

The Philips logo is displayed in a bold, blue, sans-serif font. It is positioned within a white rectangular area that has a slight shadow, giving it a three-dimensional appearance. The background of the entire slide is a vibrant, abstract image of vertical light bars in various colors (blue, purple, orange, red) with a pixelated or digital texture, suggesting a high-tech or stage environment.

PHILIPS

Professional Display Solutions

2025

dvLED display solutions

Captivate your audience



Engage your audience with unforgettable visual experiences. Philips' advanced LED display solutions combine innovation, quality, versatility, and power for maximum impact.

With seamless connectivity, various sizes, curvature options, and indoor/outdoor displays, we help you design breathtaking visuals in any shape. Discover more today.

Make an impact
in any setting

Contents

2	LED display solutions
4	dvLED technology for the future
5	Comparing LED technologies
6/9	Philips LED product matrix Public LED 5000 and 7000 Series Unite LED 5000, 6000, 7000 and 9000 Series Urban LED 6000 and 7000 Series
10/15	Public LED overview 5000 and 7000 Series
16/17	Unite LED overview 5000 Series (Panel)
18/21	Unite LED overview 6000 and 9000 Series
22/23	Unite LED overview 5000 Series All in One
24/25	Unite LED overview 7000 Series (Easy Mount Display)
26/29	Urban LED overview 6000 and 7000 Series
30/31	Success stories
32	Pixel pitch explained





dvLED technology for the future

Our dvLED options provide unparalleled picture quality, exceptional brightness, and powerful configurations that captivate audiences. Robust, flexible, and reliable, they are the ultimate solution for immersive viewing, ensuring maximum impact and easy installation for any need.

Philips Public LED **Indoor**

Retail, Corporate, Public Spaces

Fixed installations in public indoor spaces.
Metric sizing. Front service. Pixel pitches <P4.0

Philips Unite LED **Indoor**

Retail, Corporate, Education, Public Spaces

A flexible range including All In One and modular options for indoor areas where 16:9, 21:9 and 32:9 aspect ratios are key.
Fine pixel pitches <P2.0

Philips Urban LED **Outdoor**

Digital Out of Home, Sports

Ideal for outdoor settings, designed with high brightness and refresh rates. Aviation connectors and power and data cables.
Pixel pitches >P10

Comparison of LED

Technology you can trust

In the evolving world of display technology, Philips LED solutions stand out for their exceptional quality and performance. This comparison highlights the key features of Philips LEDs, showcasing their superior colour accuracy, durability, and energy efficiency for a remarkable viewing experience.

Philips Public LED **Indoor**

5000 Series – SMD

7000 Series – SMD

Philips Unite LED **Indoor**

5000 Series Panel – COB

6000 Series – SMD

9000 Series – SMD

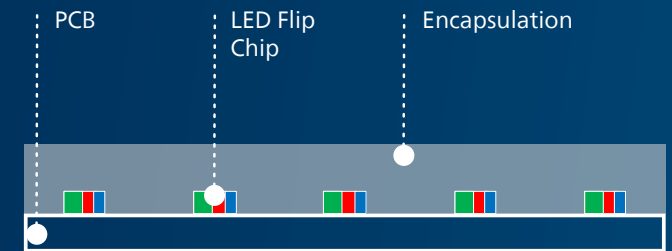
5000 Series AIO – HOB

7000 Series Easy Mount – QCOB

Philips Urban LED **Outdoor**

6000 Series – SMD

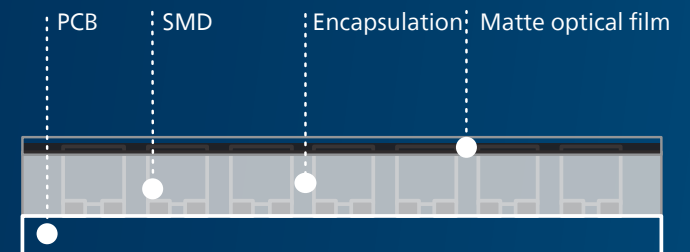
7000 Series – SMD



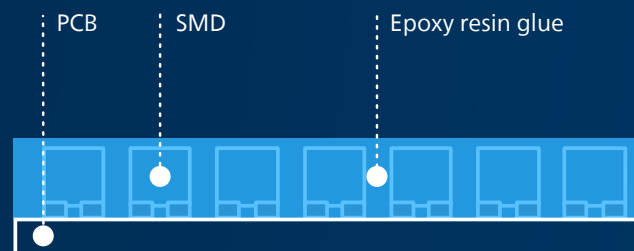
Chip on Board (COB)



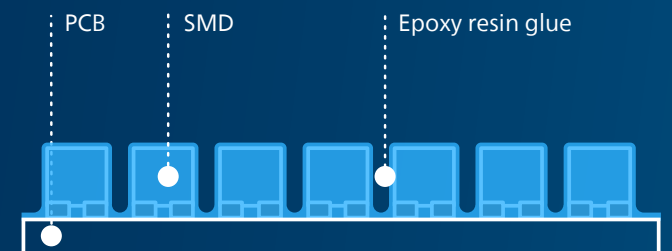
Surface Mounted Devices (SMD)



Quality Coating on Board (QCOB)



Glue on Board (GOB)



Hotmelt on Board (HOB)

Philips LED product matrix

Philips Public LED Indoor	Denominator
<u>5000 Series</u>	Entry level
<u>7000 Series</u>	Standard and High Brightness
Philips Unite LED Indoor	Denominator
<u>5000 Series</u>	All In One
<u>5000 Series</u>	Panel
<u>6000 Series</u>	
<u>7000 Series</u>	Easy Mount Display
<u>9000 Series</u>	
Philips Urban LED Outdoor	Denominator
<u>6000 Series</u>	
<u>7000 Series</u>	Small pitch panel

Philips LED product matrix

Philips Public LED Indoor	Denominator	Positioning	Panel/Display size (Diagonal/Dimensions)	Pixel pitch (mm)	Brightness (nits)	Aspect ratio	Key vertical
5000 Series	Entry level	Smart indoor Public Spaces LED solution for larger surfaces	28" / 500 x 500 mm 44" / 500 x 1000mm	1.9, 2.5, 3.9	500 (max)	28" = 1:1 44" = 1:2	Retail Corporate Public Spaces
7000 Series	Standard and High brightness	Flexible size & form LED solution that fits any space offering in standard and high brightness	22" / 500 x 250 mm 31" / 750 x 250 mm 41" / 1000 x 250 mm	SB = 1.9, 2.4, 3.1 HB = 2.4, 3.1, 3.9	Standard = 1,200 High brightness = 3,500	22" = 2:1 31" = 3:1 41" = 4:1	
Philips Unite LED Indoor	Denominator	Positioning	Panel/Display size (Diagonal/Dimensions)	Pixel pitch (mm)	Brightness (nits)	Aspect ratio	Key vertical
5000 Series	Panel	Investment-friendly indoor LED solution delivering quality imagery and energy efficiency	27.1" / 600 x 337.5mm	0.78, 0.93, 1.2 1.5, 1.8	600	16:9	Retail Corporate Education Public Spaces
6000 Series	Panel	True value 16:9 LED solution extending to every industry	27.5" / 608 x 342mm	1.2, 1.5, 1.9	750	16:9	
9000 Series	Modules	Premium 16:9 LED solution with EMC Class B certification	27.5" / 608 x 342mm	1.2, 1.5, 1.9	800	16:9	
5000 Series	All In One	Superior visual quality with a premium All In One LED solutions	135" diagonal	1.5	600	16:9	
7000 Series	Easy Mount Display	110" LCD videowall replacement	110" diagonal	1.25	600	16:9	

Philips LED product matrix



Philips Urban LED Outdoor	Model	Panel/Display size (Diagonal/Dimensions)	Pixel pitch (mm)	Wire type	Brightness (nits)	Key vertical
<u>6000 Series</u>	47HUL6410DP/00	800 mm x 900mm	10 mm	Copper Wire SMD	6.000	Digital Out of Home, Sports
	57HUL6410DP/00	800 mx x 1200 mm				
	67HUL6410DP/00	1200 mm x 1200mm				
	47HUL6483DP/00	800 mm x 900mm	8.3 mm			
	57HUL6483DP/00	800 mx x 1200 mm				
	67HUL6483DP/00	1200 mm x 1200mm				
	47HUL6467DP/00	800 mm x 900mm	6.7 mm			
	57HUL6467DP/00	800 mx x 1200 mm				
	67HUL6467DP/00	1200 mm x 1200mm				
	47HUL6510DP/00	800 mm x 900mm	10 mm	Gold Wire SMD	10.000	
	57HUL6510DP/00	800 mx x 1200 mm				
	67HUL6510DP/00	1200 mm x 1200mm				
	47HUL6583DP/00	800 mm x 900mm	8.3 mm			
	57HUL6583DP/00	800 mx x 1200 mm				
	67HUL6583DP/00	1200 mm x 1200mm				
	47HUL6567DP/00	800 mm x 900mm	6.7 mm			
	57HUL6567DP/00	800 mx x 1200 mm				
	67HUL6567DP/00	1200 mm x 1200mm				

Philips LED product matrix



Philips Urban LED Outdoor	Model	Panel/Display size (Diagonal/Dimensions)	Pixel pitch (mm)	Wire type	Brightness (nits)	Key vertical
7000 Series	28HUL7029DP/00	28" 500 x 500mm	2.9	Copper wire	4000	Digital Out of Home Sports
	28HUL7039DP/00		3.9		5000	
	28HUL7048DP/00		4.8		5000	
	44HUL7029DP/00	44" 500 x 1000mm	2.9	Copper wire	4000	
	44HUL7039DP/00		4.8		5000	
	44HUL7048DP/00		4.8		5000	
	28HUL7129DP/00	28" 500 x 500mm	2.9	Gold wire	5000	
	28HUL7139DP/00		3.9		7000	
	28HUL7148DP/00		4.8		7000	
	44HUL7129DP/00	44" 500 x 1000mm	2.9	Gold wire	5000	
	44HUL7139DP/00		3.9		7000	
	44HUL7148DP/00		4.8		7000	





Public LED Indoor

Public 5000 Series

Entry level

Elevate your visual journey

The Public 5000 Series allows you to create unique LED displays that enhance audience engagement. With seamless connectivity, various sizes, and customisable curvature, you'll deliver captivating visuals. The advanced technology ensures crystal-clear content, colour accuracy, smooth images, and over 97% brightness uniformity. Plus, it features built-in power saving options, easy wall mounting, and accessible internal electronics for stress-free maintenance.

Philips Public LED Indoor

5000 Series

Entry level



28"

With seamless connectivity, various sizing options and customisable curvature, the Public 5000 Series creates a breathtaking display.



44"

Product details	28HDL5019PP	28HDL5025PP	28HDL5039PP
Cabinet diagonal	28	28	28
Pixel pitch (mm)	1.9	2.5	3.9
Cabinet dimensions (W/H/D) in (mm)	500 x 500 x 40		
Module dimensions (mm)	250 x 250		
Modules per cabinets	4 modules		
Panel resolution (px)	256 x 256	200 x 200	128 x 128
Area size (m ²)	0.25		
Weight (kg)	6.3		
Brightness (nit)	500		
Control system	NovaStar		
Refresh rate (Hz)	1920 - 3840		
Power consumption max. (w/m ²)	340 AC	300 AC	220 AC
Power consumption typ. (w/screen)	120 AC	100 AC	80 AC

Product details	44HDL5019PP	44HDL5025PP	44HDL5039PP
Cabinet diagonal	44	44	44
Pixel pitch (mm)	1.9	2.5	3.9
Cabinet dimensions (W/H/D) in (mm)	500 x 1000 x 40		
Module dimensions (mm)	250 x 250		
Modules per cabinets	8 modules		
Panel resolution (px)	256 x 512	200 x 400	128 x 256
Area size (m ²)	0.5		
Weight (kg)	12.6		
Brightness (nit)	500		
Control system	NovaStar		
Refresh rate (Hz)	1920 - 3840		
Power consumption max. (w/m ²)	340 AC	300 AC	220 AC
Power consumption typ. (w/screen)	120 AC	100 AC	80 AC



Public LED Indoor

Public 7000 Series

Standard brightness

Unleash your imagination

Consider the Public 7000 Series for next-level performance. Seamless linking, bevelled corners, and multiple sizes let you create unique displays. The modular design adapts to any space, whether vast display walls or intricate patterns. Quick installation and easy maintenance have both been designed in, along with Active Health Monitoring and a moisture-resistant coating, all while delivering Philips' renowned picture quality.

Philips Public LED **Indoor**

7000 Series

Standard brightness



22"



31"



41"

Product details	22BDL7xxxL	31BDL7xxxL	41BDL7xxxL
Cabinet diagonal (inches)	22	31	41
Pixel pitch (mm)	1.9	2.4 (also available in 1.9, 3.1 and HB 2.4/3.1/3.9)	3.1
Cabinet dimensions (W/H/D) in (mm)	500 x 250 x 40	750 x 250 x 40	1000 x 250 x 40
Module dimensions (mm)	250 x 250		
Modules per cabinets	2 modules	3 modules	4 modules
Panel resolution (px)	208 x 104	312 x 104	416 x 104
Area size (m²)	0.125	0.1875	0.25
Weight (kg)	3.40Kg (± 170g)	4.76Kg (± 240g)	6.19Kg (± 310g)
Brightness (nits)	≥1200	≥1200	≥1200
Control system	NovaStar		
Refresh rate (Hz)	3900		
Power consumption max. (w/m²) AC	520	510	500
Power consumption typ. (w/screen) AC	<21.67	<31.67	<41.67
Edge finishing kit (EFK)	EFK7001/00	EFK7002/00	EFK7003/00
	EFK7004/00, EFK7005/00, EFK7006/00, EFK7007/00, EFK7008/00, EFK7009/00		





Public LED Indoor

Public 7000 Series

High brightness

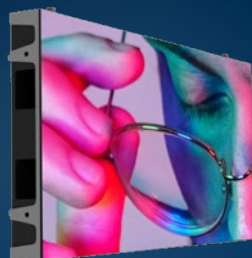
Embrace infinite possibilities

Experience the Public 7000 Series with high brightness and advanced picture technology for true-to-life visuals. Create unique displays with seamless connectivity, multiple sizes, and curvature. Energy efficient, reliable, and thoroughly tested, this series boasts quick installation due to factory calibration and simple maintenance through Active Health Monitoring.

Philips Public LED **Indoor**

7000 Series

High brightness



22"



31"



41"

Product details	22BDL7xxxL	31BDL7xxxL	41BDL7xxxL
Cabinet diagonal (inches)	22	31	41
Pixel pitch (mm)	2.4	3.1	3.9
Cabinet dimensions (W/H/D) in (mm)	Unlimited	Unlimited	Unlimited
Module dimensions (mm)	250 x 250		
Modules per cabinets	2 modules	3 modules	4 modules
Panel resolution (px)	208 x 104	312 x 104	416 x 104
Area size (m²)	0.125	0.1875	0.25
Weight (kg)	3.4	4.8	6.25
Brightness AC (nit)	2500	2500	2500
Control system	NovaStar		
Refresh rate (Hz)	3900		
Power consumption max. (w/m²) AC	680	615	600
Power consumption typ. (w/screen) AC	NA	NA	NA
Edge finishing kit (EFK)	EFK7001/00	EFK7002/00	EFK7003/00
	EFK7004/00, EFK7005/00, EFK7006/00, EFK7007/00, EFK7008/00, EFK7009/00		





Unite LED Indoor

Unite 5000 Series Panel

High quality, stylish, energy efficient displays

Philips LED Unite 5000 Series Panels are the go to for quality and style. These investment-friendly Flip Chip COB panels provide high resolution, reliability, and efficiency. Experience crystal-clear content with vibrant colours, supporting up to 12-bit colours and HDR10+ while maintaining energy efficiency. The stylish design features a rolling ripple cabinet back and pre-wired cable management, plus standard three-year warranties.

Philips Unite LED Indoor

5000 Series

Panel

Quick to install, these panels deliver crystal-clear visuals with exceptional brightness.



27"

Product details	27HDL5178IP/00	27HDL5193IP/00	27HDL5112IP/00	27HDL5115IP/00	27HDL5118IP/00
Cabinet diagonal (inches)	27	27	27	27	27
Pixel pitch (mm)	0.78	0.93	1.25	1.56	1.87
Cabinet dimensions (W/H/D) in (mm)	600 x 337.5 x 33.6	600 x 337.5 x 33.6	600 x 337.5 x 33.6	600 x 337.5 x 33.6	600 x 337.5 x 33.6
Module dimensions (mm)	150 x 168.75				
Modules per cabinets	8 modules				
Panel resolution (px)	768 x 432	640 x 360	480 x 270	384 x 216	320 x 180
Area size (m²)	0.2025	0.2025	0.2025	0.2025	0.2025
Weight (kg)	4.7				
Brightness (nit)	600				
Control system	NovaStar				
Refresh rate (Hz)	1920-3840				
Power consumption max. (w/m²) AC	75	71	61	58	95
Power consumption typ. (w/m²) AC	22	20	18	19	19
Edge finishing kit (EFK)	EFK2750/00 Edge finish 27HDL5xxxIP H-panel length 2pcs EFK2751/00 Edge finish 27HDL5xxxIP V-panel length 2pcs EFK2752/00 Edge finish 27HDL5xxxIP corner kit				

The LED panels have pre-wired power cables for loop through within the columns. Power cable CRD20039/00 (USA use /17, UK use /05) is the power cable to wire from bottom (or back) to wall outlet. Columns can be connected with optional loop through cables (CRD20038/00 Male-to-Male for bottom and CRD20037/00 Female-to-Female for top side loop through).



Unite LED Indoor

Unite 6000 Series **Infinite versatility**

Make a statement with the Philips Unite 6000 Series. Offering spectacular picture quality, you can engage and inspire with vivid colours and smooth images.

Create bezel-free videowalls by connecting multiple LED display cabinets, and customise visuals around doorways. Enjoy wide viewing angles and create resolutions from 4K to 8K or higher. Power-saving features ensure simple set up and maintenance with accessible internal electronics.

Philips Unite LED Indoor

6000 Series

Infinite versatility

Engage and inspire your audience with spectacular visuals in innovative ways.



27"

Product details	27BDL6112L/00	27BDL6115L/00	27BDL6119L/00
Cabinet diagonal (inches)	27.5	27.5	27.5
Pixel pitch (mm)	1.2	1.5	1.9
Cabinet dimensions (W/H/D) in (mm)	608 x 342 x 59		
Module dimensions (mm)	304 x 171		
Modules per cabinets	4 modules		
Panel resolution (px)	480 x 270	384 x 216	320 x 180
Area size (m²)	0.208	0.208	0.208
Weight (kg)	5.9	5.9	5.9
Brightness (nit)	750		
Control system	NovaStar		
Refresh rate (Hz)	1.920 - 3.840	1.920 - 3.840	1.920 - 3.840
Power consumption max. (w/m²) AC	808	597	366
Power consumption typ. (w/screen) AC	970	1.125	980
Edge finishing kit (EFK)	EFK2701/00	EFK2702/00	EFK2703/00





Unite LED Indoor

Unite 9000 Series

Enhance your presentations with the Philips 9000 Series direct view LED display. Enjoy stunning whites, rich blacks, vibrant colours, and exceptional contrast that bring your content to life.

Built for durability, this display minimises interference for a smooth experience. It comes with a 2-year warranty for copper wire versions and a 3-year warranty for gold wire models, providing added reassurance and expert support every step of the way.

Philips Unite LED Indoor

9000 Series

Your masterpiece display for corporate content and business results.



27"

Product details	27BDL9015L	27BDL9112L	27BDL9115L	27BDL9119L
Cabinet diagonal (inches)	27.5	27.5	27.5	27.5
Pixel pitch (mm)	1.56	1.26	1.56	1.9
Diode type	SMD Copper Wire	SMD Gold Wire		
Cabinet dimensions (W/H/D) in (mm)	608 x 342 x 55			
Module dimensions (mm)	304 x 171			
Modules per cabinets	4 modules			
Panel resolution (px)	96 x 108	480 x 270	384 x 216	320 x 180
Area size (m²)	0.2079			
Weight (kg)	7.5			
Brightness (nit)	800			
Control system	NovaStar			
Refresh rate (Hz)	1920 - 3840			
Power consumption max. (w/m²)	160 AC			
Power consumption typ. (w/screen)	54 AC			
Edge finishing kit (EFK)	EFK2791/00, EFK2792/00, EFK2793/00, EFK2794/00, EFK2795/00			

Unite LED Indoor

Unite 5000 Series

All In One

Introducing the ultimate solution for presentations. Perfect for meeting rooms or auditoriums, this series engages with vivid colours and deep contrasts for an ideal viewing experience.

The full HD, energy efficient display ensures crisp images across various content types, even up close. Installation is quick, with everything pre-configured in one box, including wall mounting brackets. Powered by Android with seamless WiFi/Bluetooth connectivity, user experience is prioritised.



Philips Unite LED Indoor

5000 Series

All In One

A reliable solution for meeting rooms or auditoriums that keeps your audience focused and engaged.



135"

Product details	135HDL5015IA/00
Display diagonal (inches)	135
Pixel pitch (mm)	1.5
Display dimensions (W/H/D) in (mm)	3015 x 1760 x 93
Resolution (px)	1.920 x 1.080 FHD
Area size (m²)	5.3
Weight (kg)	190 wall mounted 250 free standing trolley
Brightness (nit)	600
Control system	NovaStar
Refresh rate (Hz)	3840
Remote control	Included
Power consumption max. (w/screen) AC	2321.4
Power consumption typ. (w/screen) AC	816*
Edge finishing kit (EFK)	Included



* Standby power mode <0.5W



Unite LED Indoor

Unite 7000 Series

Easy Mount Display

Greater viewing experience

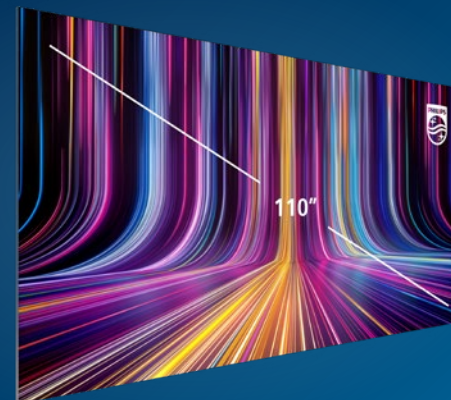
This innovative setup consists of four 55" panels that create a full HD display, replacing a 2x2 traditional LCD videowall without configuration. For larger areas, daisy chaining by HDMI allows for easy expansion. The energy efficient technology provides optimal viewing angles, exceptional brightness, and uniform colour calibration. Pre-configured with an HDMI modular interface, installation takes less than an hour with no complex cabling.

Philips Unite LED Indoor

7000 Series

Easy Mount Display

An impressive replacement for a videowall with mesmerizing visuals and a quick installation process.



110"

Product details	110HDL7012IA
Display diagonal (inches)	110
Pixel pitch (mm)	1.26
Display dimensions (W/H/D) in (mm)	Cabinet: 1209.6*680.4*28 Display: 2,433.2 x 1,374.8 *28
Number of panels	4x 55" LED panels
Resolution (px)	Cabinet: 960 x 540 Display: FHD 1920*1080
Area size (m ²)	3.35
Cabinet 55" /Screen110" (kg)	18.5 / 74
Brightness (nit)	600
Signal input	HDMI
Refresh rate (Hz)	3840
Power consumption max. (w/screen) AC	1240
Power consumption typ. (w/screen) AC	618.8



* Wall mount included for 2x2 configuration.



Urban LED Outdoor

Urban 6000 Series

Bold and brilliant

Experience ultimate visuals for billboards, arenas, and airports with ultra-high brightness and crystal-clear images. Designed for the outdoors, our Philips Urban 6000 LED displays offer various panel dimensions and energy-efficient performance. With easy front and rear maintenance and flexible cabinet sizing, installation is effortless and adaptable.

Philips Urban LED Outdoor

6000 Series



Product details	47/57/67HUL64XXDP/00	47/57/67HUL65XXDP/00
Cabinet diagonal	47" /57"/67"	
Pixel pitch (mm)	6.7mm/8.3mm/10mm	
Cabinet dimensions (W/H/D) in (mm)	800x900mm 800x1200mm 1200x1200mm	
Module dimensions (mm)	400mm x 300mm	
Area size (m²)	1.44/0.96/0.72	
Weight 47" /57"/67" (kg)	47/31/23	
Brightness (nit)	6000	10.000
Control system	NovaStar	
Refresh rate (Hz)	7680	
Power consumption max. (w/m²)	635	625
Power consumption typ. (w/m²)	211	208





Urban LED Outdoor

Urban 7000 Series

Outdoor mastery made easy

The Philips Urban LED 7000 Series is perfect for outdoor applications such as bus stations and advertising signs. Focused on high quality visuals, these displays provide vibrant content even in bright conditions. Choose from various pixel pitches, and rest assured with a durable, die-cast aluminium cabinet and IP66 protection for resilience against the elements.

Philips Urban LED **Outdoor**

7000 Series

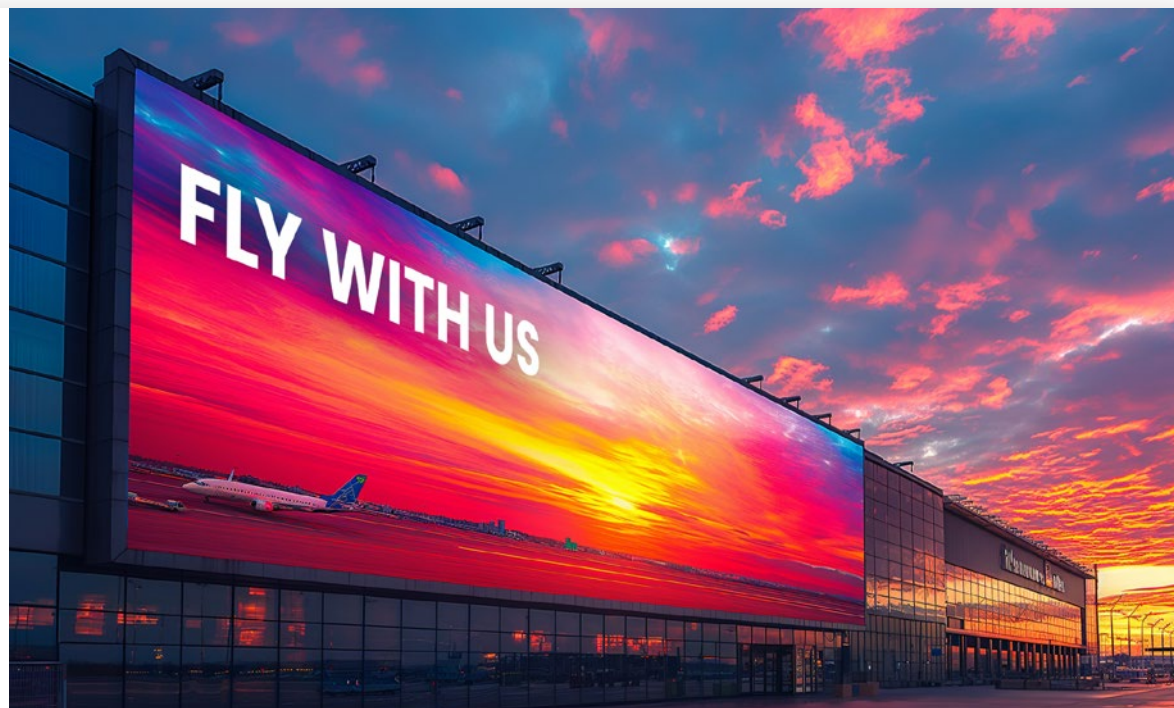
Versatile brilliance
for outdoor mastery.



28"

44"

Product details	28/44HUL7XXXDP/00
Cabinet diagonal	28, 44
Pixel pitch (mm)	2.9, 3.9, 4.8
Cabinet dimensions (W/H/D) in (mm)	44" 500 *1000, 28" 500 *500
Module dimensions (mm)	250mm x 500
Area size (m ²)	28": 0.5, 44": 0.5
Weight 28"/44" (kg)	9.25/19
Brightness (nit)	4500 - 7000
Control system	NovaStar
Refresh rate (Hz)	3840
Power consumption max. (w/m ²) AC	500
Power consumption typ. (w/screen) AC	170



Success stories



Oracle Red Bull Racing MK-7



Jack Wolfskin



CUPRA



Oral Roberts University



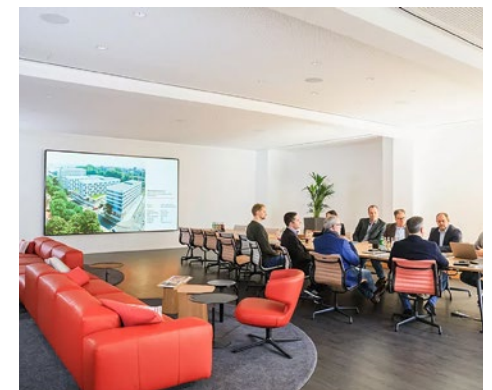
AlienTrick



Les Cottages de France



Footasylum



HARFID

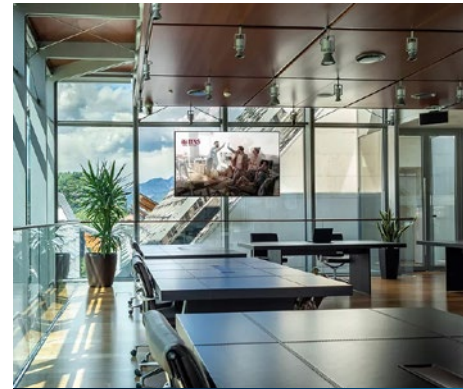
Success stories



Oracle Red Bull Racing



Desert Reign Church



ITAS Mutua



Heijmans



Maxi ICA Stormarknad Universitetet



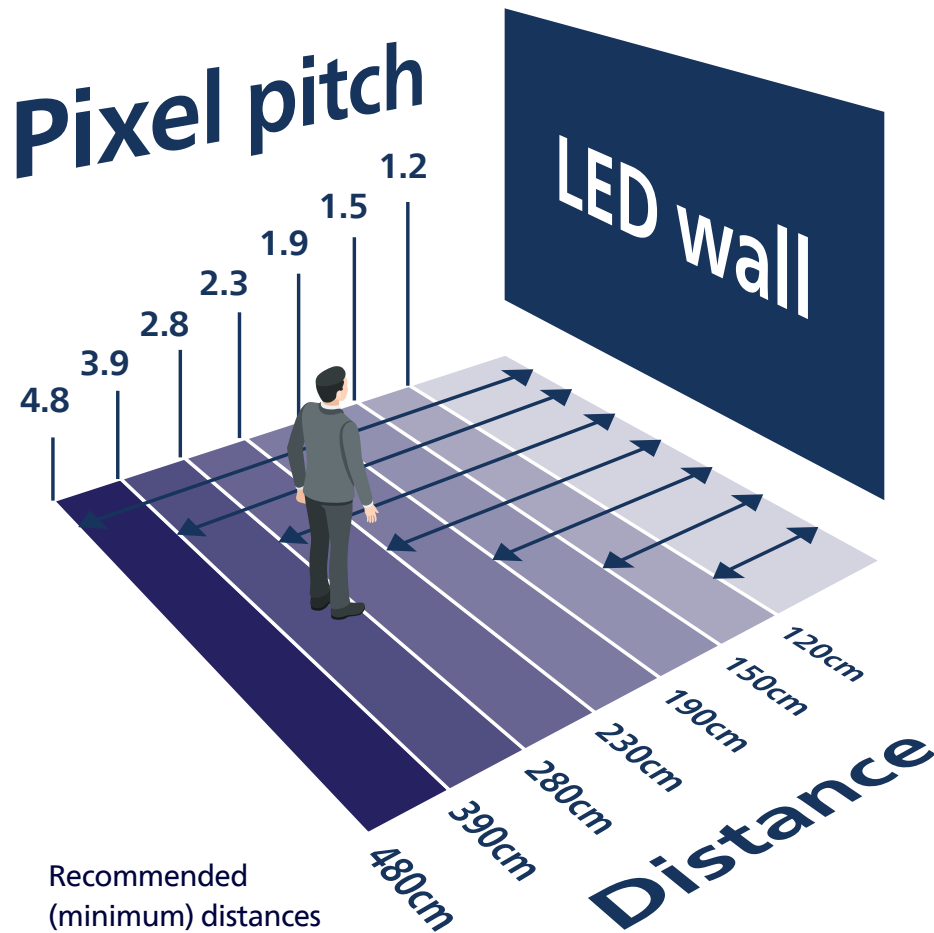
Fnac Brussels



Fersa Bearings

Pixel pitch

Based on the size and application, you decide the pixel pitch.



Recommended
(minimum) distances
versus pixel pitch size.

Experience limitless creativity with the Philips LED Configurator. This powerful tool lets you design and visualise custom LED display solutions tailored to your needs. Adjust pixel pitch and brightness effortlessly for both indoor and outdoor applications. Bring your concepts to life and transform your vision into stunning visual experiences.

The PPDS LED Configurator makes it easy to design and deploy a tailored display setup across your entire business.

[Start Configurator](#)



© 2025 Koninklijke Philips N.V. All rights reserved.
Specifications are subject to change without notice. Trademarks are the
property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

[ppds.com](https://www.ppds.com)