

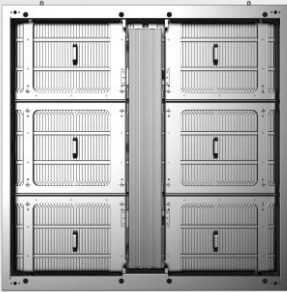
# LSRSO SERIES LED PANEL

LSRS2.90 LRS3.90 LRS4.80 LRS5.70 LRS60 LRS80 LRS100

## DESIGNED FOR HIGH-TEM & EXTREMELY COLD AREAS

LSRSO series LED panels are designed based on LSRS series adopted with Nationstar lamps for high-tem & extremely cold areas with fanless, NON-AC.

### FEATURES



Weight: 28 kg/cabinet



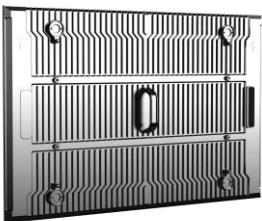
cabinet size:960x960mm

- ◆ Light weight aluminum cabinet design
- ◆ High temperature resistance <70°C Max
- ◆ IP68 for front side and IP65 for rear side
- ◆ High brightness up to 10000cd/m<sup>2</sup>
- ◆ Average power consumption is 200W/sqm
- ◆ Hub connection & wireless design
- ◆ Strengthened 2mm thickness aluminum board against deformation

### PRODUCT IMAGE



### MODULE & CABINET DESIGN



- 2mm thickness aluminum board
- Sealed module design



- Triple cap mask design
- Reinforcing design
- Specified PC material adopted for UV proof



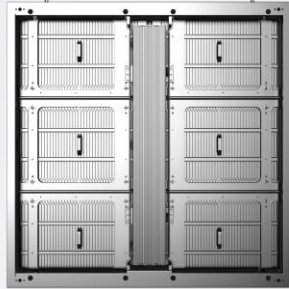
- Customized aluminum protective box
- Special silicone material power cable

# LSRSO SERIES LED PANEL

## OTHER FEATURES



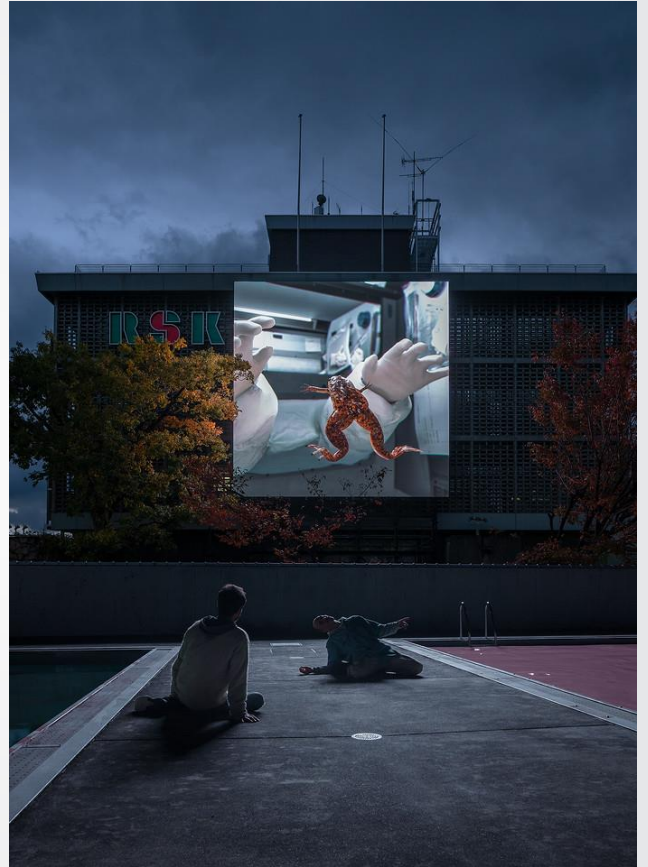
Hub connection & wireless design  
@Tidy and reliability



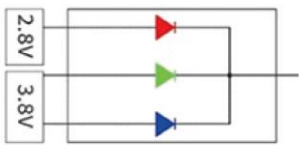
Front or rear maintenance design  
@Easier installation



@Higher contrast ratio



## MODULE & CABINET DESIGN



Common Cathode Aluminum LED Display

Common cathode design  
20%~30% energy saving



CE CB approved



Customized cabinet with 45° angle

# TECHNICAL PARAMETERS

Parameter	LSRS2.90	LSRS3.90	LSRS4.80	LSRS5.70	LSRS60	LSRS80	LSRS100
Pixel Configuration	SMD1921	SMD1921	SMD1921	SMD 2727	SMD 2727	SMD 3535	SMD 3535
Pixel Pitch (mm)	2.97	3.91	4.8	5.7	6.67	8	10
Module size(mm) (W×H×D)	250X250X21mm	500x250 x21mm	500x250 x21mm	480 x320 x23.5mm	480 x320 x23.5mm	480 x320 x23.5mm	480 x320 x23.5mm
Module resolution (W×H)	84x84	128 X 64	104 X 52	84 X 56	72 X 48	60 X 40	48 X 32
Module weight(kg/module)	0.95	1.9	1.9	2.5	2.5	2.5	2.5
Cabinet Size (mm) (W×H×D)	500x1000x96.7	500 x 1000 x 96.7	500 x 1000 x 96.7	960 x 960 x 101.2	960 x 960 x 101.2	960 x 960 x 101.2	960 x 960 x 101.2
Cabinet resolution (W×H)	168x336	128x256	104 X 208	168 X 168	144 X 144	120 X 120	96 X 96
Cabinet area (m <sup>2</sup> )	0.5	0.5	0.5	0.92	0.92	0.92	0.92
Weight (kg/sqm)	35	35	35	35	35	35	35
Color Temperature	6500~9500K	6500~9500K	6500~9500K	6500~9500K	6500~9500K	6500~9500K	6500~9500K
Gray scale	14 bit	14 bit	14 bit	14 bit	14 bit	14 bit	14 bit
Drive method	1/16 scan	1/16 scan	1/13 scan	1/7 scan	1/6 scan	1/3 scan	1/2 scan
Brightness (nits)	≥4000(goldwire)	≥5500(goldwire)	≥5500(goldwire)	≥7500(goldwire)	≥9000(goldwire)	≥10000(goldwire)	≥10000(goldwire)
Viewing Angle (Horizontal/Vertical °)	160/140	160/140	160/140	160/140	160/140	160/140	160/140
Contrast Ratio	4000:1	4000:1	4000:1	4000:1	4000:1	4000:1	4000:1
Max Power Consumption/m <sup>2</sup> )	800W	800W	760W	660W	600W	600W	600W
Avg Power Consumption (W/m <sup>2</sup> )	260W	260W	250W	220W	200W	200W	200W
Power Supply	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)	AC100~240V (50/60Hz)
Refresh Rate (Hz)	>3840 (gold wire)	>3840 (gold wire)	>3840 (gold wire)	>3840 (gold wire)	>3840 (gold wire)	>3840 (gold wire)	>3840 (gold wire)
Lifetime (hrs)	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Operation Temperature Range (°C)	-30 -- 60	-30 -- 60	-30 -- 60	-30 -- 60	-30 -- 60	-30 -- 60	-30 -- 60
Operation Humidity Range (RH)	10 -- 95%	10 -- 95%	10 -- 95%	10 -- 95%	10 -- 95%	10 -- 95%	10 -- 95%
IP rating (F/R)	IP68/IP65	IP68/IP65	IP68/IP65	IP68/IP65	IP68/IP65	IP68/IP65	IP68/IP65
Service	(F/R)	(F/R)	(F/R)	(F/R)	(F/R)	(F/R)	(F/R)

Remark: Above data is subject to change without previous notice



Linso Culture & Technology (Shanghai) Co., Ltd

ADD:NO955, Jiamei Road, Nanxiang Town, Jiading District, Shanghai, 201802, China.

Tel:+86-21-69927037 Fax: +86-21-69927035

Email:sale@linso.com.cn

Website:www.linso.cc



# CASE STUDY



Linso Culture & Technology (Shanghai) Co., Ltd  
 ADD: NO955, Jiamei Road, Nanxiang Town, Jiading District, Shanghai, 201802, China.  
 Tel: +86-21-69927037 Fax: +86-21-69927035  
 Email: sale@linso.com.cn  
 Website: www.linso.cc