6.3 A
UMLPTN7527	750 X 2750 mm	120 W / 5 A	6.3 A
UMLPTN7530	750 X 3000 mm	135 W / 5.625 A	6.3 A
UMLPTN7532	750 X 3250 mm	144 W / 6 A	6.3 A
UMLPTN7535	750 X 3500 mm	159 W / 6.625 A	8.4 A
UMLPTN7537	750 X 3750 mm	168 W / 7 A	8.4 A
UMLPTN7540	750 X 4000 mm	183 W / 7.625 A	8.4 A
UMLPTN7542	750 X 4250 mm	192 W / 8 A	10 A
UMLPTN7545	750 X 4500 mm	207 W / 8.625 A	10 A
UMLPTN1010	1000 X 1000 mm	39 W / 1.625 A	2.5A
UMLPTN1012	1000 X 1250 mm	48 W / 2 A	2.5A
UMLPTN1015	1000 X 1500 mm	63 W / 2.625 A	4.2A
UMLPTN1017	1000 X 1750 mm	72 W / 3 A	4.2A
UMLPTN1020	1000 X 2000 mm	87 W / 3.625 A	4.2 A
UMLPTN1022	1000 X 2250 mm	96 W / 4 A	4.2 A
UMLPTN1025	1000 X 2500 mm	111 W / 4.625 A	6.3 A
UMLPTN1027	1000 X 2750 mm	120 W / 5 A	6.3 A
UMLPTN1030	1000 X 3000 mm	135 W / 5.625 A	6.3 A
UMLPTN1032	1000 X 3250 mm	144 W / 6 A	6.3 A
UMLPTN1035	1000 X 3500 mm	159 W / 6.625 A	8,4 A
UMLPTN1037	1000 X 3750 mm	168 W / 7 A	8,4 A
UMLPTN1040	1000 X 4000 mm	183 W / 7.625 A	8,4 A
UMLPTN1042	1000 X 4250 mm	192 W / 8 A	10 A
UMLPTN1045	1000 X 4500 mm	207 W / 8.625 A	10 A
UMLPTN1210	1250 X 1000 mm	48 W / 2 A	2.5A
UMLPTN1212	1250 X 1250 mm	48 W / 2 A	2.5A
UMLPTN1215	1250 X 1500 mm	63 W / 2.625 A	4.2A
UMLPTN1217	1250 X 1750 mm	72 W / 3 A	4.2A
UMLPTN1220	1250 X 2000 mm	87 W / 3.625 A	4.2A
UMLPTN1222	1250 X 2250 mm	96 W / 4 A	4,2A
UMLPTN1225	1250 X 2500 mm	111 W / 4.625 A	6.3A
UMLPTN1227	1250 X 2750 mm	120 W / 5 A	6.3 A
UMLPTN1230	1250 X 3000 mm	135 W / 5.625 A	6.3 A
UMLPTN1232	1250 X 3250 mm	144 W / 6 A	6.3 A
UMLPTN1235	1250 X 3500 mm	159 W / 6.625 A	8.4 A
UMLPTN1237	1250 X 3750 mm	168 W / 7 A	8.4 A
UMLPTN1240	1250 X 4000 mm	183 W / 7.625 A	8.4 A
UMLPTN1242	1250 X 4250 mm	192 W / 8 A	10 A
UMLPTN1245	1250 X 4500 mm	207 W / 8.625 A	10 A
UMLPTN1510	1500 X 1000 mm	63 W / 2.625 A	4.2 A
UMLPTN1512	1500 X 1250 mm	63 W / 2.625 A	4.2 A
UMLPTN1515	1500 X 1500 mm	126 W / 5.25 A	6.3 A
UMLPTN1517	1500 X 1750 mm	144 W / 6 A	6.3 A
UMLPTN1520	1500 X 2000 mm	174 W / 7.25 A	8.4 A
UMLPTN1522	1500 X 2250 mm	192 W / 8 A	10 A
UMLPTN1525	1500 X 2500 mm	222 W / 9.25 A	10 A
UMLPTN1527	1500 X 2750 mm	240 W / 10 A	2 X 6.3 A
UMLPTN1530	1500 X 3000 mm	270 W / 11.25 A	2 X 6.3 A
UMLPTN1532	1500 X 3250 mm	288 W / 12 A	2 X 6.3 A
UMLPTN1535	1500 X 3500 mm	318 W / 13.25 A	2 X 8.4 A
UMLPTN1537	1500 X 3750 mm	336 W / 14 A	2 X 8.4 A
UMLPTN1540	1500 X 4000 mm	366 W / 15.25 A	2 X 8.4 A
UMLPTN1542	1500 X 4250 mm	384 W / 16 A	2 X 10 A
UMLPTN1545	1500 X 4500 mm	414 W / 17.25 A	2 X 10 A

ARTICLE	EXTERNAL	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UMLPTN1710	1750 X 1000 mm	87 W / 3.625 A	4.2 A
UMLPTN1712	1750 X 1250 mm	87 W / 3.625 A	4.2 A
UMLPTN1715	1750 X 1500 mm	174 W / 7.25 A	6.3 A
UMLPTN1717	1750 X 1750 mm	174 W / 7.25 A	6,3 A
UMLPTN1720	1750 X 2000 mm	174 W / 7.25 A	8.4 A
UMLPTN1722	1750 X 2250 mm	192 W / 8 A	10 A
UMLPTN1725	1750 X 2500 mm	222 W / 9.25 A	10 A
UMLPTN1727	1750 X 2750 mm	240 W / 10 A	2 X 6.3 A
UMLPTN1730	1750 X 3000 mm	270 W / 11.25 A	2 X 6.3 A
UMLPTN1732	1750 X 3250 mm	288 W / 12 A	2 X 6.3 A
UMLPTN1735	1750 X 3500 mm	318 W / 13.25 A	2 X 8.4 A
UMLPTN1737	1750 X 3750 mm	336 W / 14 A	2 X 8.4 A
UMLPTN1740	1750 X 4000 mm	366 W / 15.25 A	2 X 8.4 A
UMLPTN1742	1750 X 4250 mm	384 W / 16 A	2 X 10 A
UMLPTN1745	1750 X 4500 mm	414 W / 17.25 A	2 X 10 A
UMLPTN1010	1000 X 1000 mm	96 W / 4 A	4.2 A
UMLPTN1012	1000 X 1250 mm	96 W / 4 A	4.2 A
UMLPTN1015	1000 X 1500 mm	192 W / 8 A	8.4 A
UMLPTN1017	1000 X 1750 mm	192 W / 8 A	8.4 A
UMLPTN1020	1000 X 2000 mm	192 W / 8 A	8.4 A
UMLPTN1022	1000 X 2250 mm	192 W / 8 A	10 A
UMLPTN1025	1000 X 2500 mm	222 W / 9.25 A	10 A
UMLPTN1027	1000 X 2750 mm	240 W / 10 A	2 X 6.3 A
UMLPTN1030	1000 X 3000 mm	270 W / 11.25 A	2 X 6.3 A
UMLPTN1032	1000 X 3250 mm	288 W / 12 A	2 X 6.3 A
UMLPTN1035	1000 X 3500 mm	318 W / 13.25 A	2 X 8.4 A
UMLPTN1037	1000 X 3750 mm	336 W / 14 A	2 X 8.4 A
UMLPTN1040	1000 X 4000 mm	366 W / 15.25 A	2 X 8.4 A
UMLPTN1042	1000 X 4250 mm	384 W / 16 A	2 X 10 A
UMLPTN1045	1000 X 4500 mm	414 W / 17.25 A	2 X 10 A
UMLPTN1210	1250 X 1000 mm	111 W / 4.625 A	4.2 A
UMLPTN1212	1250 X 1250 mm	111 W / 4.625 A	4.2 A
UMLPTN1215	1250 X 1500 mm	222 W / 9.25 A	10 A
UMLPTN1217	1250 X 1750 mm	222 W / 9.25 A	10 A
UMLPTN1220	1250 X 2000 mm	222 W / 9.25 A	10 A
UMLPTN1222	1250 X 2250 mm	222 W / 9.25 A	10 A
UMLPTN1225	1250 X 2500 mm	222 W / 9.25 A	10 A
UMLPTN1227	1250 X 2750 mm	240 W / 10 A	2 X 6.3 A
UMLPTN1230	1250 X 3000 mm	270 W / 11.25 A	2 X 6.3 A
UMLPTN1232	1250 X 3250 mm	288 W / 12 A	2 X 6.3 A
UMLPTN1235	1250 X 3500 mm	318 W / 13.25 A	2 X 8.4 A
UMLPTN1237	1250 X 3750 mm	336 W / 14 A	2 X 8.4 A
UMLPTN1240	1250 X 4000 mm	366 W / 15.25 A	2 X 8.4 A
UMLPTN1242	1250 X 4250 mm	384 W / 16 A	2 X 10 A
UMLPTN1245	1250 X 4500 mm	414 W / 17.25 A	2 X 10 A
UMLPTN1510	1500 X 1000 mm	87 W / 3.625 A	6.3 A
UMLPTN1512	1500 X 1250 mm	87 W / 3.625 A	6.3 A
UMLPTN1515	1500 X 1500 mm	174 W / 7.25 A	10 A
UMLPTN1517	1500 X 1750 mm	174 W / 7.25 A	10 A
UMLPTN1520	1500 X 2000 mm	174 W / 7.25 A	10 A
UMLPTN1522	1500 X 2250 mm	192 W / 8 A	10 A
UMLPTN1525	1500 X 2500 mm	222 W / 9.25 A	10 A
UMLPTN1527	1500 X 2750 mm	240 W / 10 A	2 X 6,3 A
UMLPTN1530	1500 X 3000 mm	270 W / 11.25 A	2 X 6,3 A
UMLPTN1532	1500 X 3250 mm	288 W / 12 A	2 X 6,3 A
UMLPTN1535	1500 X 3500 mm	318W/13,25A	2 X 8,4 A
UMLPTN1537	1500X 3750 mm	336 W / 14 A	2 X 8,4 A
UMLPTN1540	1500 X 4000 mm	366 W / 15.25 A	2 X 8,4 A
UMLPTN1542	1500 X 4250mm	384 W / 16 A	2 X 10 A
UMLPTN1545	1500 X 4500 mm	414 W / 17.25 A	2 X 10 A

Maxi Frame with LED



CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.



On/off switch



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

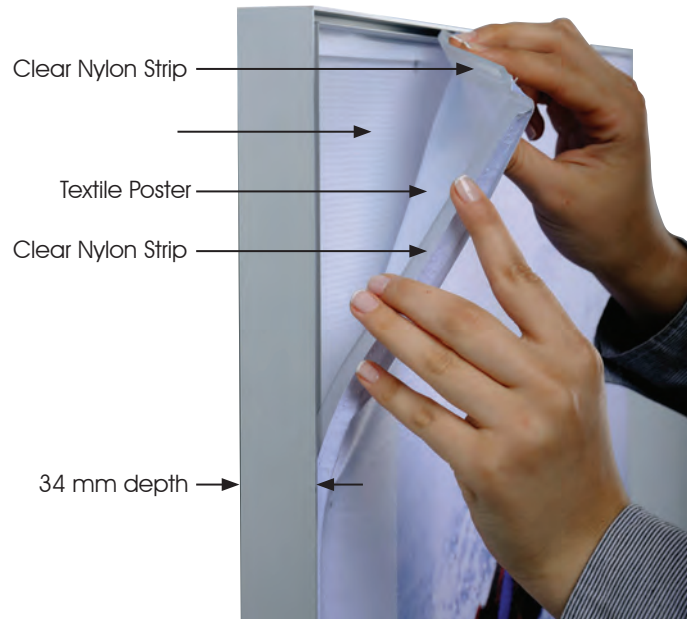
CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order.



TECHNICAL SPECIFICATION

ARTICLE	EXTERNAL	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UMLD3400A4	210 X 297 mm	4500-5000 LUX	5 W / 0.4 A	1A
UMLD3400A3	297 X 420 mm	4000-4500 LUX	15,5 W / 1.3 A	2A
UMLD3400A2	420 X 594 mm	3500-4000 LUX	25 W / 2.05 A	3A
UMLD3400A1	594 X 841 mm	3000-3300 LUX	33 W / 2.75 A	4A
UMLD3400A0	841 X 1189 mm	2700-3000 LUX	47.5 W / 3.95 A	6A
UMLD3400B2	500 X 700 mm	3300-3800 LUX	28 W / 2.4 A	3A
UMLD3400B1	700 X 1000 mm	2300-2600 LUX	31 W / 2.6 A	4A
UMLD3400B0	1000 X 1400 mm	1700-2000 LUX	58 W / 4.85 A	6A
UMLD340023	508 X 762 mm	3300-3800 LUX	31 W / 2.6 A	4A
UMLD340034	762 X 1016 mm	2200-2500 LUX	39.5 W / 3.3 A	4A
UMLD340046	1016 X 1524 mm	1700-2000 LUX	58 W / 4.85 A	6A



Clear Nylon Strip

Textile Poster

Clear Nylon Strip

34 mm depth

HANGER



2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.

FEATURES

- Optimal nylon strips available
- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided..

LED FEATURES (Duris E 2835)

Led dimentions: 3,0mm x 1,4mm

Processing technology: White SMT package, colored diffused silicone resin

Viewing angle at 50 % IV: 120°

Color: 2700K - 6500K (warm, neutral and cool white)

CRI: 84-88

Luminous flux: Typ. 30 lm @ 6500K

Luminous efficacy: Typ. 153 lm/W @ 6500K

Lumen maintenance: Typ. 169 lm/A @ 6500K

Life time: 50.000 hours



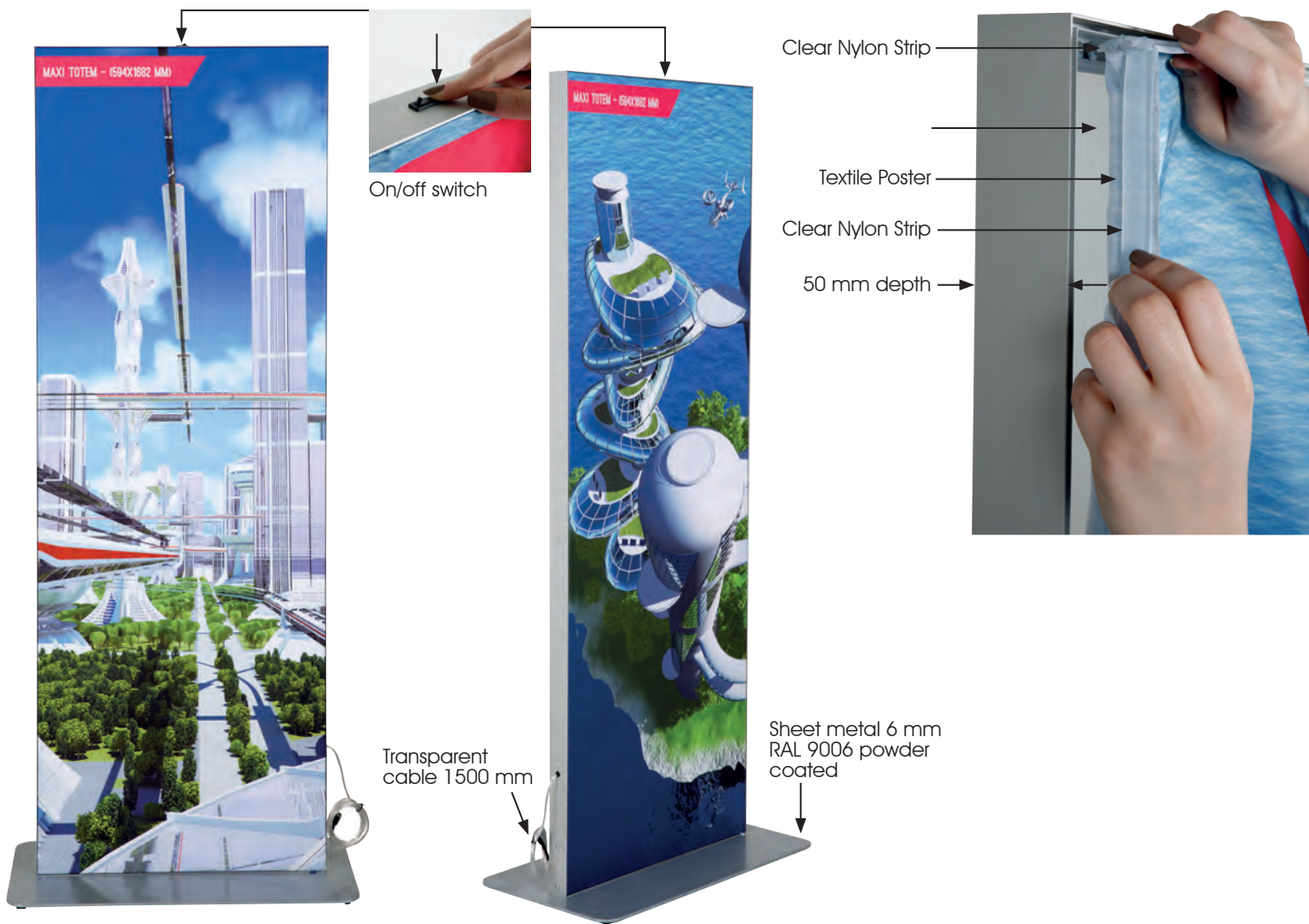
ASSEMBLY SHEET



Power LED



Maxi Frame Totem with LED Double Sided



CABLE

Delivered with 2,5 meter long cable and EU plug.
UK, US or CH plugs should be specified with order.



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

TECHNICAL SPECIFICATION

ARTICLE	EXTERNAL	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UMTSLN02A1	594 X 1682 mm	2100-2600 LUX		

FEATURES

- Optimal nylon strips available
- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided..

LED FEATURES (Duris E 2835)

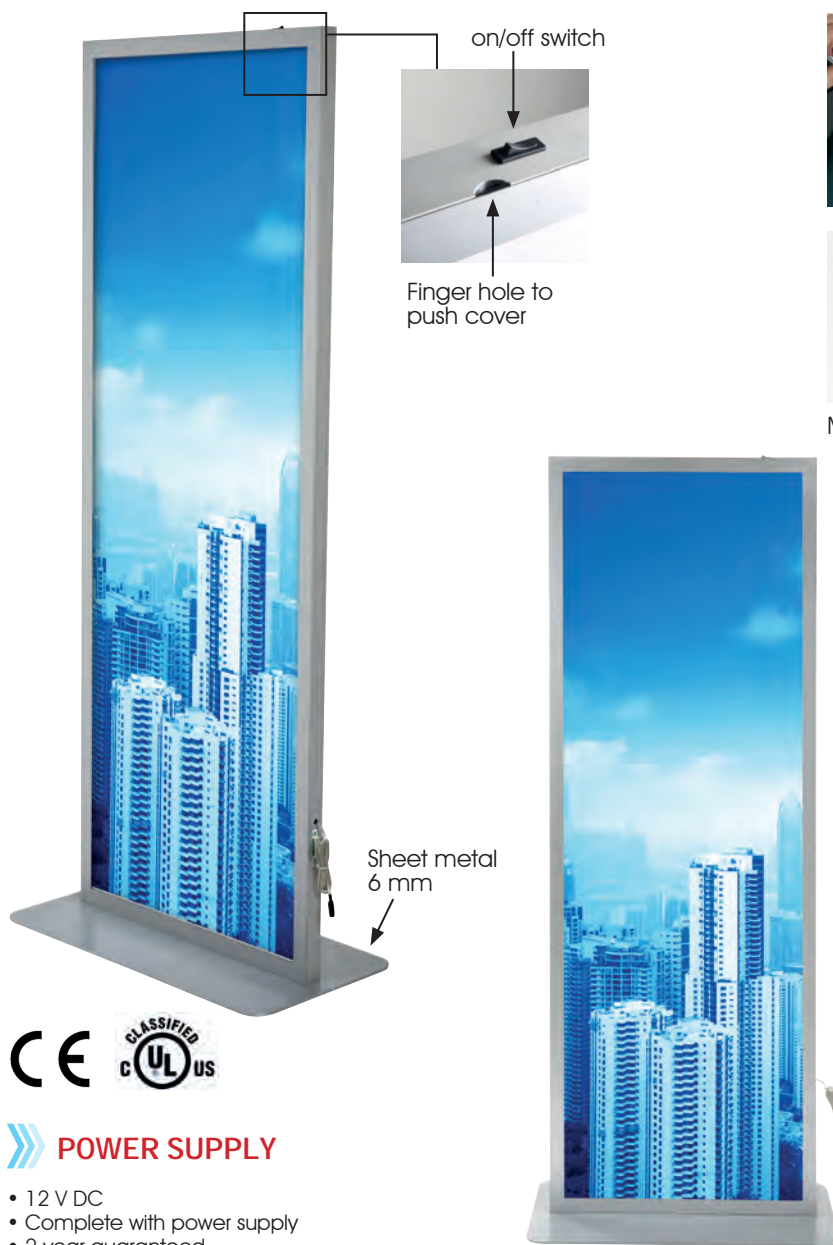
Led dimensions: 3,0mm x 1,4mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700K - 6500K (warm, neutral and cool white)
CRI: 84-88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm/W @ 6500K
Lumen maintenance: Typ. 169 lm/A @ 6500K
Life time: 50.000 hours



ASSEMBLY SHEET

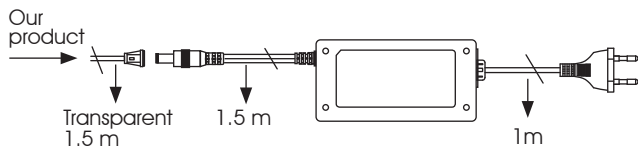


LEDA Illuminated Magnetic Totem



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.



CABLE

Delivered with 4 meter long cable and EU plug.
UK, US or CH plugs should be specified with order.



TECHNICAL SPECIFICATION

ARTICLE	POSTER	DESCRIPTION	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UMLD37B000	594 X 1682 mm	Black	1900-2100 LUX	65.28 W / 5.44 A	6 A
UMLD37N000	594 X 1682 mm	Silver	1900-2100 LUX	65.28 W / 5.44 A	6 A

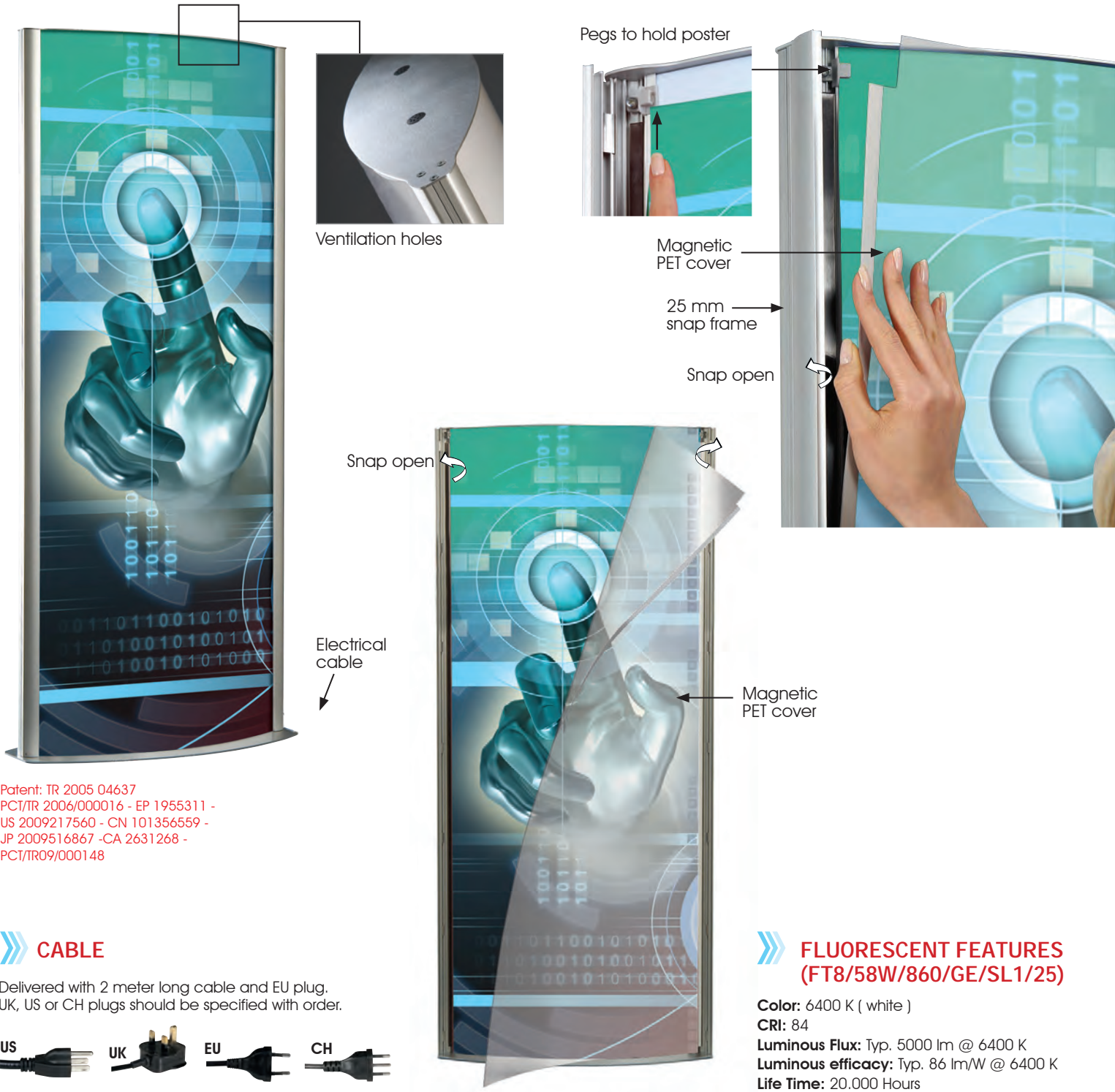
LED FEATURES (Duris E3)

- Viewing angle at 50 % IV:** 120°
- Color:** 2700 K - 6500 K (warm, neutral and cool white)
- CRI:** Min. 80
- Luminous Flux:** Typ. 30 lm @ 5000 K
- Luminous efficacy:** Typ. 153 lm/W @ 5000 K
- Lumen Maintenance:** Testing according to IESNA LM-80 in progress
- Life Time :** 50.000 Hours
- Colour:** 5700 K -6500 K (White)*
- *For special inquired colour is available in 2700 K -6500 K

ASSEMBLY SHEET



Totem



Patent: TR 2005 04637
 PCT/TR 2006/000016 - EP 1955311 -
 US 2009217560 - CN 101356559 -
 JP 2009516867 -CA 2631268 -
 PCT/TR09/000148

» CABLE

Delivered with 2 meter long cable and EU plug.
 UK, US or CH plugs should be specified with order.



» FEATURES

- Easy poster change.
- Magnetic door like poster cover.

» TECHNICAL SPECIFICATION

ARTICLE	POSTER	ILLUMINATION	POWER CONSUMPTION	POWER
UTTM001000	600 X 1700 mm	1 X 58 W	58 W	AC 230 V
UTTM002000	700 X 1700 mm	1 X 58 W	58 W	AC 230 V
UTTM003000	800 X 1700 mm	2 X 58 W	116 W	AC 230 V

» FLUORESCENT FEATURES (FT8/58W/860/GE/SL1/25)

Color: 6400 K (white)
CRI: 84
Luminous Flux: Typ. 5000 lm @ 6400 K
Luminous efficacy: Typ. 86 lm/W @ 6400 K
Life Time: 20.000 Hours



» ASSEMBLY SHEET



Decorative Totem



Electrical cable



CABLE

Delivered with 2 meter long cable and EU plug.
UK, US or CH plugs should be specified with order.



FEATURES

- Easy poster change.
- Magnetic door like poster cover.
- Allows for customizing.

TECHNICAL SPECIFICATION

ARTICLE	POSTER	ILLUMINATION	POWER CONSUMPTION	POWER
UTTM011010	594 X 841 mm	1 X 18 W	18 W	AC 230 V
UTTM011020	700 X 1000 mm	1 X 30 W	30 W	AC 230 V
UTTM011040	500 X 700 mm	1 X 18 W	18 W	AC 230 V
UTTM011030	841 X 1189 mm	2 X 36 W	72 W	AC 230 V

Pegs to hold poster



Magnetic PET cover

Snap open

25 mm snap frame



FLUORESCENT FEATURES

L 18 W / FT8/18W/860/GE/SL1/25

Color: 6400 K (white)

CRI: 82

Luminous Flux: Typ. 1300 lm @ 6400 K

Luminous efficacy: Typ. 72 lm/W @ 6400 K

Life Time: 20.000 Hours



L 30 W / 865

Color: 6400 K (white)

CRI: 80..89

Luminous Flux: Typ. 2300 lm @ 6500 K

Luminous efficacy: Typ. 78 lm/W @ 6500 K

Life Time: 20.000 Hours

OSRAM



L 36 W / FT8/36W/860/GE/SL1/25

Color: 6400 K (white)

CRI: 82

Luminous Flux: Typ. 3250 lm @ 6400 K

Luminous efficacy: Typ. 90 lm/W @ 6400 K

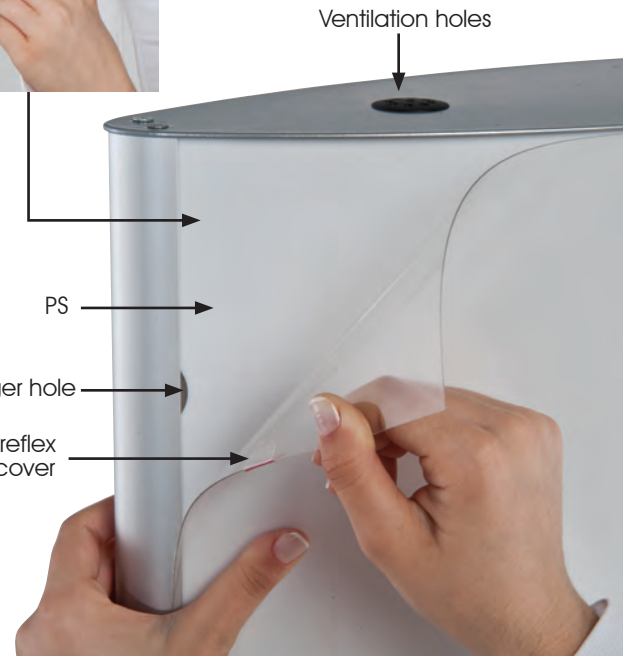
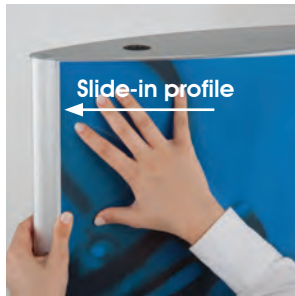
Life Time: 20.000 Hours



ASSEMBLY SHEET



Mono Totem with Light



Electrical cable



CABLE

Delivered with 2 meter long cable and EU plug. UK, US or CH plugs should be specified with order.



FEATURES

- Budget solution.
- Available with or without illumination.

TECHNICAL SPECIFICATION

ARTICLE	POSTER	ILLUMINATION	POWER CONSUMPTION	POWER
UTTME00500	500 X 1700 mm	1 X 58 W	58 W	AC 230 V
UTTME00600	600 X 1700 mm	1 X 58 W	58 W	AC 230 V

FLUORESCENT FEATURES (FT8/58W/860/GE/SL1/25)

Color: 6400 K (white)

CRI: 84

Luminous Flux: Typ. 5000 lm @ 6400 K

Luminous efficacy: Typ. 86 lm/W @ 6400 K

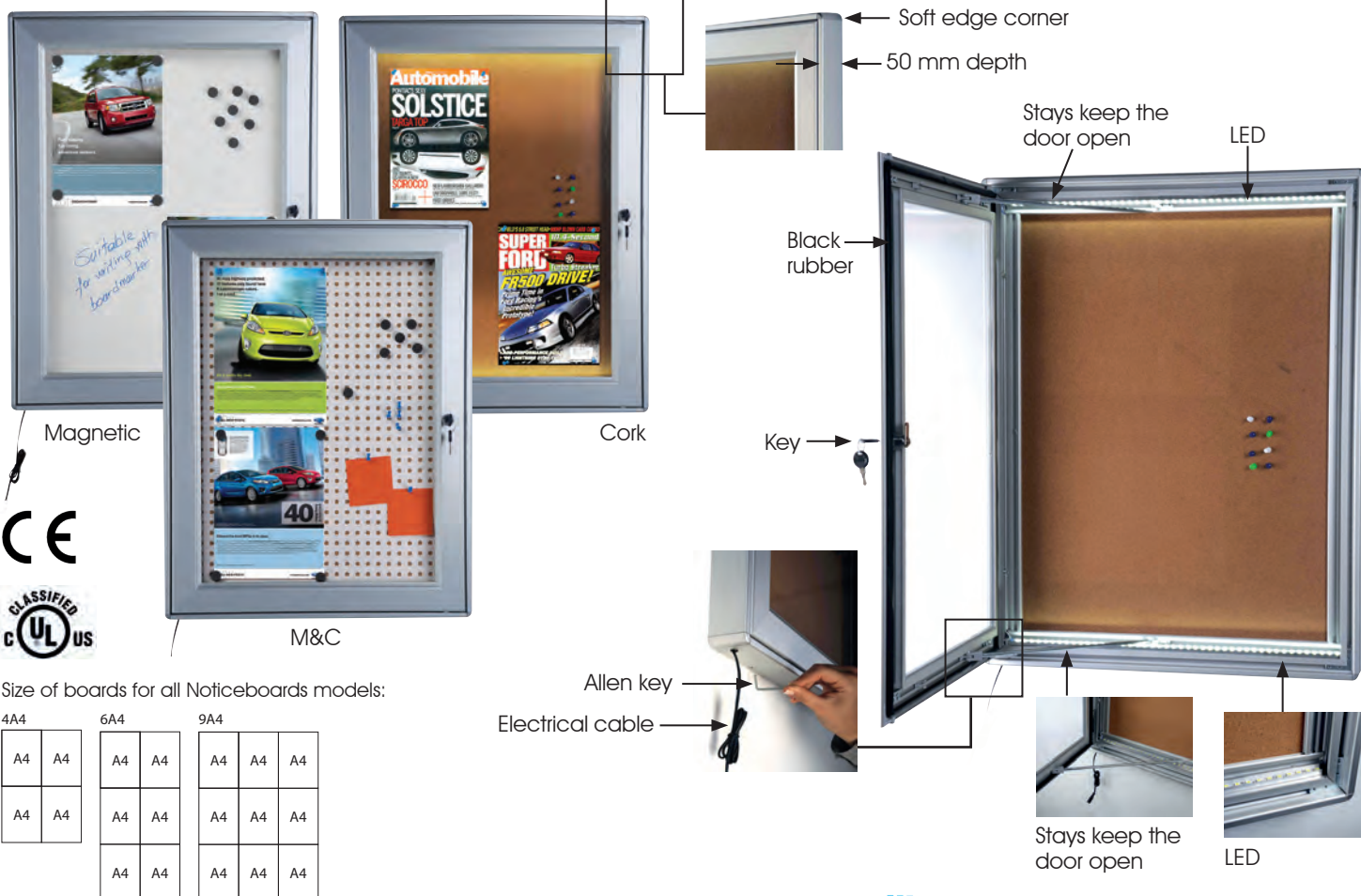
Life Time: 20.000 Hours



ASSEMBLY SHEET



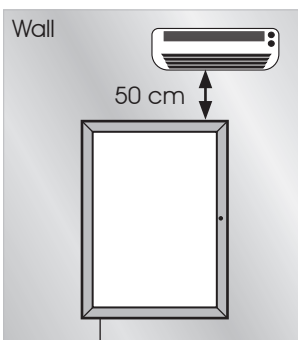
Noticeboard with LED Light



Size of boards for all Noticeboards models:

4A4		6A4		9A4		
A4	A4	A4	A4	A4	A4	A4
A4	A4	A4	A4	A4	A4	A4
		A4	A4	A4	A4	A4

CAUTION



35°C Indoor maximum temperature (incl. daily sunny hours.) It should be assembled 30 cm from the window.

POWER SUPPLY

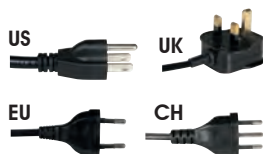
- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

FEATURES

- Suitable for outdoor use
- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided..

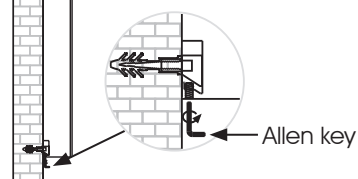
CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



HANGER

2 wall hangers are standard in each product. Moving hangers let the mounting in portrait and landscape position.



LED FEATURES (Duris E 2835)

Led dimentions: 3,0mm x 1,4mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700K - 6500K (warm, neutral and cool white)
CRI: 84-88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm/W @ 6500K
Lumen maintenance: Typ. 169 lm/A @ 6500K
Life time: 50.000 hours



TECHNICAL SPECIFICATION

CORK	MAGNETIC	M&C	CAPACITY	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UNBN0L04A4	UNBN1L04A4	UNBN2L04A4	4 X A4	24 W / 2 A	3 A
UNBN0L06A4	UNBN1L06A4	UNBN2L06A4	6 X A4	24 W / 2 A	3 A
UNBN0L09A4	UNBN1L09A4	UNBN2L09A4	9 X A4	34.56 W / 2.88 A	4 A

ASSEMBLY SHEET



Curved Menuboard with AcryLED



POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



TECHNICAL SPECIFICATION

SILVER	BLACK	POSTER	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UCUALN00A4	UCUALB00A4	210 X 297 mm	5000-5500 LUX	5.7 W / 0.48 A	1 A
UCUALN00A3	UCUALB00A3	297 X 420 mm	4500-5000 LUX	17.28 W / 1.44 A	2 A

FEATURES

- Halo effect around the frame.
- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided..

LED FEATURES (Duris E 2835)

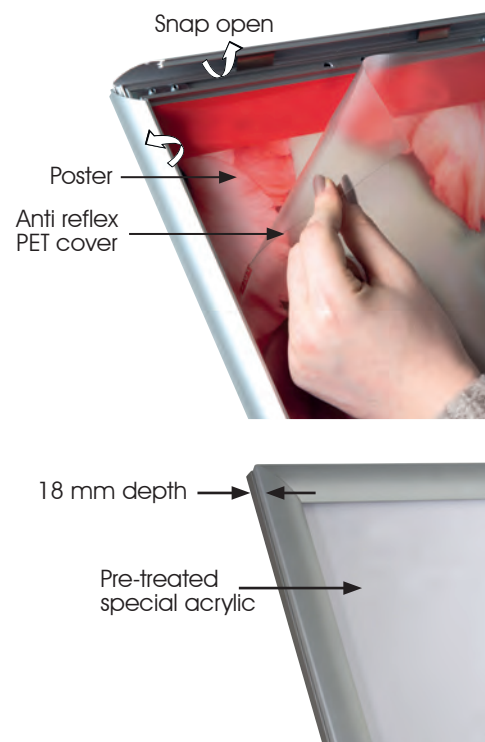
Led dimentions: 3,0mm x 1,4mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700K - 6500K (warm, neutral and cool white)
CRI: 84-88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm/W @ 6500K
Lumen maintenance: Typ. 169 lm/A @ 6500K
Life time: 50.000 hours



ASSEMBLY SHEET



Flexible Menuboard with LEDbox



Patent Pending TR 2007 06354 - TR 2007 03453 - PCT/TR 2007/000131 - DE 20 2007 016 574 - OHIM 000748223-0001,2 - FR 760305 - US 29/295.750 - US D 597, 764 S - JP 2007-022472 - JP 2007-022473 - CN 200730321542.4 - CN 200730321543.

POWER SUPPLY

- 12 V DC
- Complete with power supply
- 2 year guaranteed
- 7/16 use
- If 7/24 use required, please order individually.

CABLE

Delivered with 2,5 meter long cable and EU plug. UK, US or CH plugs should be specified with order. Extension cable: 1 mm, 2 mm, 3 mm.



TECHNICAL SPECIFICATION

CORK	POSTER	DESCRIPTION	ILLUMINATION	POWER CONSUMPTION	POWER SUPPLY RECOMMENDED
UFML00NOA4	210 X 297 mm	Flexible height - Silver	3000-3300 W	7 W / 0.58 A	1 A
UFML00NOA3	420 X 297 mm	Flexible height - Silver	2800-3000 W	11/ W / 0.91 A	1 A
UFML10B0A4	210 X 297 mm	Fixed height - Black	3000-3300 W	7 W / 0.58 A	1 A
UFML10B0A3	420 X 297 mm	Fixed height - Black	2800-3000 W	11/ W / 0.91 A	1 A

FEATURES

- Halo effect around the frame.
- Improved Led technology for improved luminance.
- Pre-treated light guided panel diffuses light even & powerful.
- Saves up to 60% energy costs.
- CE certificate provided..

LED FEATURES (Duris E 2835)

Led dimentions: 3,0mm x 1,4mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700K - 6500K (warm, neutral and cool white)
CRI: 84-88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm/W @ 6500K
Lumen maintenance: Typ. 169 lm/A @ 6500K
Life time: 50.000 hours



ASSEMBLY SHEET



Illuminated WindPro with LED



WARNING

- Do not charge the battery in the lockable compartment of the base.
- Battery will be shipped at full charge capacity see digital indication on the battery to recharge.
- Battery should be stored fully charged
- If not in use, every 3 months battery should be recharged.
- Do not keep the base in water more than 10cm as it may let the water in battery compartment.

BATTERY & BATTERY CHARGER



CARRY TOOL

WindPro tool / UYUP480945
Included in each box. Pulling force 6-8 kg max.

TECHNICAL SPECIFICATION

ARTICLE	POSTER	ILLUMINATION		POWER CONSUMPTION	
USWL000NA1	594 X 841 mm	Energy Saving	Bright Mod	Energy Saving	Bright Mod
USWL000NA1	594 X 841 mm	1000 LUX	2000 LUX	15 W	30 W



PRODUCT FEATURES

- Patented product
- Outdoor use, IP certified
- Adjustable brightness:
 - ✓ Bright Mode: approx. 9 hours (2000-2200 Lux)
 - ✓ Energy Saving Mode: approx. 18 hours (1000-1100 Lux)
- *This information is based on average temperature of 23°C.
- Complete with accessories: battery, carry tool, charger.
- Chrome coated zamak corners provide mitred look and yet soft finish corners
- UV resistant covers
- 12 locks keeps the poster safe.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0mm x 1,4mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700K - 6500K (warm, neutral and cool white)
CRI: 84-88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm/W @ 6500K
Lumen maintenance: Typ. 169 lm/A @ 6500K
Life time: 50.000 hours



ASSEMBLY SHEET / MANUAL



See for the details in manual

Illuminated WindPro with LED Plus



WARNING

- Do not charge the battery in the lockable compartment of the base.
- Battery will be shipped at full charge capacity see digital indication on the battery to recharge.
- Battery should be stored fully charged
- If not in use, every 3 months battery should be recharged.
- Do not keep the base in water more than 10cm as it may let the water in battery compartment.

BATTERY & BATTERY CHARGER



UYPSWL0010
Spare battery

1011199C000 - LiFePO4
25.6V 7.5A Rechargeable
battery 25,6V 7,5A LiFePO4
model battery

1011200C000 - LiFePO4
29.2V 1.35A Battery charger
for LiFePO4 29,2V 1,35A

Delivered with 2
meter long cable
and EU plug. UK, US
or CH plugs should be
specified with
order.



CARRY TOOL

WindPro tool / UYUP480945
Included in each box. Pulling force 6-8 kg max.

TECHNICAL SPECIFICATION

ARTICLE	POSTER	ILLUMINATION		POWER CONSUMPTION	
USWL000NA1	594 X 841 mm	Energy Saving	Bright Mod	Energy Saving	Bright Mod
USWL000NA1	594 X 841 mm	1000 LUX	2000 LUX	15 W	30 W

PRODUCT FEATURES

- Patented product
- Outdoor use, IP certified
- Adjustable brightness:
 - ✓ Bright Mode: approx. 9 hours (2000-2200 Lux)
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- *This information is based on average temperature of 23°C.
- Complete with accessories: battery, carry tool, charger.
- Chrome coated zamak corners provide mitred look and yet soft finish corners
- UV resistant covers
- 12 locks keeps the poster safe.

LED FEATURES (Duris E 2835)

Led dimentions: 3,0mm x 1,4mm
Processing technology: White SMT package, colored diffused silicone resin
Viewing angle at 50 % IV: 120°
Color: 2700K - 6500K (warm, neutral and cool white)
CRI: 84-88
Luminous flux: Typ. 30 lm @ 6500K
Luminous efficacy: Typ. 153 lm/W @ 6500K
Lumen maintenance: Typ. 169 lm/A @ 6500K
Life time: 50.000 hours



ASSEMBLY SHEET / MANUAL



See for the details
in manual



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