

Next Generation Laser Light Source

Mark Kendall – Business Development Digital Cinema EMEA



NEC in the Digital Cinema market

- Almost 10,000 DC projectors installed in EMEA (Market share > 35%)

- Broadest range of solutions for cinemas

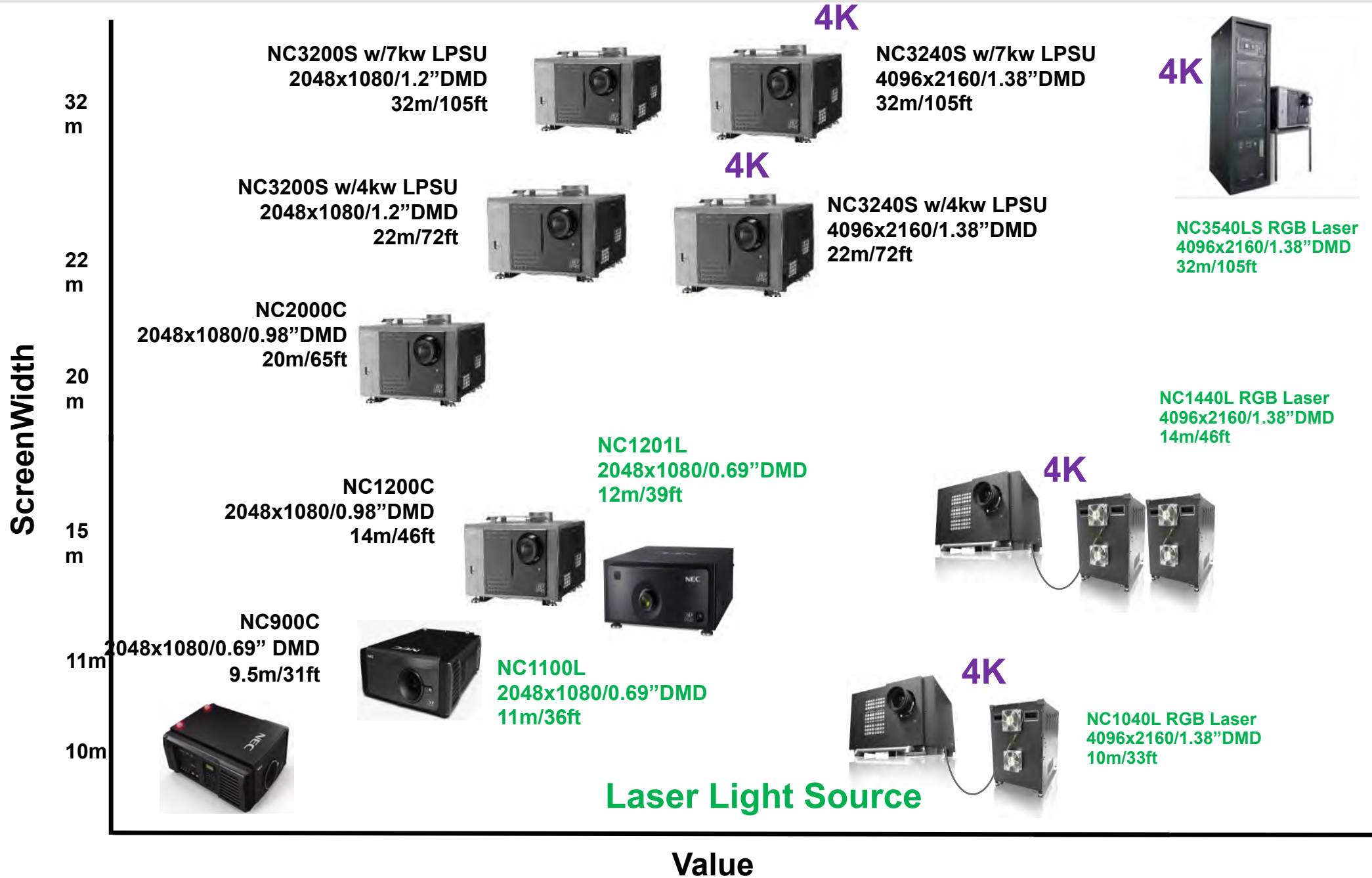
- DCi projectors NSH / Xenon / Laser
- Lobby Solutions Projectors / Displays / Video walls
- Outdoor signage LED / Weather-proof displays



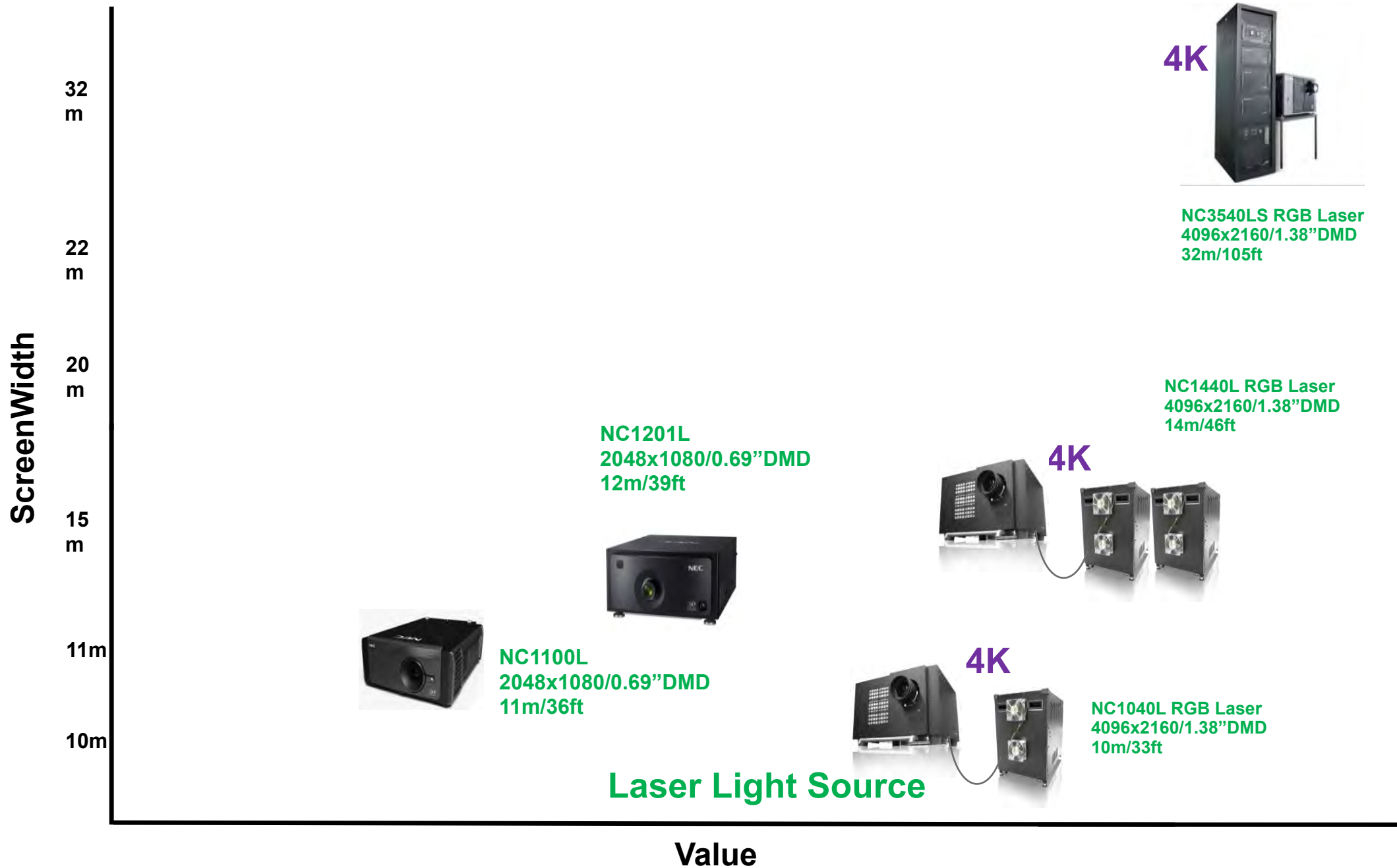
DIGITAL
PICTURE BY
DLP
CINEMA
TEXAS INSTRUMENTS

TEXAS INSTRUMENTS
CINEMA
DLP

NEC Digital Cinema Projector Family



NEC Digital Cinema Laser Projector Family



Laser – THE Projector Light Source of Future

RGB Laser

- Premium brightness for largest screens up to 70,000 Lumen
- Premium colour Space higher than DCI, up to Rec 2020



Laser – Phosphor

- Lowest TCO: No lamp cost, low power consumption, low service cost
- Almost Maintenance Free
- Compact size, easy handling, easy installation
- Best cost/performance balance
- 70% of all installation projectors will use Laser Light Source by year 2020 (Source: FutureSource Consulting)



Last year we were presenting NC1100L ...

- Industry's First DCI compliant compact cinema projector with laser light source !
- Suitable for screens up to 11m (1.8 Gain)
- Built-In IMS
- Laser Class 3R



We are happy to present NC1201L now

- Already second generation of compact cinema projector with laser light source while competition is just starting to talk about !
- Suitable for screens up to 12m (1.8 Gain)
- Built-In second generation IMS
- Sealed light engine
- Whisper quiet
- Laser Class 1
- 3D compatible



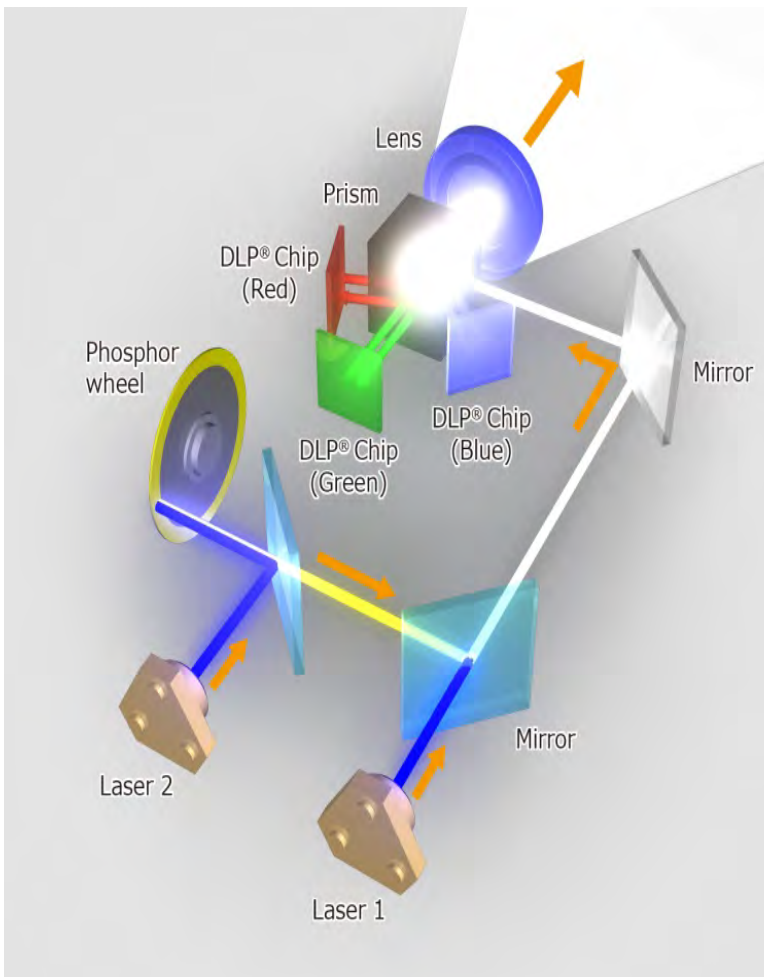
NC1201L – Second Generation Laser Phosphor Projector

- Up to 12m screen width (@1.8 gain)
- No external air duct necessary
- Floor or Ceiling mount
- Quietest projector on the market, just 47 dB, ideal for boothless cinema
- Dust sealed optical system
- Low maintenance metal filters
- Integrated second generation Media Server NP90MS02
- Power Consumption only 1.3 KW
- Special High Contrast lenses available
- Very reasonable cost
- Suitable for 3D



NC1201L – Second Generation Laser Phosphor Projector

- Unique dust sealed optical engine and laser engine
- Consistent Image quality at minimum maintenance level



NP90MS02 – Second Generation Cinema Server

Integrated NEC NP-90MS02 Media Server (IMB+ 2 TB Screen Server) as standard for complete one-stop solution

- Integrated SMS
- Integrated RAID5 server system of 2 TB net capacity
- 3D support
- Quickest ingest via USB 3.0 or Gigabit Ethernet
- Play and Ingest at same time for time saving operation
- NAS support for storage extension
- Audio output: 16-channel AES3-EBU Digital (2xRJ45)

NEW



NC1201L – Lowest Total Cost of Ownership

Comparison of operating costs to 2KW Xenon projector

	NC1201L	2KW Xenon DC Projector
Power Consumption	1,3kW	2,6 kW
Lamps	incl.	6/7 lamps
Add. air condition	0	0,6 kW
Cost calculation for 20.000h		
Power (0,25EUR/kWh)	6.500 €	13.000 €
Lamps	0 €	4.900 €
Air condition power	0 €	3.000 €
Total	6.500 €	20.900 €
Operating cost saving	14.400 €	

Operating cost saving in first 20,000 hours = 14,400 EUR

Further cost savings through

- Installation / running costs of air-conditioning
- Keeping stock / changing / adjusting lamps

NC3540LS – New RGB Laser model

Available from
late autumn

4K



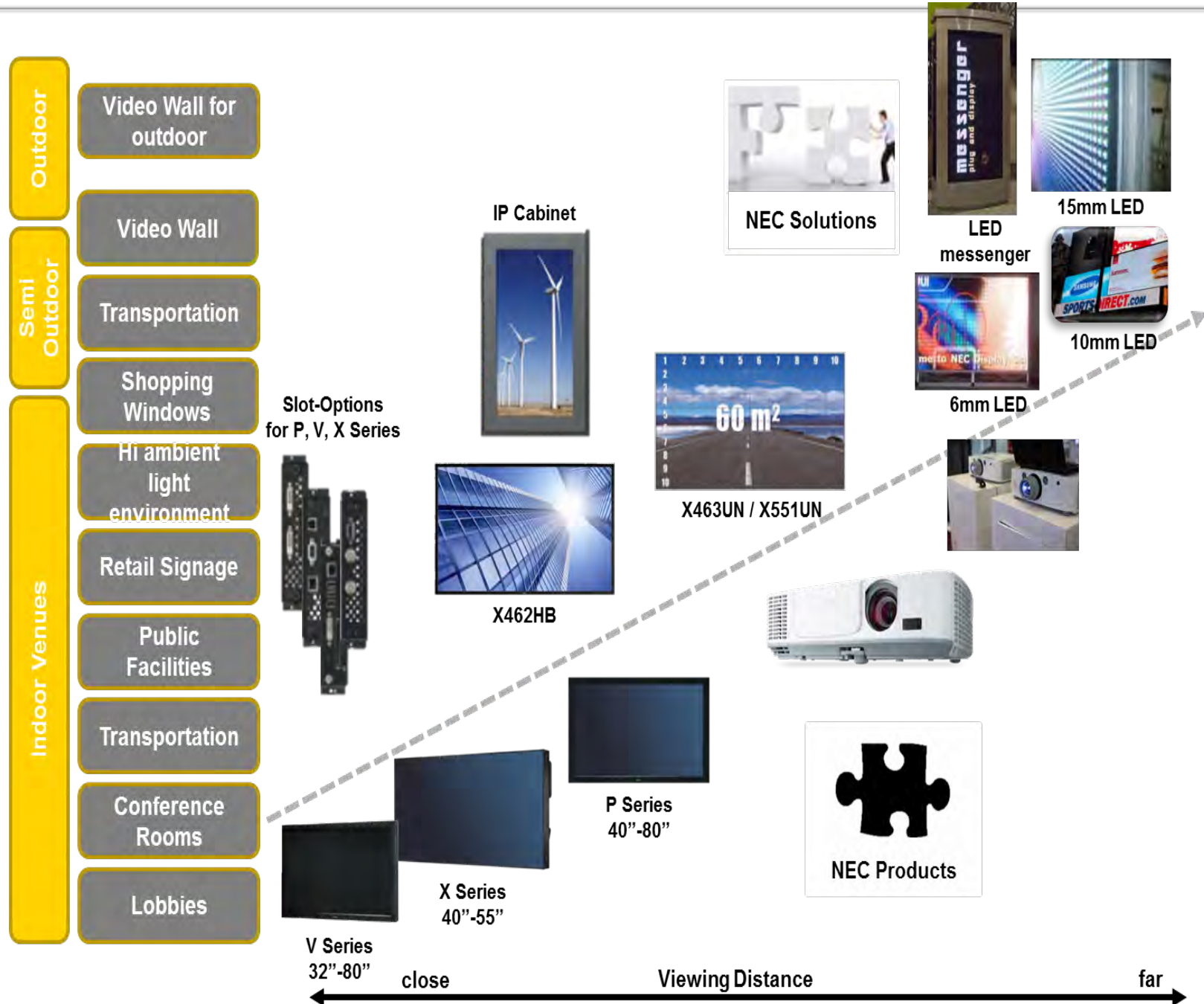
Features

- Bright 35,000 Lumen Light Source, stackable to 70,000 Lumen
- Still 80% brightness after 20,000h (variable depending on environmental conditions)
- Supporting screens up to 32m widths
- Projector head and laser module separated - light transmitted through flexible fibre tubes
- Much wider colour space than current DCI standard (almost Rec 2020)
- Adjustable brightness from 20% to 100%, ideal for 2D/3D

Don't forget NEC Digital Signage



NEC Digital Cinema Signage Solutions



Empowered by Innovation

NEC