

Potential cost savings with Ambient Light Sensor for Prisma and ARCB Boards

Start saving on energy costs today by ordering your Prisma or ARCB controller board with our all new **Ambient Light Sensor!**

How it works:



Over 50% of each year is spent in suboptimal ambient lighting conditions (darkness, overcast or rainy weather).

Prisma II / Prisma Ruggedized /
Prisma Media / ARCB controller board
+ Ambient light sensor connected to CN 14
+ Software

The ambient light sensor will automatically adjust the CCFL tubes to the luminance necessary for a perfect picture. An intelligent algorithm guarantees a smooth and continuous regulation of the display's backlight, meaning that you will not notice the adjustment of the brightness, because the relation of the panel's brightness to the ambient lighting conditions remains the same. Of course this algorithm is customizable for projects!



Your benefits:

green IT



- Lower power consumption is environmentally sound
- Energy costs are reduced
- A consistently ideal luminance setting is much easier on the eyes. Constantly adjusting the brightness on a display can cause eyestrain and may lead to more serious eye problems over time.
- enhancement of CCFL-lifetime



Potential cost savings with the Prisma Ambient Light Sensor (used in conjunction with Samsung DID panels)

Samsung DID panel	average power consumption p.a. (kwh)			average energy costs p.a. (0.15 EUR per kwh)		cost savings p.a. with Prisma ALS, assuming 50% non-sunshine conditions (clouds, darkness, fog etc.)	price for adding Ambient Light Sensor to Prisma board	approx. payback period (months)
	with ALS (1)	without ALS (2)	highest possible (3)	with ALS	without ALS			
LTI320AA02	452	721	902	67,80 €	108,15 €	40,35 €	40 €	12
LTI400HA01 / -HA03	1000	1490	2234	150,00 €	223,50 €	73,50 €	80 €	12
LTI460HA01 / -HA03 (Black Bezel)	1310	2100	2596	196,50 €	315,00 €	118,50 €	120 €	12
LTI460AA03-001 (BB, 1500cd)	1730	2660	3857	259,50 €	399,00 €	139,50 €	150 €	12
LTI520HB01-001	1550	2640	3315	232,50 €	396,00 €	163,50 €	170 €	12
LTI700HD01-001	4610	5860	9631	691,50 €	879,00 €	187,50 €	190 €	12
LTI700HD02 (2000cd)	10248	12947	15155	1.537,20 €	1.942,05 €	404,85 €	400 €	12
LTI820HT-L01	5210	7410	9644	781,50 €	1.111,50 €	330,00 €	340 €	12

(1) avg. consumption per year

(2) typical values measured in lab

(3) according to max. values of Samsung spec.



DATA DISPLAY GROUP

Our company network supports you worldwide with offices in Germany, Turkey, Great Britain and the USA. For more information please contact:



DISTEC GmbH

Distec GmbH

Augsburger Str. 2b
82110 Germering
Germany

Phone: +49 (0)89 / 89 43 63-0
Fax: +49 (0)89 / 89 43 63-131
E-Mail: info@distec.de
Internet: www.distec.de



DATA DISPLAY TEKNOLOJİ

Data Display Teknoloji Elektronik San Ve Dış Tic A.Ş.

Kustepe Leylak Sok.
Nursanlar Is Merkezi
Kat. 6 No: 21
Sisli / Istanbul
Turkey

Phone: +90 (0)212 / 356 04 20
Fax: +90 (0)212 / 356 04 25
E-Mail: info@datadisplay.com.tr
Internet: www.datadisplay.com.tr



DISPLAY TECHNOLOGY

Display Technology Ltd.

A2 Spectrum Business Centre
Anthonys Way, Medway City Estate
Rochester, Kent, ME2 4NP
United Kingdom

Phone: + 44 (0)1634 / 29 55 55
Fax: + 44 (0)1634 / 29 55 43
E-Mail: info@displaytechnology.co.uk
Internet: www.displaytechnology.co.uk



**Apollo
Display
Technologies**

A Data Display Company

Apollo Display Technologies, Corp.

85 Remington Blvd.
Ronkonkoma, NY 11779
United States of America

Phone: +1 631 / 580-43 60
Fax: +1 631 / 580-43 70
E-Mail: info@apollodisplays.com
Internet: www.apollodisplays.com
