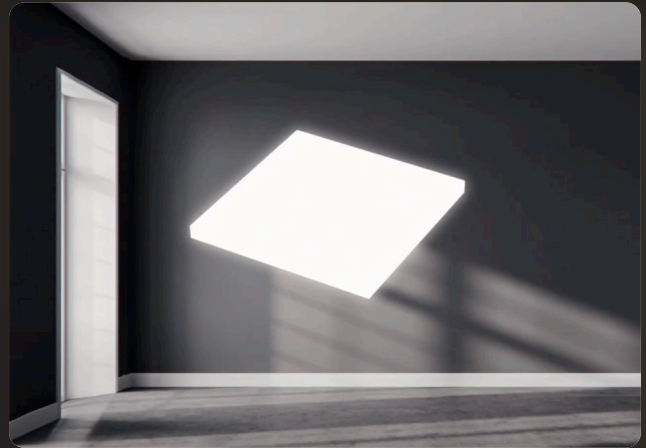
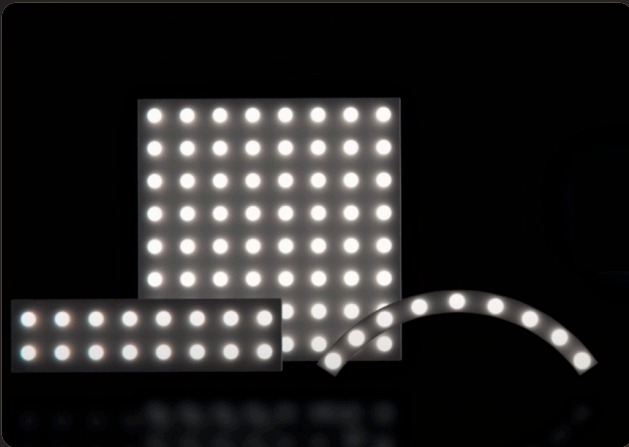


NICHIA Light Cluster™ Type L

- + Uniform & Soft Light
- + Thin & Compact
- + Mono-colour & CCT Tunable



DC24V

IP20
(Indoor)

Mono-Colour
/or Tunable

6.96W for
290 x 290mm

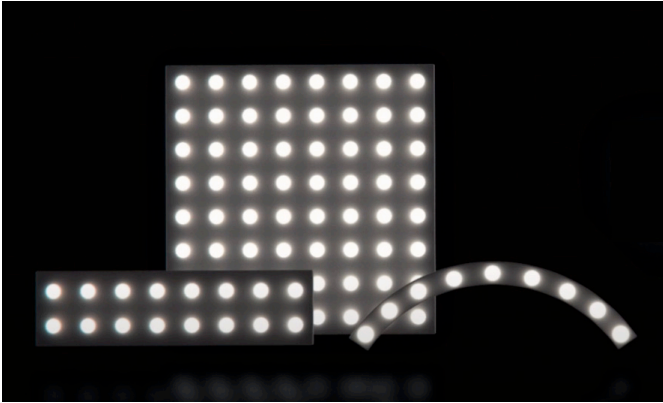
Panel Dimension
1. 290 x 290 (mm)
2. 290 x 72.5 (mm)

Recommended
Inner Box
Height 30mm (min)

High Efficient
High CRI
NICHIA H6 LED

FEATURES

- Uniform & soft light
- Thin & compact
- Available mono-colour 2700K, 3000K, 3500K, 4000K and 5000K.
- Available CCT Tunable 2700K - 5000K
- High efficient / High CRI 90 (min) using NICHIA H6 series LEDs
- Box inner depth 30mm (min)
- DC24V with PCB-equipped constant-current circuit



NOTE: Opal diffuser is NOT sold by us.

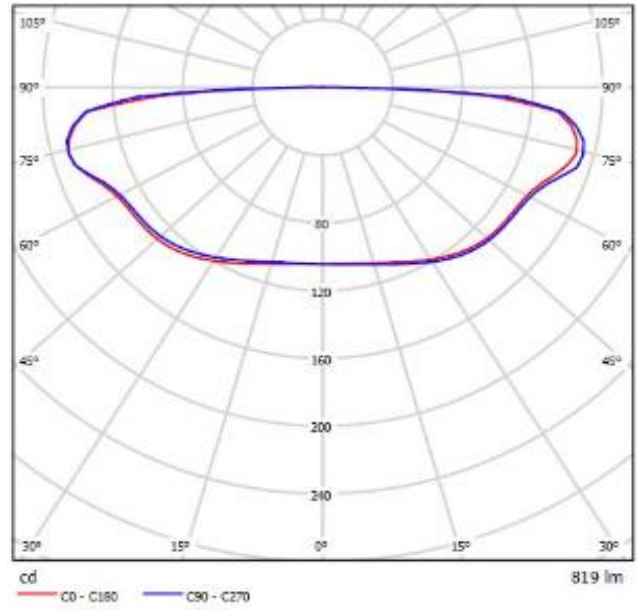
BASIC SPECIFICATION



PHOTOMETRICS

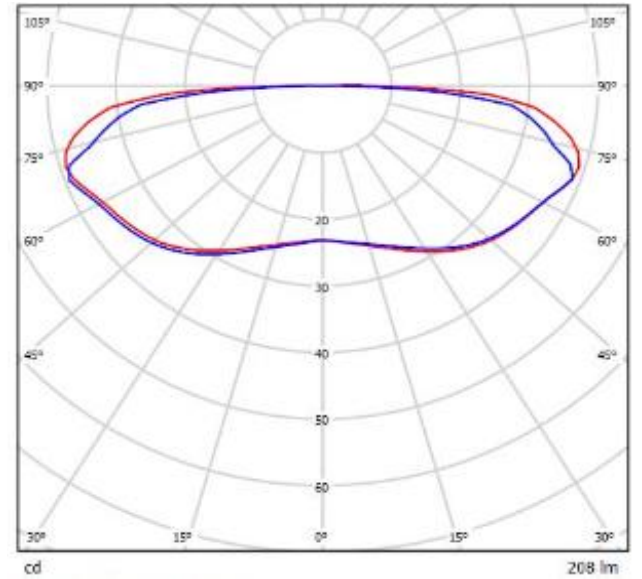
Model: NALW016AL

Luminous Flux: 819 lm (@5000K)



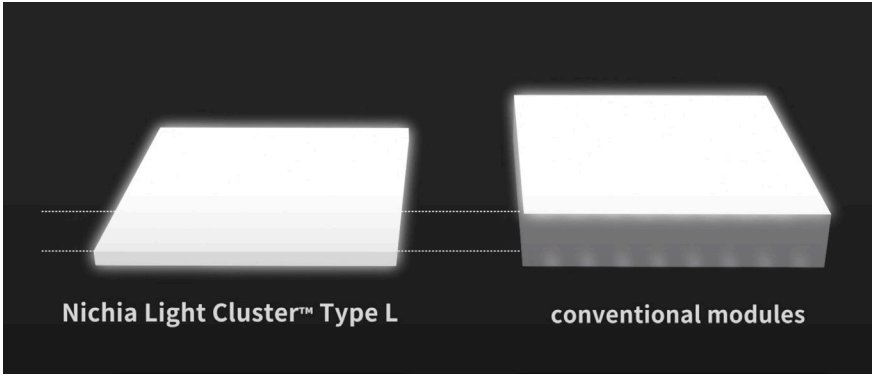
Model: NALW017AL

Luminous Flux: 208 lm (@5000K)



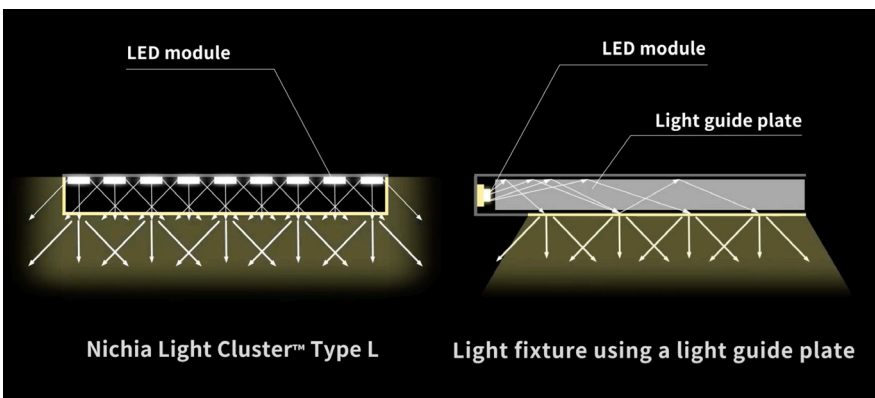
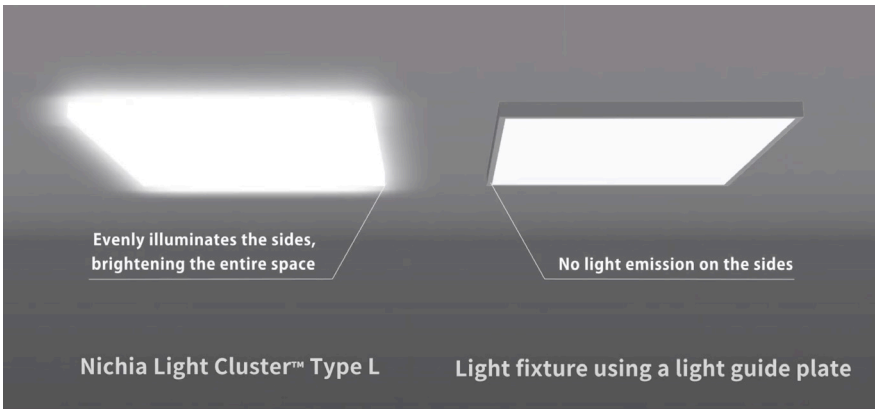
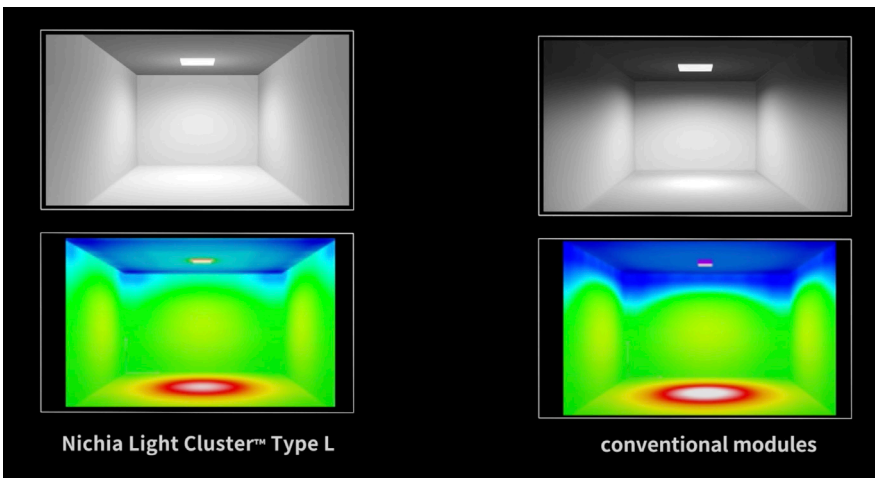
APPLICATIONS / ADVANTAGES

- + Allows slimmer box depth (for back-lighting applications)



Box inner depth can be as low as 30mm.

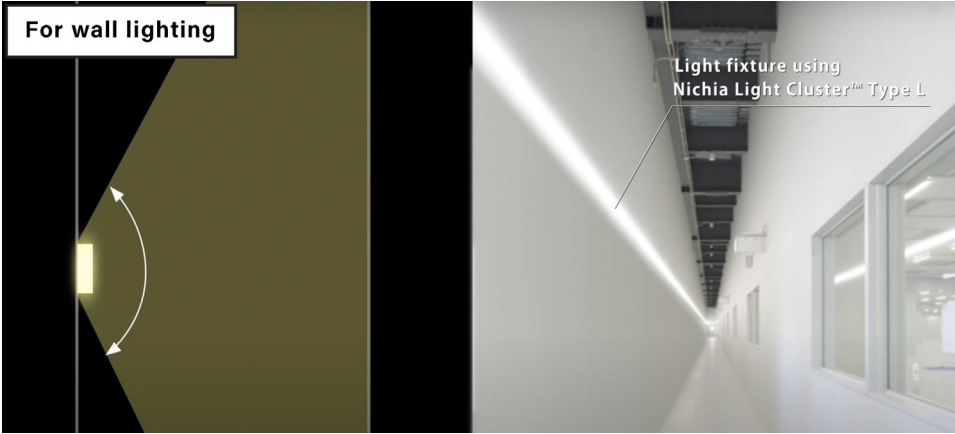
- + Wider light distributions (for ceiling panel and etc)



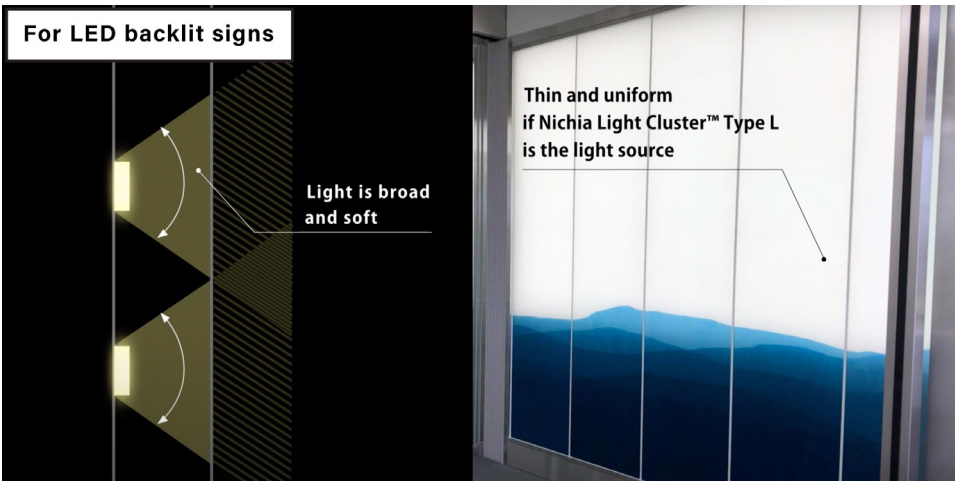
Dimmers
V-Wash 1-2
V-Wash 1-2 Tunable
V-Flex
V-Flex Tunable
V-Slim
V-Slim-3.8W
V-Slim Dotless
V-Slim Dotless 3.8W
NICHIA Light Cluster™ Type L

APPLICATION EXAMPLE

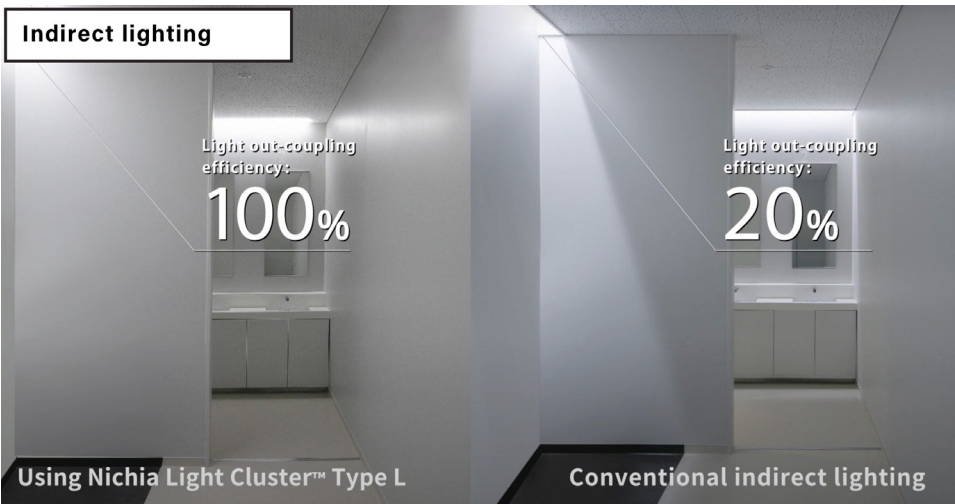
For wall lighting



For LED backlit signs




Indirect lighting



Ceiling light box



PRODUCT SPECIFICATIONS

Product Name	NICHIA LIGHT CLUSTER™ (TYPE L)			
	Mono-Colour		CCT Tunable (2700K - 5000K)	
Model No.	NALW016AL	NALW017AL	NALW018AL	NALW019AL
Photo				
Input	24Vdc	24Vdc	24Vdc	24Vdc
Power Consumption	6.96 W	1.8 W	6.96 W	1.8 W
Dimension (mm)	290*290 (mm)	290*72.5 (mm)	290*290 (mm)	290*72.5 (mm)
Weight	210g	52.5g	210g	52.5g
LED Beam Angle	170°	170°	170°	170°
Operating Temperature	0°C~45°C	0°C~45°C	0°C~45°C	0°C~45°C
Maximum Nos of Series Connection	Maximum 0.8m ² (=10pcs of 290*290mm / 40pcs of 290*72.5mm)			
No of LEDs	56	14	112	28
LED Pitch	36.4mm/41.6mm	36.4mm/41.6mm	36.4mm/41.6mm	36.4mm/41.6mm
Dimming	DALI / 0-10V / DMX / Triac			
LumensFLux (typical) @ CCT 3000K	772 lm	193 lm	772 lm	193 lm

Dimmers V-Wash 1-2 V-Wash 1-2 Tunable V-Flex V-Flex Tunable V-Slim V-Slim-3.8W V-Slim Dotless V-Slim Dotless 3.8W

NICHIA Light Cluster™ Type L

MODEL NO

Mono-colour (Static)

NALW016AL — **XXH6**
.....

Panel Dimension:
290 * 290mm

CCT
(See below)

NALW017AL — **XXH6**
.....

Panel Dimension:
290 * 72.5mm

CCT
(See below)

CCT Tunable 2700K - 5000K

NALW018AL — **2750H6**
.....

Panel Dimension:
290 * 290mm

NALW019AL — **2750H6**
.....

Panel Dimension:
290 * 72.5mm

Colour Temperature Code

XX → 27 : 2700K
30 : 3000K
35 : 3500K
40 : 4000K
50 : 5000K