

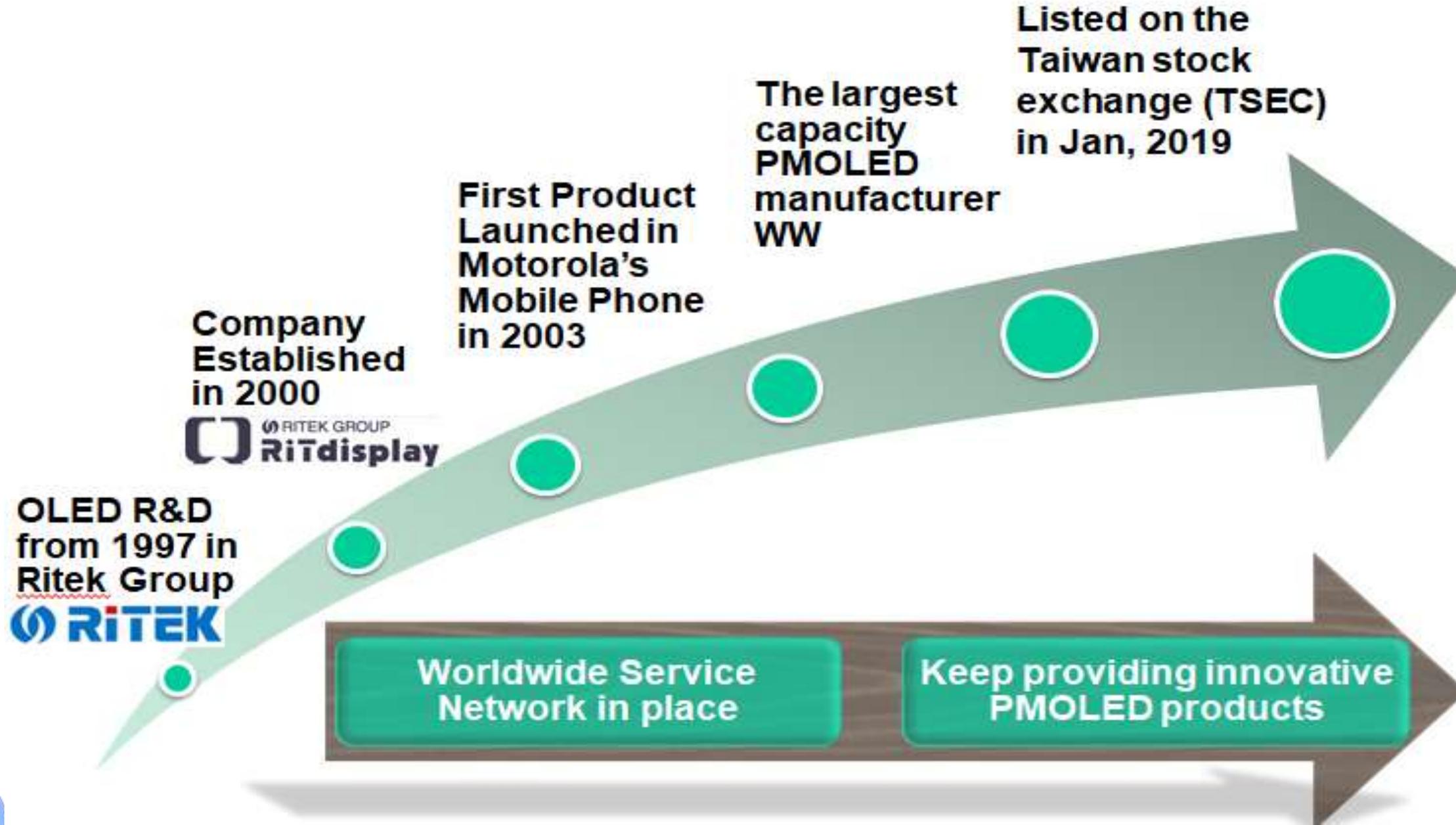
# RiTdisplay Corporation



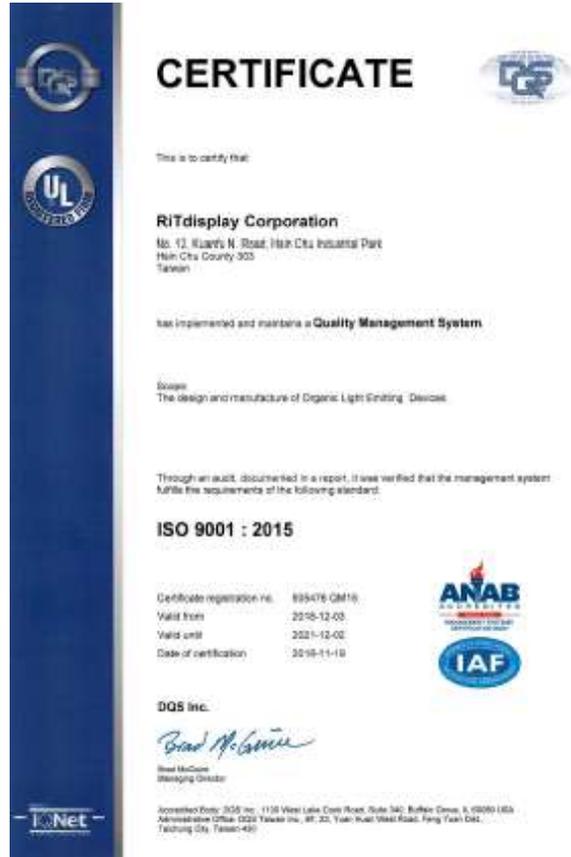
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2022

# Milestone



# Certification



- ISO 9001, 14001, and 45001 certificated
- All products RoHS3 , REACH materials compliance
- DRC Conflict-Free

# Manufacturing Locations



»Kunshan HUTEK ---  
Backend Process

»ShenZhen  
»Plant A & Plant B  
»Backend Process

»Hsinchu Industrial Park  
»RiTdisplay---Headquarter &  
Front end Process

# Capacity

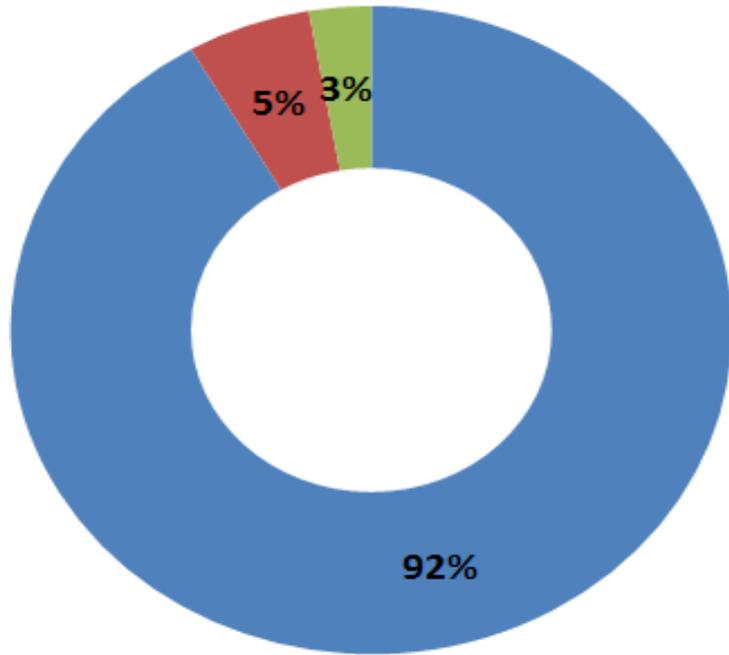
- Panel: 370x470(mm) 5 Lines, 25,000 sheets/month
  - World largest PMOLED capacity
  - Cluster-type line → Stable & Flexible Production



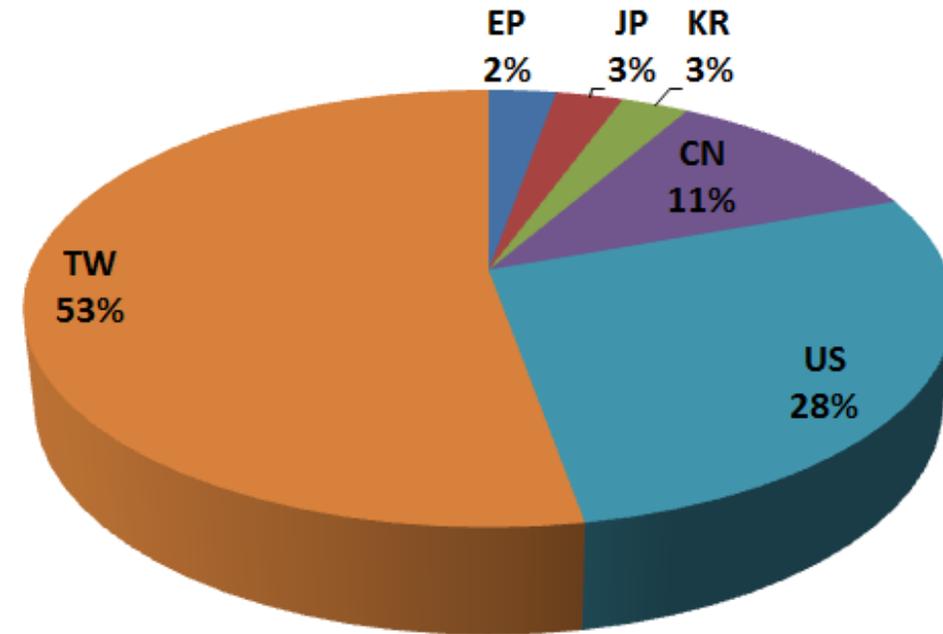
# Patent Portfolio

RiTdisplay OLED Patent Deployment: filed 36 Patents

■ Device ■ Material ■ Process/Method



Patents by country



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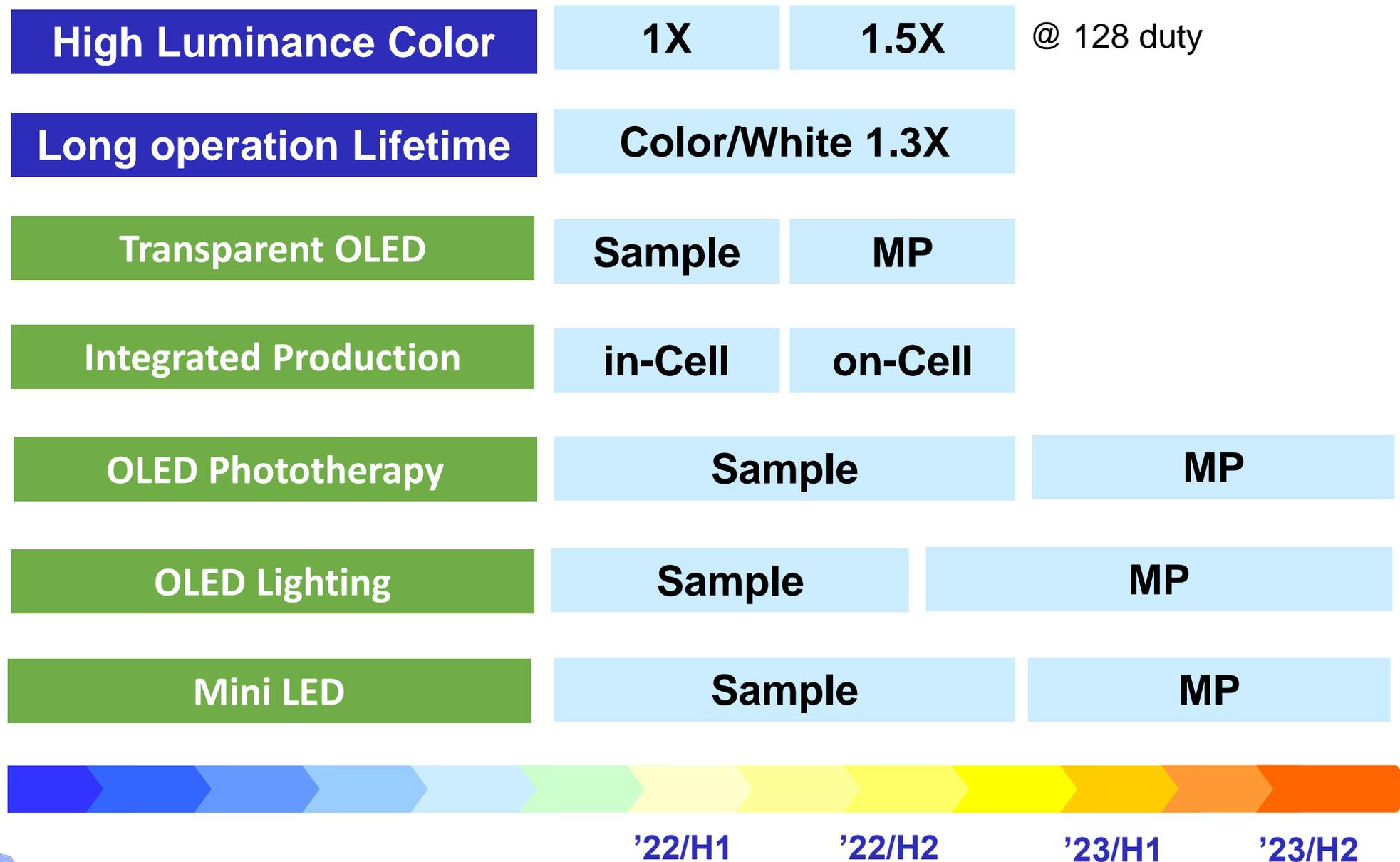


&

*Pioneer*

→ All products protected by the patent portfolio.

# Technical Roadmap



# Color OLED Device Performance Improvement

## Mechanical Dimension

P/N	O/D [mm]	A/A size	Resolution	PPI
P432	8.7x25.5	0.76"	28x3x95	131
P434	39.7x38.7	1.91"	176x3x176	130
P435	14.9x28.4	0.96"	64x3x128	150
P436	24.0x20.5	0.95"	96x3x64	121

## Electrical Characteristic & Lifetime Performance

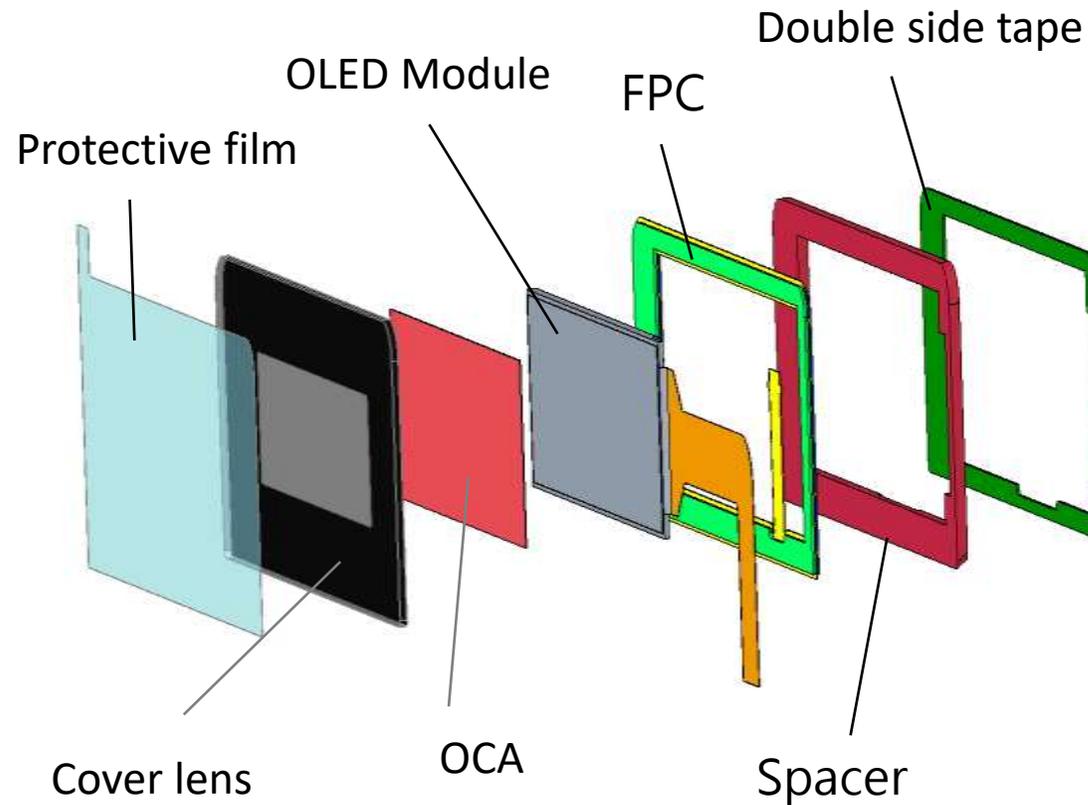
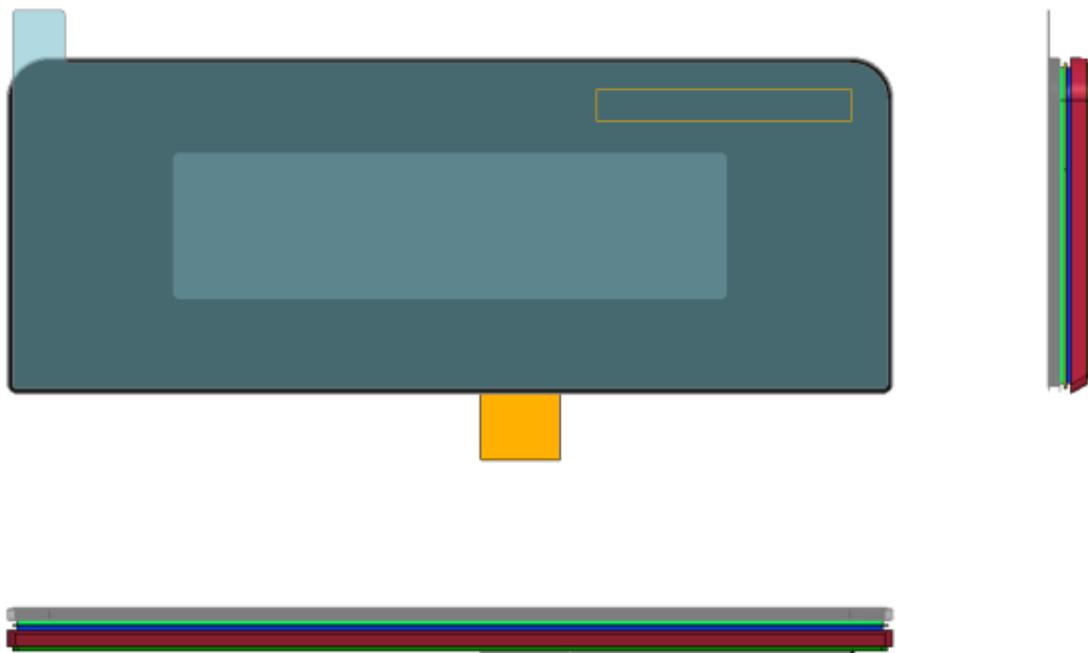
Project	Vcc [V]	Power consumption [mW]	Brightness [nits]		Lifetime [hr]	
			Current	New*	Current	New*
P432	15.0	90	100	120	15,000	19,500 (@ 100nits)
P434	17.0	986	70	90	16,500	21,500 (@ 70nits)
P435	15.0	210	100	120	16,000	20,800 (@ 100nits)
P436	13.5	189	120	140	22,000	28,000 (@ 120nits)

\* Up to date

# Transparent OLED

Items	ICON	RiTdisplay
Model	P41601	P45901
		
Total panel resolution	89 ICON	128*64
Size	0.30 inch	1.54 inch
Display color	R	B
Transparent @ 550nm	> 60%	> 60 %

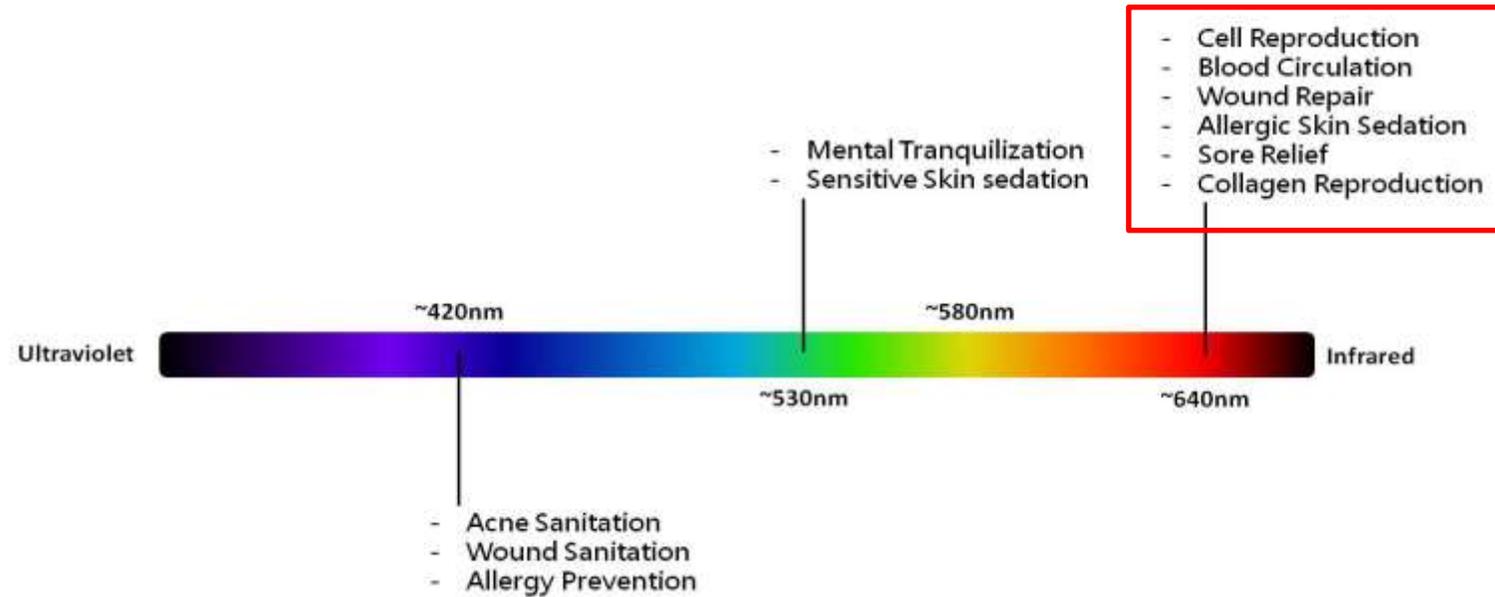
# Integrated Production



# OLED Phototherapy

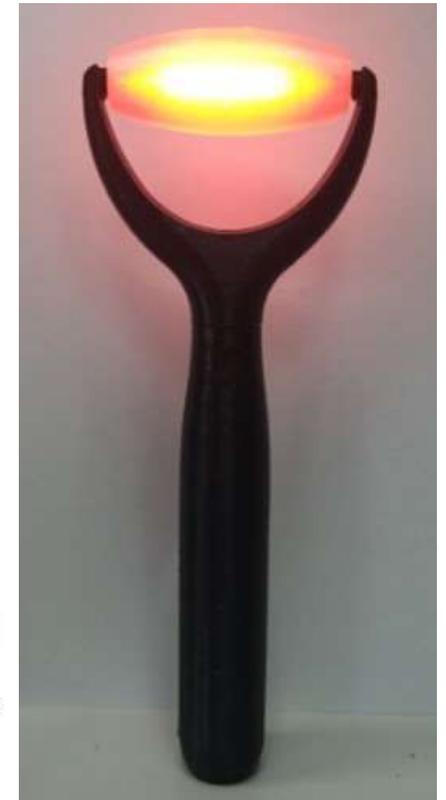
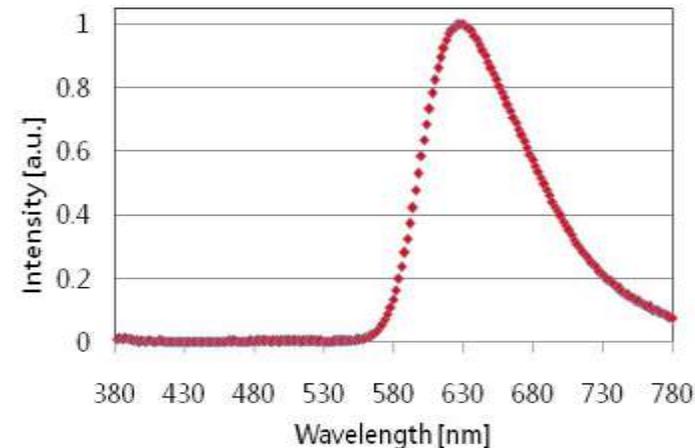
Phototherapy is the act of applying light onto human skin to achieve a form of healing / repair

Visible light is the spectrum which a human eye can see; ranges between wavelengths of 400 - 700nm



■ Red Light Therapy (RLT) is most effective in the ranges between 630nm and 650nm.

■ RiTdisplay's proprietary OLED Lighting device is capable of producing lights within the range previously mentioned for RLT benefits.



# OLED lighting



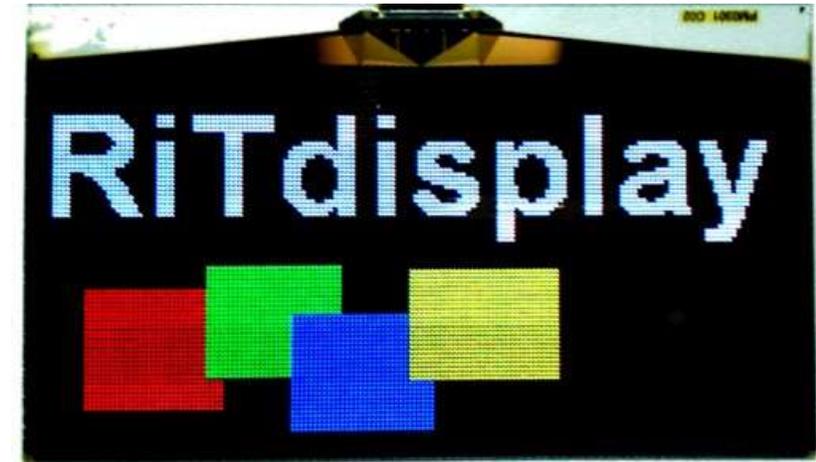
# Mini LED Display



Resolution: 256\*64

Size: 3.2"

Pitch: 300um



Resolution: 176\*3\*88

Size: 4.84"

Pitch: 625um

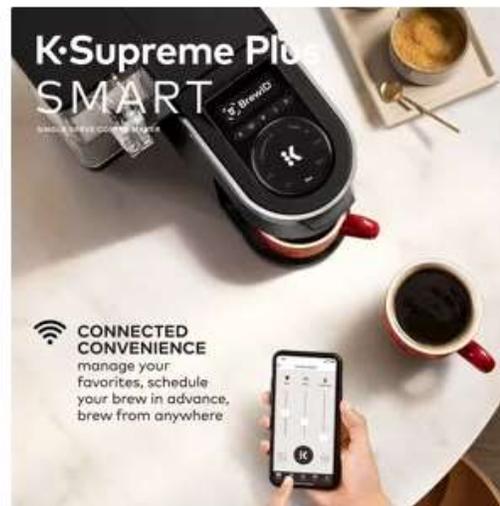
## Key Features:

- ◆ **Borderless design:** Capable to cascade for bigger display
- ◆ **Better resolution:** Simplified layout on glass substrate to replacing complicated PCB design
- ◆ **High durability:** Inorganic device

# Applications: e-Automotive



# Applications: Home Appliance



# Applications: Home Intelligence



# Applications: Healthcare



**Full-Color Display**  
Provides informative prompts to help patients administer their medication.

**Multifunction Button**  
Includes just 1 button for all important device actions (ie, power, start, pause).

**Internal Battery**  
Offers all-day cordless use after 8-hour overnight charging via wall plug.



# Applications: Audio



# Applications: Netcom



# Applications: Gaming & Industrial



# Applications: Wearable



# Applications: Banking



# Thank you !

