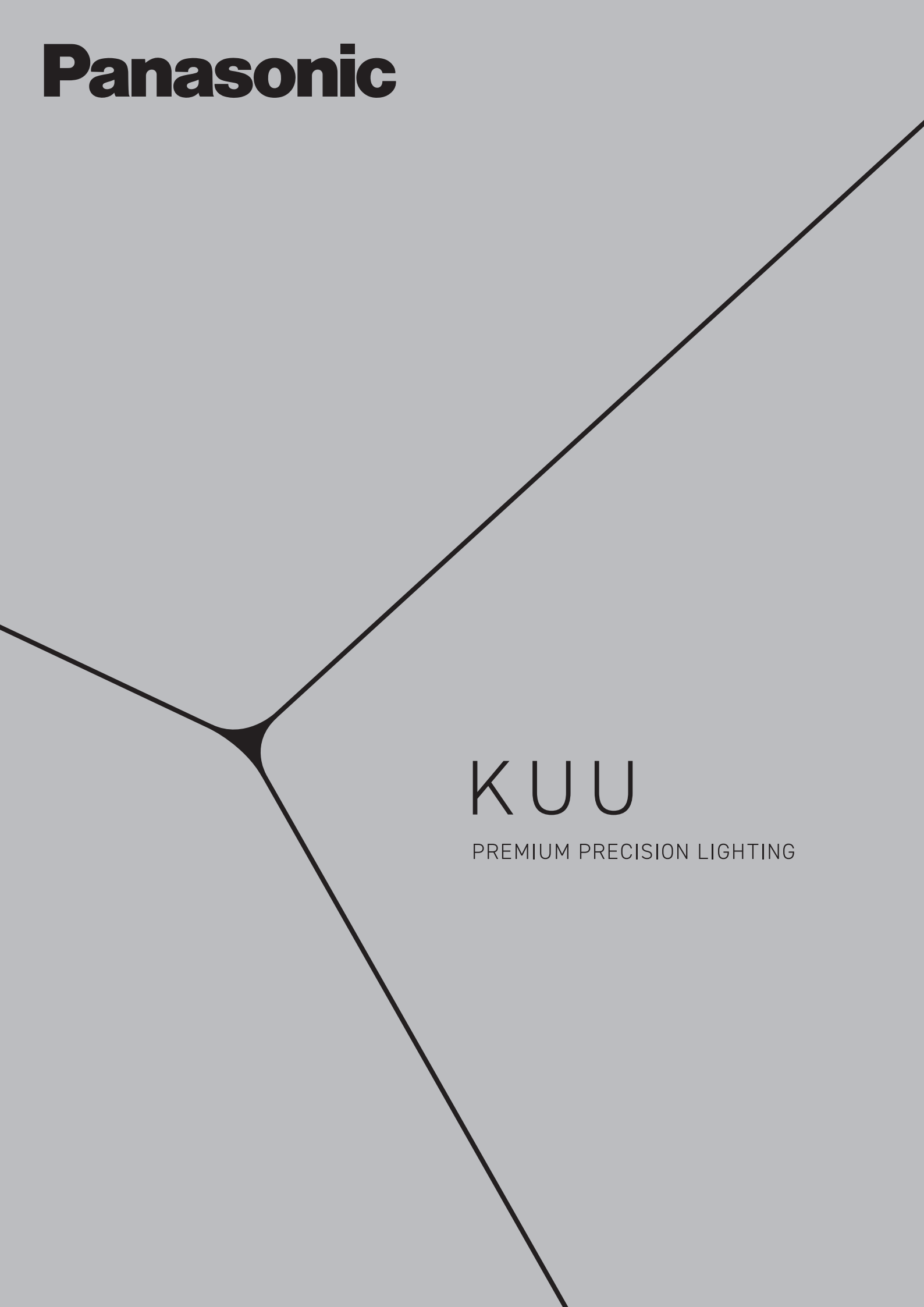


Panasonic



KUU

PREMIUM PRECISION LIGHTING

INDEX

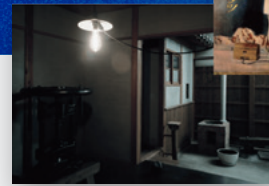
LEGACY & TIMELINE	02
MANUFACTURING & SALES SITES	03
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LEGACY & TIMELINE

For over 100 years

Panasonic Electronic Works has produced electrical equipment that supports the development of society and industry as "the infrastructure of our lives".



Our founding product



• 1918



The founder, Konosuke Matsushita launched Matsushita Electric Housewares Manufacturing Works

• 1972



First manufacturing company in India established

• 1932



Corporate mission announced Konosuke Matsushita knew the true mission of the company

• 2003



Unification under the Global Brand "Panasonic"

• 1935



Incorporated as a joint-stock company Matsushita Electric Industrial Co. established

• 2007



Acquiring Anchor Electricals in India

Panasonic boosted the rapid expansion of the Indian electrical materials market with our acquisition of Anchor Electricals, the largest manufacturer of modular and non-modular electrical switches in the country

• 1955



"Panasonic" brand launched as a speaker brand

• 2022



Inaugurated state-of-the-art manufacturing unit at Sricity, Andhra Pradesh, India.

• 1961



First manufacturing company in Southeast Asia established

MANUFACTURING & SALES SITES

29 Sales
Offices

4 Areas
6 Factories



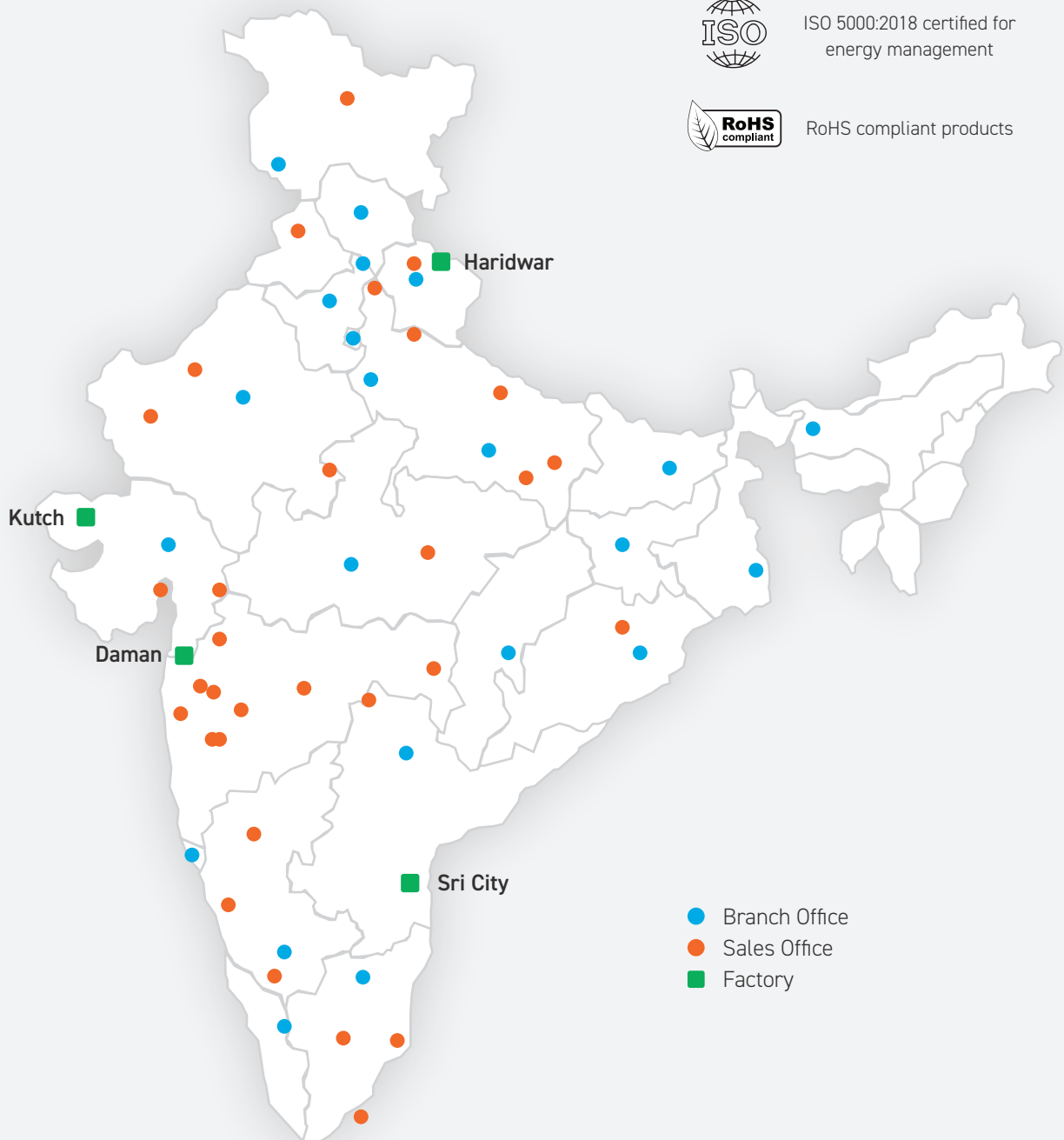
NABL accredited
laboratory



ISO 5000:2018 certified for
energy management



RoHS compliant products



QUALITY ASSESSMENT

State of Art Testing, Evaluation and Innovation Lighting Lab.

Panasonic Lighting Lab equipped with High Precision and Reliable Equipment i.e. LMT Germany Make Gonio photometer and Sphere with high precision in photometry results, Thermal Humidity Bias Test (THB Test) and Thermal Shock test facility to evaluate and ensure the Reliability inline with Japanese Standard, Lab equipped with Glow Wire test, Needle Flame Test, UL94, Surge Test Facility to ensure the safety compliance of product as per IS as well IEC Standards.



Panasonic Lighting Lab.

Location : **Daman**
Established : **2020**
On installation of new equipment
Evaluation and analysis for Lighting Fixtures
(Photometry, Safety, Reliability, EMS, Basic Electrical Testing)

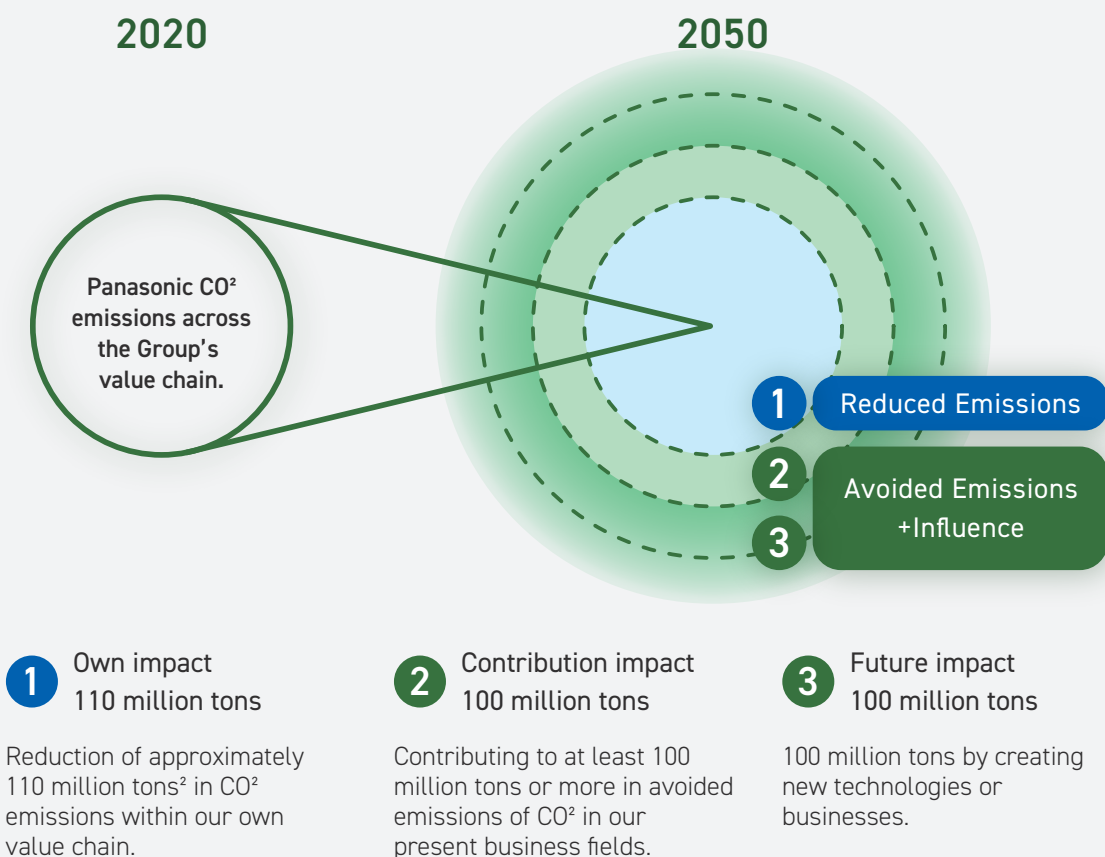


ENVIRONMENTAL INITIATIVES

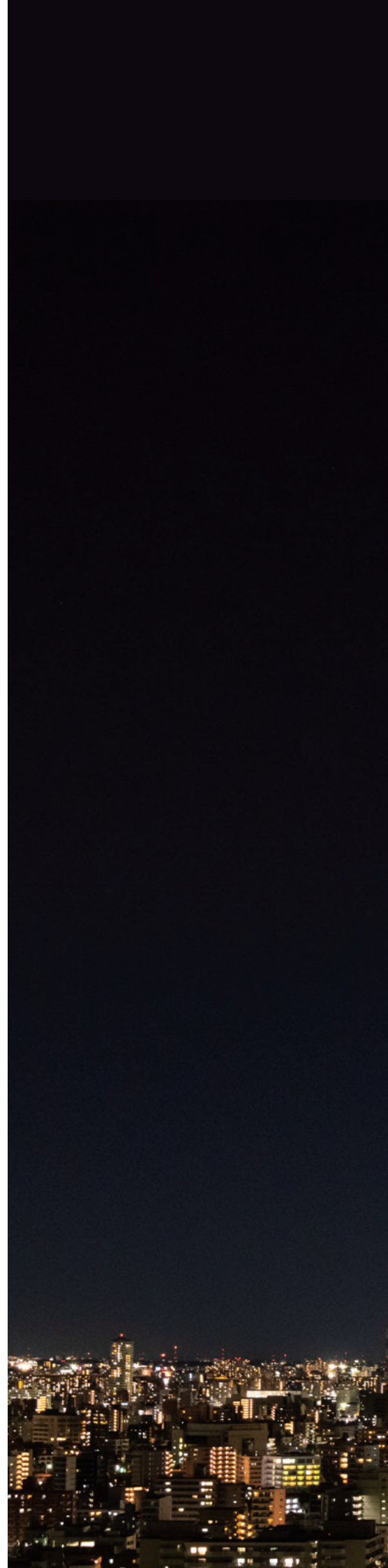


The Panasonic Group Aims to Create Impact that Reduces CO₂ Emissions by at Least 300 Million Tons

The Panasonic Group aims to achieve both a better life and a sustainable global environment, by creating impacts from actions that reduce its own CO₂ emissions, contribute to avoiding CO₂ emissions of society, and realize a circular economy.



KEY PROJECTS



TOKYO SKYTREE

2012 Tokyo, Japan



©TOKYO-SKYTREE

JAPAN NATIONAL STADIUM

2019 Tokyo, Japan





RUDRUKSHA CONVENTION CENTRE

2019 Varanasi, India





PANASONIC XC KADOMA

2023 Osaka, Japan



PANASONIC DESIGN CENTRE KYOTO

2018 Kyoto, Japan





KUU concept

Professional Precision Lighting Series



KUU

空 [KUU]

Space / Openness / Air

Spaces Create Experiences

KUU is the infinite possibilities of creativity captured in a single syllable word. Panasonic Lighting re-imagines these spaces using light to breathe life and texture into these spaces. The logo, inspired by the XYZ motif, promises new experiences created with light. With precision Japanese optical technology and products rooted in minimalist Japanese design, KUU launches feature rich lighting products under the Make in India initiative.



FLOAT Linear

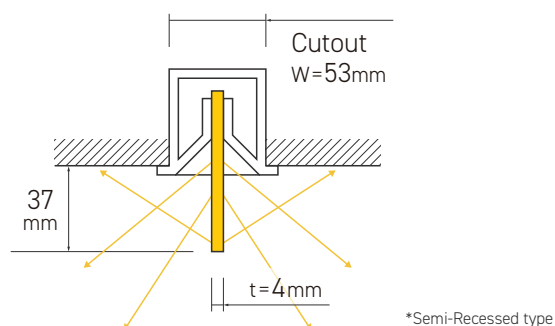
LGP Linear Light



Uniquely glare-free LGP

Precisely engineered micro prismatic structure that distributes and softens the light.

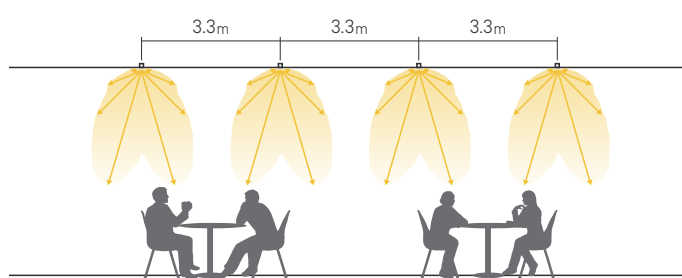
*LGP=Light Guiding Panel



Enhanced light distribution

Enhanced fixture to fixture spacing.

- hence lesser fixtures in same space for same light levels.
- hence lower Capex and lower Opex costs.

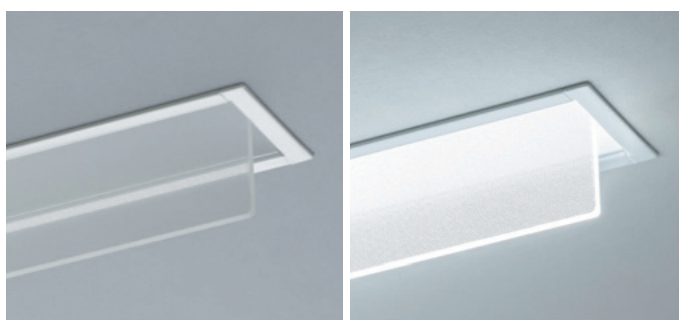


*Recessed 25W, H=3m, Avg. $\geq 300\text{lx}$ at desk surface

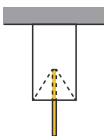
Minimal look floating light

Fixture design that blends into the space.

Thin and almost invisible fixture Looks "Empty".

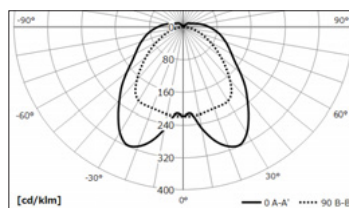
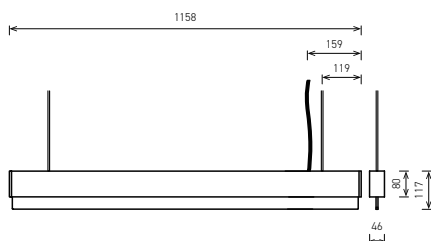




Mount	Suspended 	Surface 	Semi-Recessed 	Recessed 	
Type	Single panel				Dual panels
Wattage	25W				80W
Efficacy	$\geq 115\text{lm/W}$ (4000K)			$\geq 90\text{lm/W}$ (4000K)	$\geq 95\text{lm/W}$ (4000K)
Combination	Standalone / Continuous				
CRI	CRI >80				
CCT	3000K / 4000K / 5000K				
Dimming	Non-Dimmable / DALI2				
Finish	White				

Specifications

Single Panel 25W - Suspended

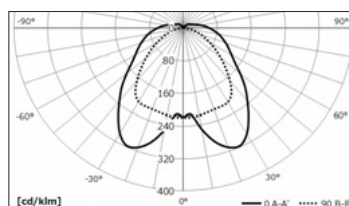
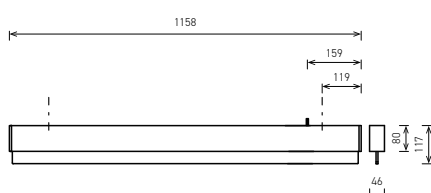


Surface type

2875 lm (4000K)
240V
SDCM <3
IK 02
White
3.2kg

3000K
KPGL0112538NW
4000K
KPGL0112548NW
5000K
KPGL0112558NW
(Non-Dimmable)

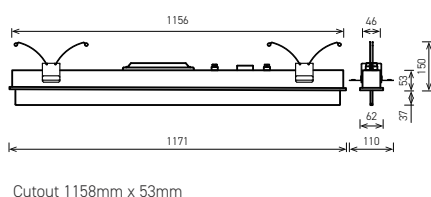
Single Panel 25W - Surface



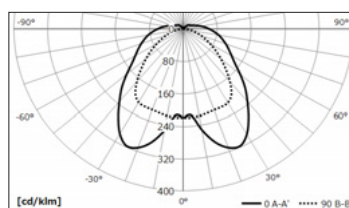
2875 lm (4000K)
240V
SDCM <3
IK 02
White
3.2kg

3000K
KSG L0112538NW
4000K
KSG L0112548NW
5000K
KSG L0112558NW
(Non-Dimmable)

Single Panel 25W - Semi-Recessed



Cutout 1158mm x 53mm

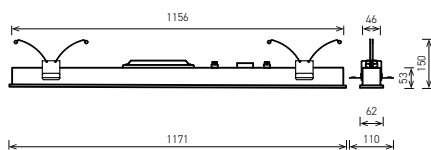


Surface type

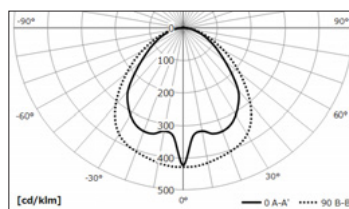
2875 lm (4000K)
240V
SDCM <3
IK 02
White
3.0kg

3000K
KMGL0112538NW
4000K
KMGL0112548NW
5000K
KMGL0112558NW
(Non-Dimmable)

Single Panel 25W - Recessed



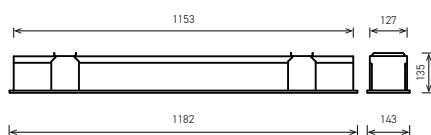
Cutout 1158mm x 53mm



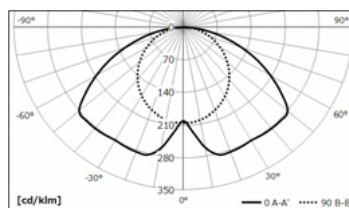
2250 lm (4000K)
240V
SDCM <3
IK 02
White
3.0kg

3000K
KRGL0112538NW
4000K
KRGL0112548NW
5000K
KRGL0112558NW
(Non-Dimmable)

Dual Panels 80W - Recessed



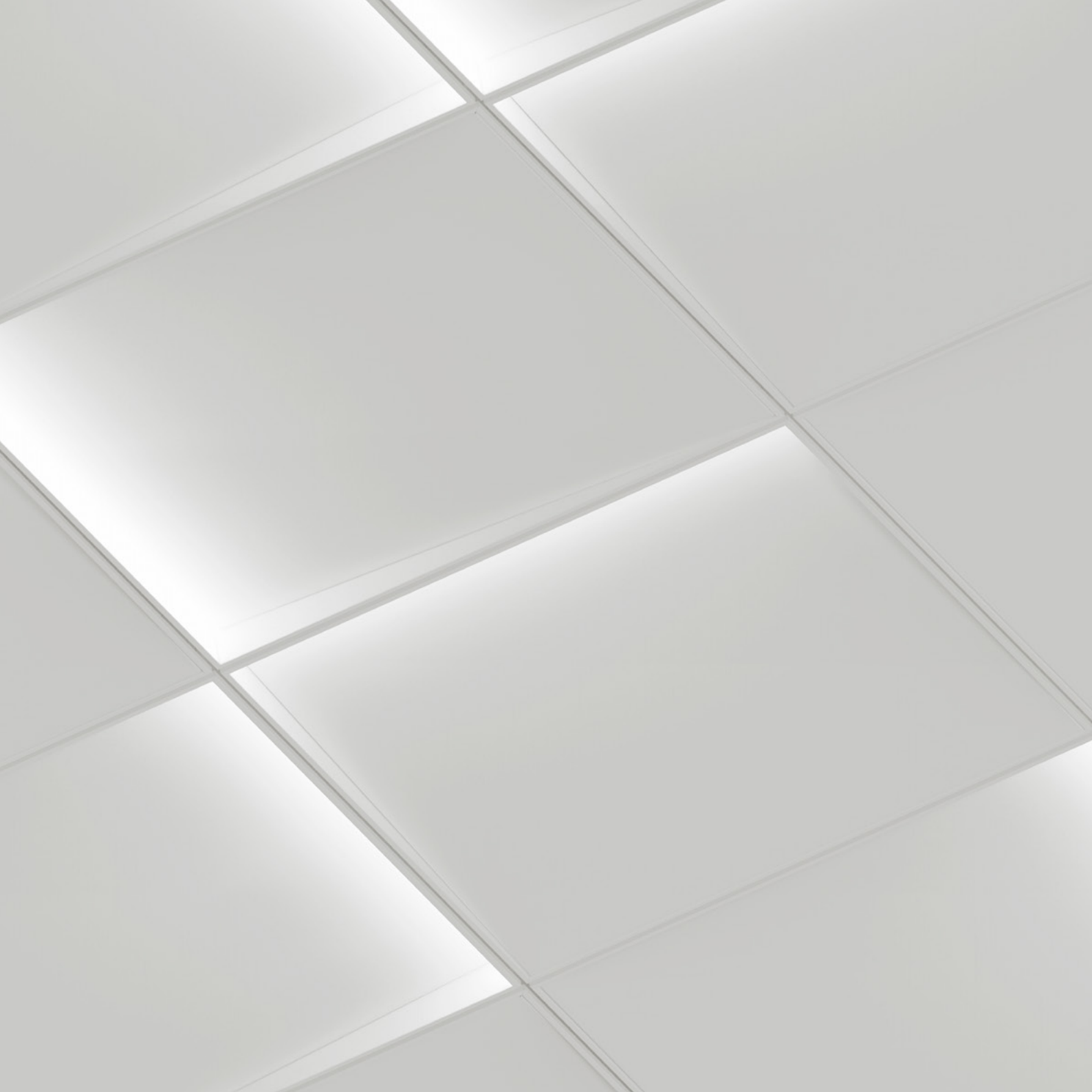
Cutout 1155mm x 130mm



7600 lm (4000K)
240V
SDCM <3
IK 02
White
7.1kg

3000K
KRGL0128038NW
4000K
KRGL0128048NW
5000K
KRGL0128058NW
(Non-Dimmable)

*For other SKU details, please contact us or download from the Web



FLOAT Square

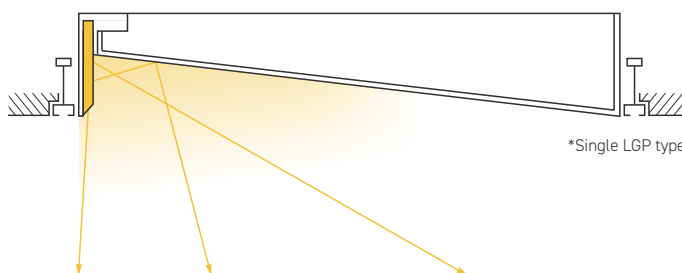
LGP 2x2 Base Light



Uniquely glare-free LGP

Precisely engineered micro prismatic structure that distributes and softens the light.

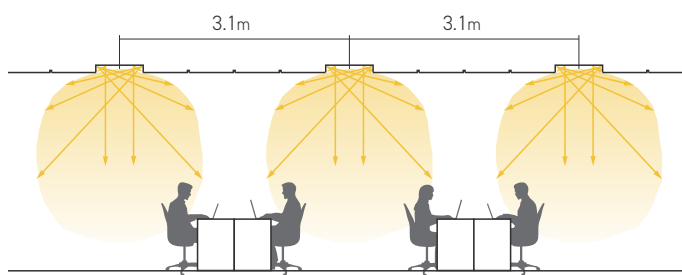
*LGP=Light Guiding Panel



Enhanced light distribution

Enhanced fixture to fixture spacing.

- hence lesser fixtures in same space for same light levels.
- hence lower Capex and lower Opex costs.

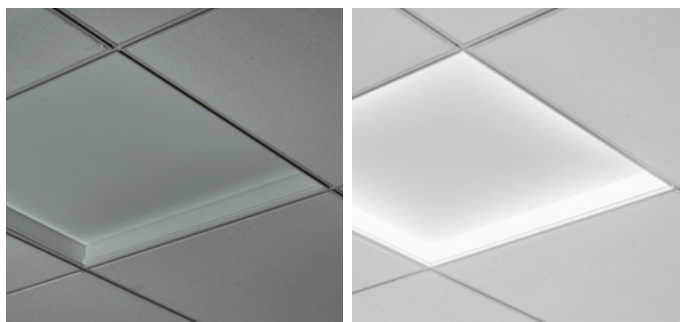


*60W, H=3m, Avg. $\geq 300\text{lx}$ at desk surface

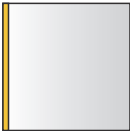
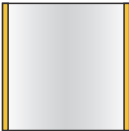
Minimal look floating light

Fixture design that blends into the space.

Thin and almost invisible fixture Looks "Empty".

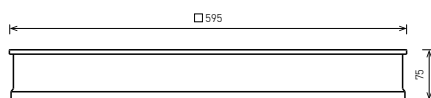




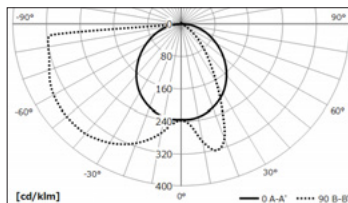
Mount	Recessed		
Type	Single Panel 	Dual Panels 	Quad Panels 
Wattage	16W	30W	60W
Efficacy	$\geq 80\text{lm/W}$ (5000K)		
CRI	CRI >80		
CCT	3000K / 4000K / 5000K		
Dimming	Non-Dimmable / DALI2		
Finish	White		

Specifications

Single Panel 16W



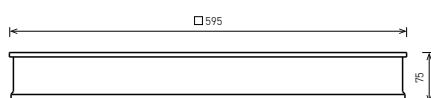
Cutout □ 585mm



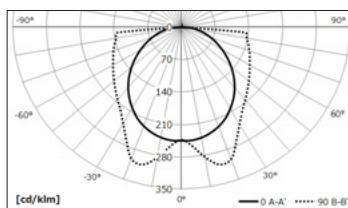
1280 lm (5000K)
240V
SDCM <3
IK 02
White
5.1kg

3000K
KRGX0111638NW
4000K
KRGX0111648NW
5000K
KRGX0111658NW
(Non-Dimmable)

Dual Panels 30W



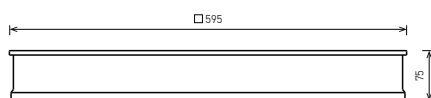
Cutout □ 585mm



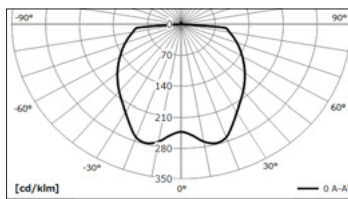
2400lm (5000K)
240V
SDCM <3
IK 02
White
5.6kg

3000K
KRGX0123038NW
4000K
KRGX0123048NW
5000K
KRGX0123058NW
(Non-Dimmable)

Quad Panels 60W



Cutout □ 585mm



4800 lm (5000K)
240V
SDCM <3
IK 02
White
6.5kg

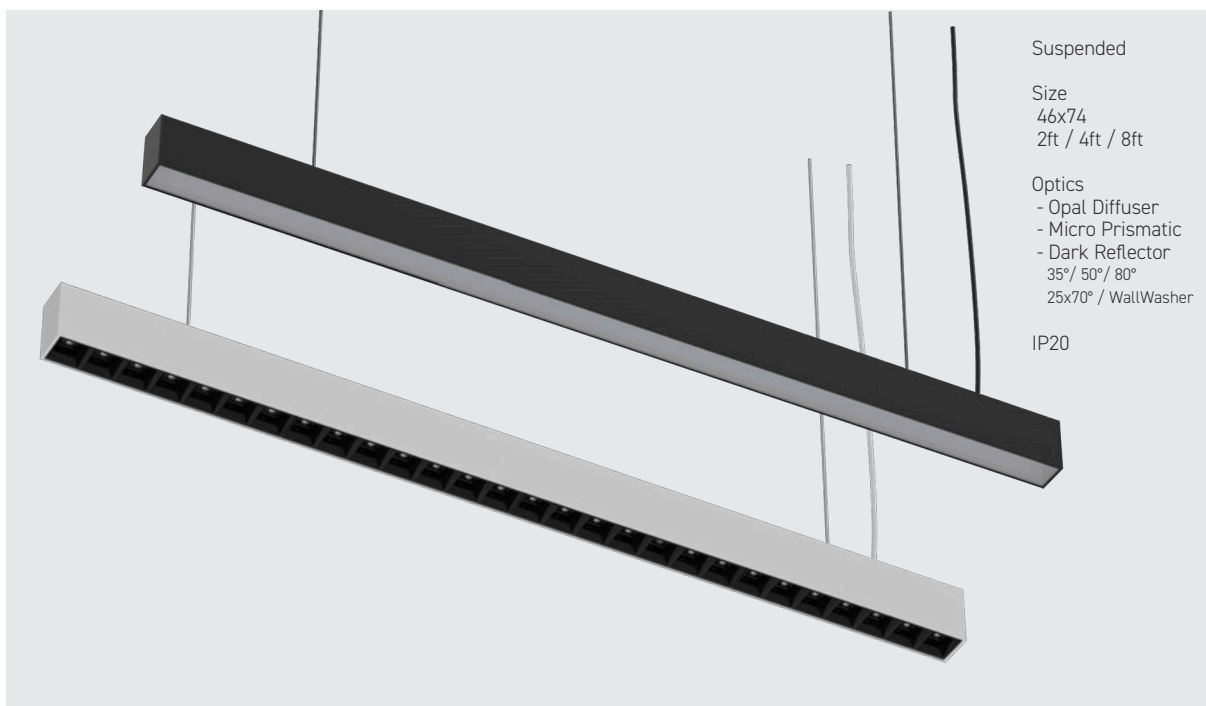
3000K
KRGX0136038NW
4000K
KRGX0136048NW
5000K
KRGX0136058NW
(Non-Dimmable)

*For other SKU details, please contact us or download from the Web



AXLINE

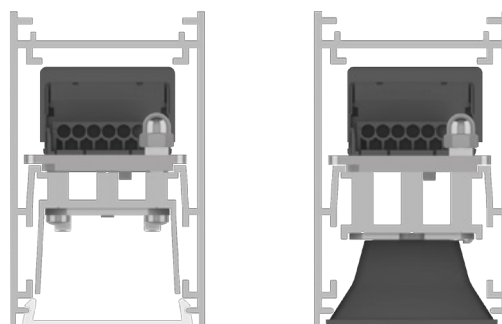
Suspended Linear Light



Common housing family

Multiple combinations of LED and optical accessory options with common housing unit.

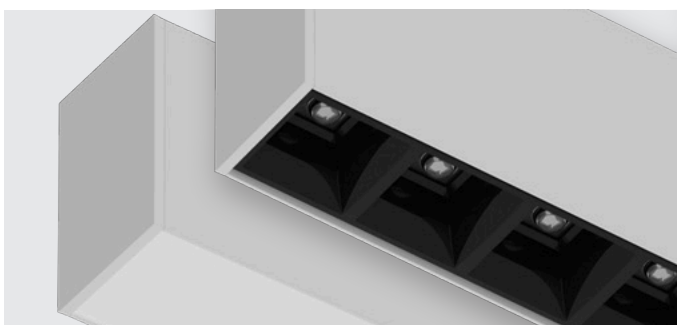
- Opal Diffuser : High efficiency
- Micro Prismatic : High visual comfort
- Dark Reflector



Noiseless plain shape

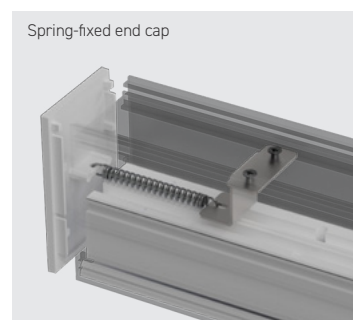
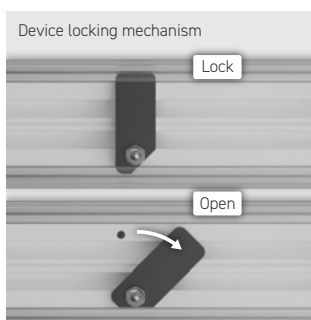
Precisely designed linear profile blend into architecture.

- Flat design with no grooves or gaps.
- Screw is not visible on the surface.



Elaborate details design

- Easy to maintenance
Power device can be taken out from bottom of fixtures, Hence maintenance can be completed as installed.
- Spring-fixed end caps eliminate light leakage and reduce misalignment.

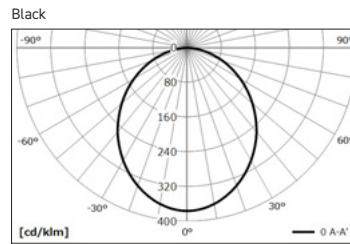
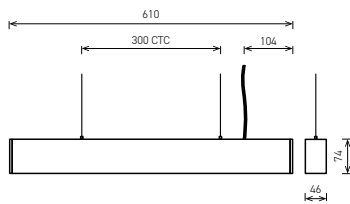




Mount	Suspended		
Wattage	18W(2ft) / 36W(4ft) / 72W(8ft)		
Lip type	Opal Diffuser	Micro Prismatic	Dark Reflector
Optics			35° / 50° / 80° / 25x70° / WallWasher
Efficacy	≥90lm/W (CRI80, 4000K)		
Combination	Standalone / Semi-continuous / Continuous		
CRI	CRI >80 / >90		
CCT	3000K / 4000K / 5000K		
Dimming	Non-Dimmable / DALI2		
Finish	White / Black		

Specifications

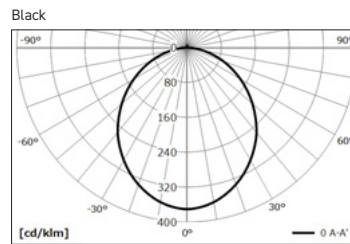
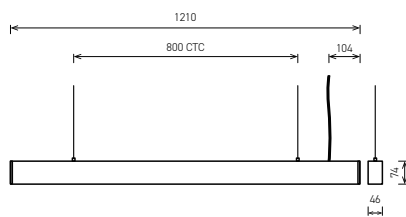
Opal Diffuser 18W(2ft) CRI80



1620 lm (4000K)
240V
SDCM <3
White / Black
1.5kg

3000K
KPDL0201838NB
4000K
KPDL0201848NB
5000K
KPDL0201858NB
(Black, Non-Dimmable)

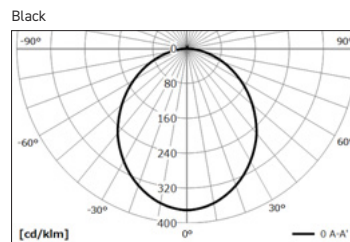
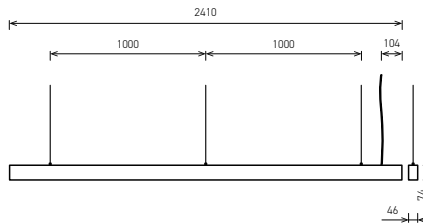
Opal Diffuser 36W(4ft) CRI80



3450 lm (4000K)
240V
SDCM <3
White / Black
2.9kg

3000K
KPDL0203638NB
4000K
KPDL0203648NB
5000K
KPDL0203658NB
(Black, Non-Dimmable)

Opal Diffuser 72W(8ft) CRI80



6910 lm (4000K)
240V
SDCM <3
White / Black
5.7kg

3000K
KPDL0207238NB
4000K
KPDL0207248NB
5000K
KPDL0207258NB
(Black, Non-Dimmable)

*For other SKU details, please contact us or download from the Web



SoftLight

Recessed Downlight



Unified with ceiling

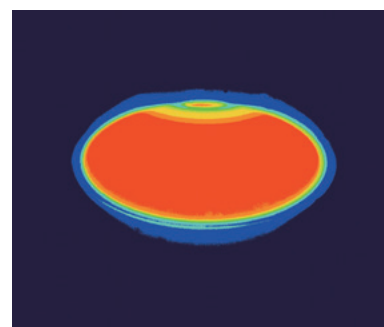
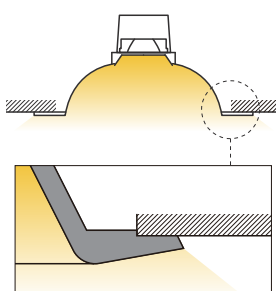
The specially designed cone shape integrates with the ceiling and makes the fixture disappear. This gives a sense of softness and provides a relaxing ambience.



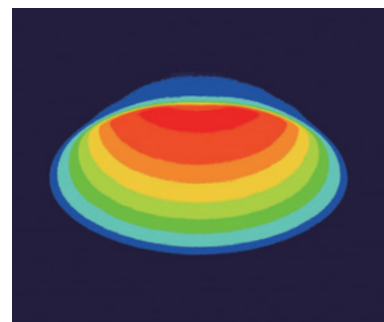
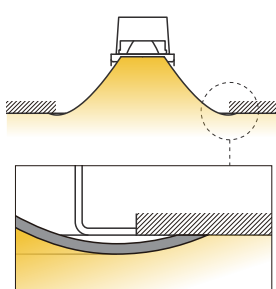
Graduated luminosity

Smooth gradation of luminance from light source to ceiling, which reduces glare and unifies the fixture and ceiling.
 No hotspot of light aperture in ceiling
 Smooth soft curves eliminates high contrast hotspot of light "fixture" in ceiling.

General downlight



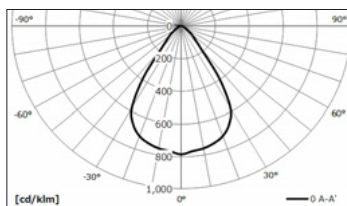
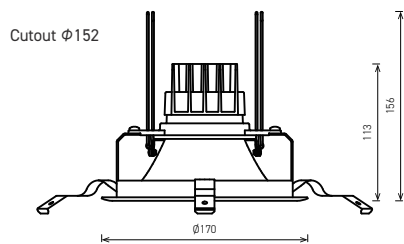
SoftLight





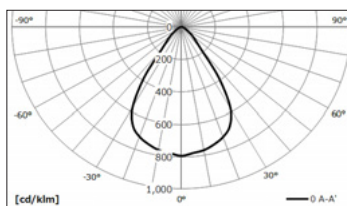
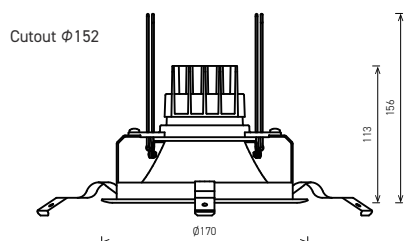
Mount	Recessed			
Size	Φ170		Φ220	
Wattage	11W	15W	17W	21W
Efficacy	≥100lm/W (CRI80, 4000K)			
CRI	CRI >80 / >90			
CCT	3000K / 4000K / 5000K			
Dimming	Non-Dimmable / DALI2			
Finish	White			

Specifications

11W $\phi 170$ CRI80

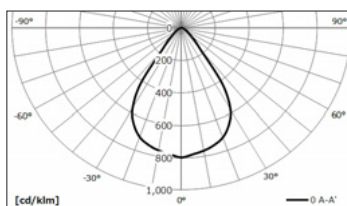
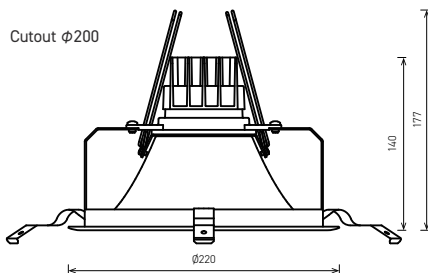
1100 lm (4000K)
240V
SDCM <3
IK 02
White
1.1kg

3000K
KRLD0201138NW
4000K
KRLD0201148NW
5000K
KRLD0201158NW
(Non-Dimmable)

15W $\phi 170$ CRI80

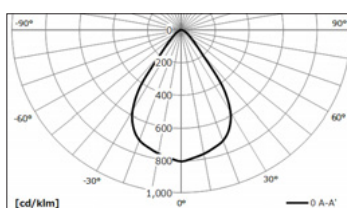
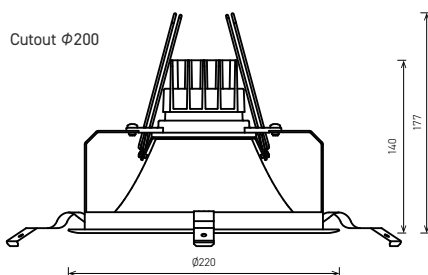
1500 lm (4000K)
240V
SDCM <3
IK 02
White
1.1kg

3000K
KRLD0201538NW
4000K
KRLD0201548NW
5000K
KRLD0201558NW
(Non-Dimmable)

17W $\phi 220$ CRI80

1700 lm (4000K)
240V
SDCM <3
IK 02
White
1.3kg

3000K
KRLD0201738NW
4000K
KRLD0201748NW
5000K
KRLD0201758NW
(Non-Dimmable)

21W $\phi 220$ CRI80

2100 lm (4000K)
240V
SDCM <3
IK 02
White
1.3kg

3000K
KRLD0202138NW
4000K
KRLD0202148NW
5000K
KRLD0202158NW
(Non-Dimmable)

*For other SKU details, please contact us or download from the Web



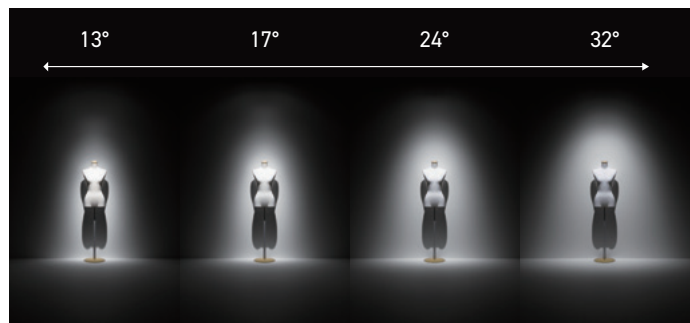
TOLSO

Beam-free Track Spot Light



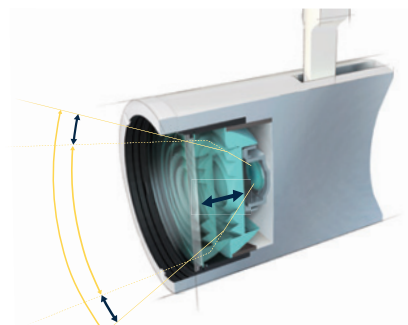
Beam-free system

Rotating system for the head of fixture makes it easy to adjust the light distribution from narrow to wide angles, according to the customer's needs.



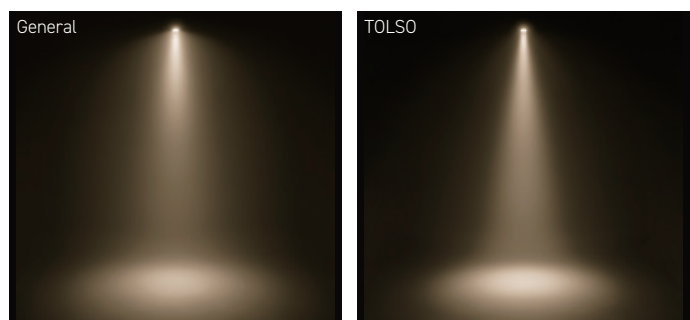
Unique optical design

Combining a hybrid Fresnel lens and heat-resistant silicone lens, providing beautiful light with reduced glare and light distribution adjustment system.



High-quality spot lighting

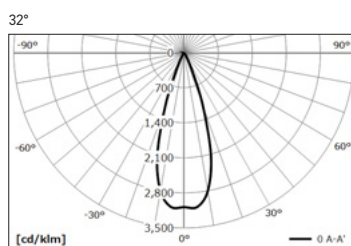
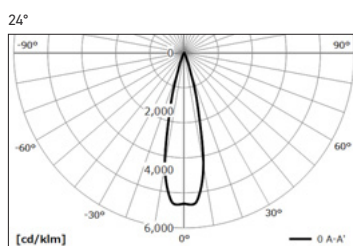
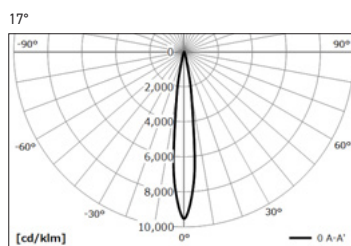
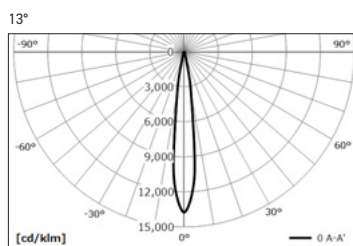
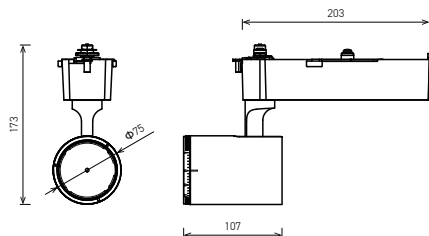
- Improved spot Light distribution
- Increased central luminous flux
- Average brightness reduced by 80%
- Low light glare and scattering



Size	Φ75			Φ94		Φ106
Wattage	9W	12W	15W	19W	28W	40W
Optics	≥72lm/W (4000K)	≥83lm/W (4000K)	≥80lm/W (4000K)	≥90lm/W (4000K)	≥86lm/W (4000K)	≥80lm/W (4000K)
Beam	13°-32°			14°-34°		14°-35°
CRI	CRI >80					
CCT	3000K / 4000K / 5000K					
Dimming	Non-Dimmable					
Finish	White					

Specifications

Φ75 9W / 12W / 15W



9W
650 lm (4000K)

3000K
KTLS0110938NW
4000K
KTLS0110948NW
5000K
KTLS0110958NW

12W
1000 lm (4000K)

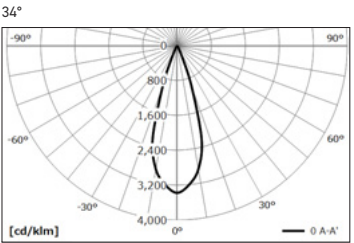
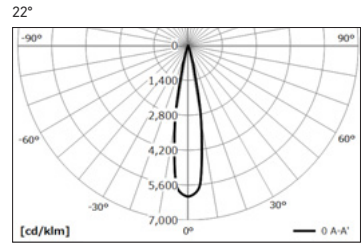
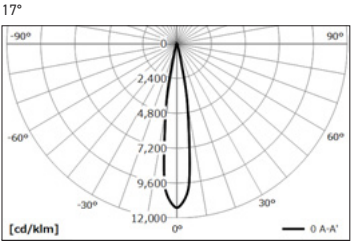
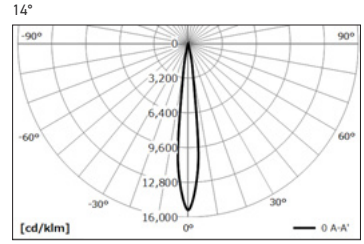
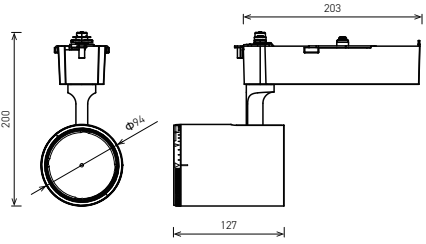
3000K
KTLS0111238NW
4000K
KTLS0111248NW
5000K
KTLS0111258NW

15W
1200 lm (4000K)

3000K
KTLS0111538NW
4000K
KTLS0111548NW
5000K
KTLS0111558NW

240V
SDCM <3
White
1.1kg

Φ94 19W / 28W



19W
1700 lm (4000K)

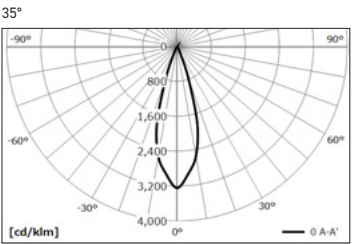
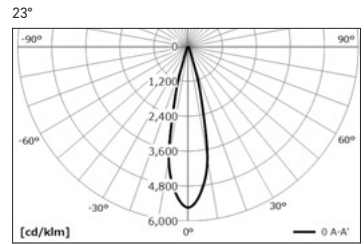
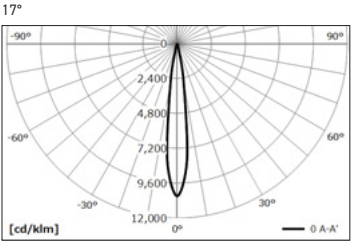
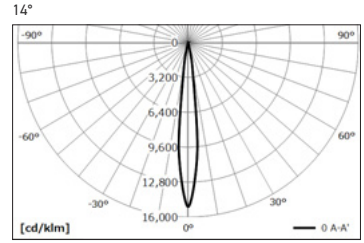
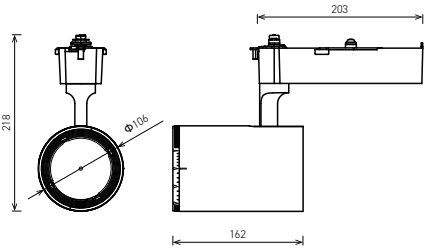
3000K
KTLS0111938NW
4000K
KTLS0111948NW
5000K
KTLS0111958NW

28W
2400 lm (4000K)

3000K
KTLS0112838NW
4000K
KTLS0112848NW
5000K
KTLS0112858NW

240V
SDCM <3
White
1.3kg

Φ106 40W

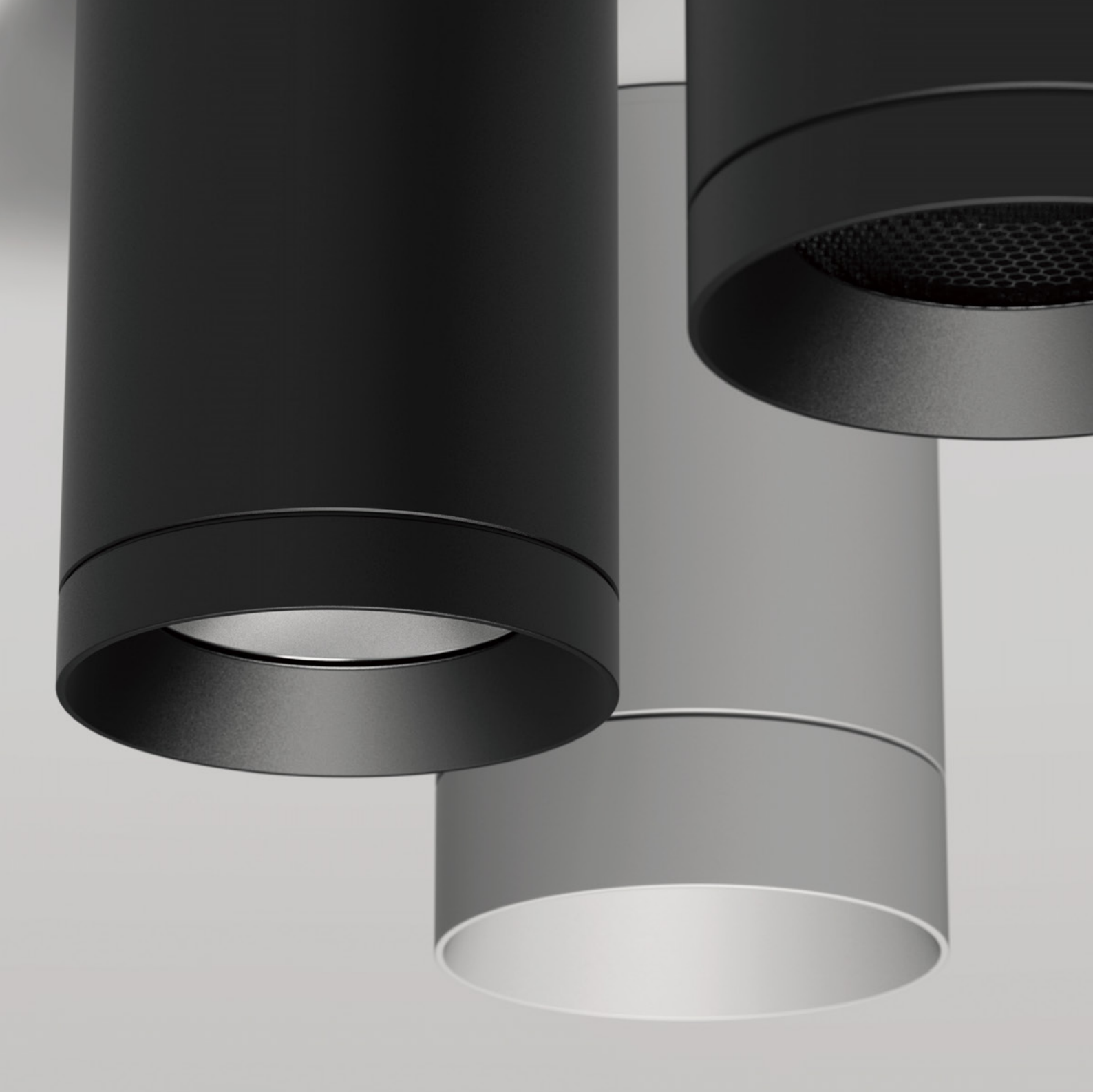


40W
3200 lm (4000K)

3000K
KTLS0114038NW
4000K
KTLS0114048NW
5000K
KTLS0114058NW

240V
SDCM <3
White
2.0kg

*For other SKU details, please contact us or download from the Web



CYLIO

Surface Downlight

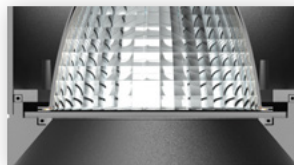


Common housing family

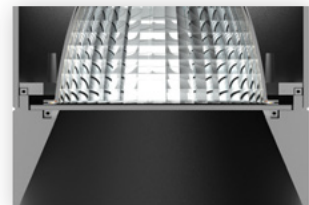
Multiple combinations of LED and optical accessory options with common housing unit.

- Low lip : High efficiency
- Deep lip : High visual comfort
- Optics option : Honeycomb louvre

20mm lip
High efficiency



40mm lip
High visual comfort



Noiseless plain shape

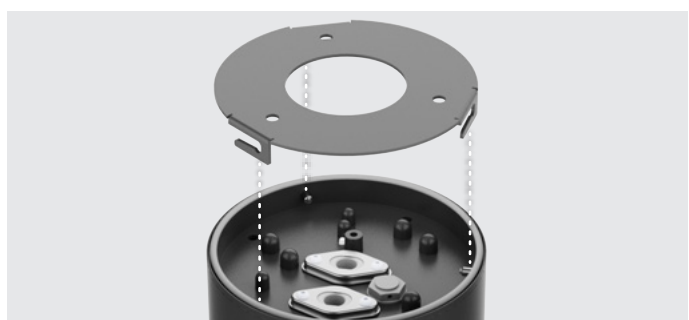
Precisely designed cylinder shape blend into architecture.

- Screw is not visible on the surface
- Lip angle designed not to reflect light
- Minimum rim width reduce visibility of fixture



Elaborate details design

- Rotational twist to lock mechanism
- Built in loop-in loop-out wiring
- Anti condensation breather valve

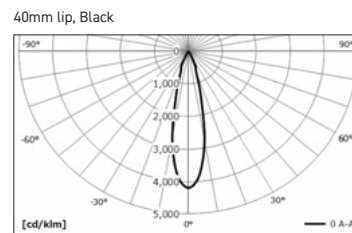
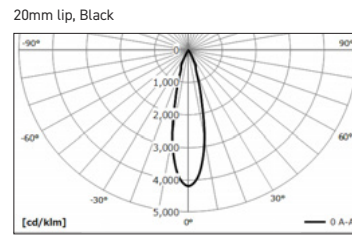
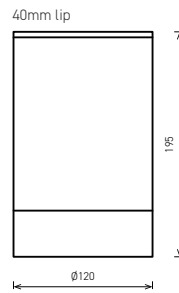
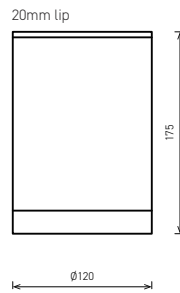




Size	Φ100		Φ120		
Wattage	10W	15W	20W	30W	36W
Lip type	20mm lip / 40mm lip				
Optics	Reflector / Honeycomb				
Beam	28° / 36° / 45° (Reflector)		24° / 36° / 57° (Reflector)		
Efficacy	≥88lm/W (28°, 20mm lip, CRI80, 4000K) ≥100lm/W (36°/45°, 20mm lip, CRI80, 4000K)		≥100lm/W (20mm lip, CRI80, 4000K)		
CRI	CRI >80 / >90				
CCT	3000K / 4000K / 5000K				
Dimming	Non-Dimmable / DALI2				
Finish	Gray aluminium / Black				

Specifications

20W / 30W / 36W Reflector type 24° CRI80

**20W (4000K)**

20mm lip : 2020 lm

40mm lip : 1900 lm

KSRD0132048NB**KSRD0142048NB****30W (4000K)**

20mm lip : 3030 lm

40mm lip : 2850 lm

KSRD0133048NB**KSRD0143048NB****36W (4000K)**

20mm lip : 3630 lm

40mm lip : 3420 lm

KSRD0133648NB**KSRD0143648NB**

240V

SDCM <3

IK 07

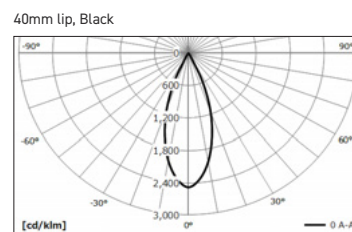
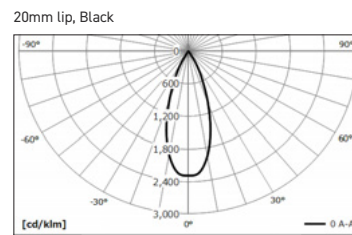
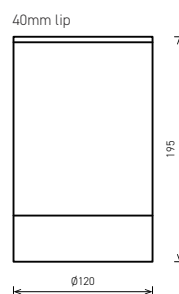
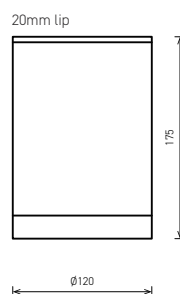
Gray aluminium
/ Black

20mm lip : 1.8kg

40mm lip : 2.0kg

(4000K, Black,
Non-Dimmable)

20W / 30W / 36W Reflector type 36° CRI80

**20W (4000K)**

20mm lip : 2060 lm

40mm lip : 1940 lm

KSRD0152048NB**KSRD0162048NB****30W (4000K)**

20mm lip : 3090 lm

40mm lip : 2910 lm

KSRD0153048NB**KSRD0163048NB****36W (4000K)**

20mm lip : 3700 lm

40mm lip : 3490 lm

KSRD0153648NB**KSRD0163648NB**

240V

SDCM <3

IK 07

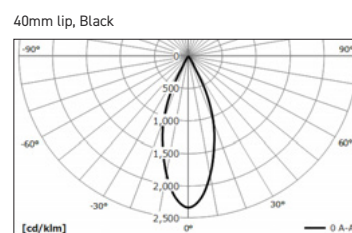
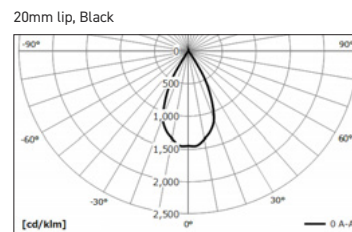
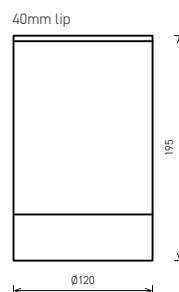
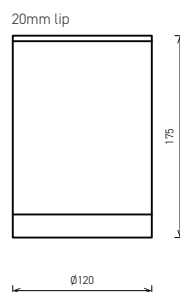
Gray aluminium
/ Black

20mm lip : 1.8kg

40mm lip : 2.0kg

(4000K, Black,
Non-Dimmable)

20W / 30W / 36W Reflector type 57° CRI80

**20W (4000K)**

20mm lip : 2020 lm

40mm lip : 1900 lm

KSRD0172048NB**KSRD0182048NB****30W (4000K)**

20mm lip : 3030 lm

40mm lip : 2850 lm

KSRD0173048NB**KSRD0183048NB****36W (4000K)**

20mm lip : 3630 lm

40mm lip : 3420 lm

KSRD0173648NB**KSRD0183648NB**

240V

SDCM <3

IK 07

Gray aluminium
/ Black

20mm lip : 1.8kg

40mm lip : 2.0kg

(4000K, Black,
Non-Dimmable)

*For other SKU details, please contact us or download from the Web



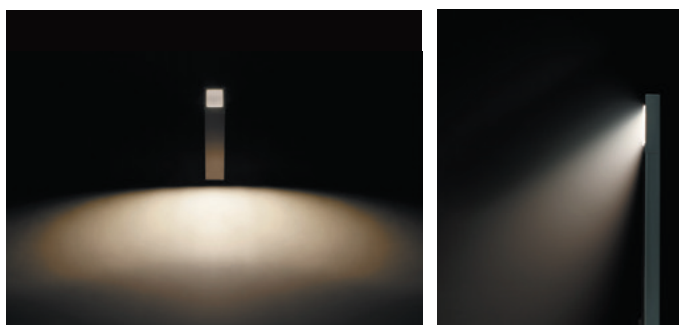
Broad Washer

LGP Bollard



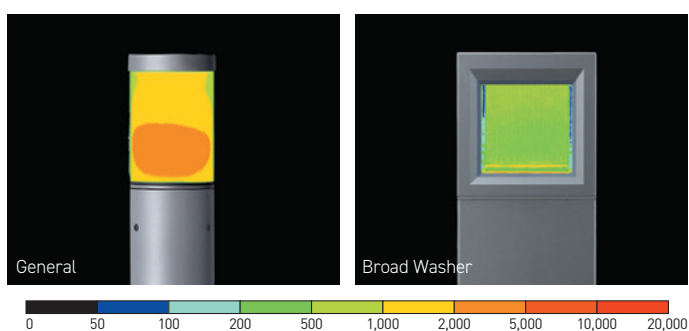
Wide distribution

Light guide panel designed with original optical technology, provides wide and downwards light distribution.



Reduce glare

Unique micro-prism-processed light guide panel achieve lower luminance than general fixtures. Hence, it reduces night-time landscape noise.



Harmony with landscape

Thin fixtures reduce noise in the landscape. Especially the Dual-side type provides seamless look with the landscape by transparent light guide plate to backside.

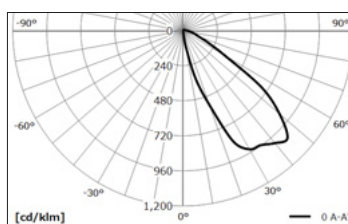
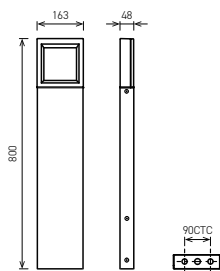




Size	H= 800mm / 1200mm	
Wattage	13W	
Optics	Single side	Dual side
Efficacy	$\geq 42\text{lm/W}$ (3000K)	$\geq 47\text{lm/W}$ (3000K)
CRI	CRI >80	
CCT	3000K / 4000K	
Dimming	Non-Dimmable	
Finish	Gray aluminium	

Specifications

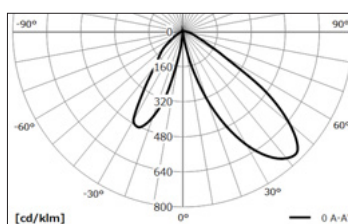
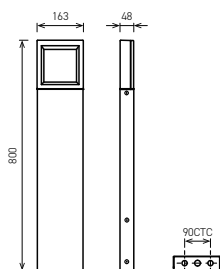
Single side LGP H800



555 lm (3000K)
240V
SDCM <3
IK 07
Gray aluminium
4.8kg

3000K
K0GB0111338NG
4000K
K0GB0111348NG

Dual side LGP H800

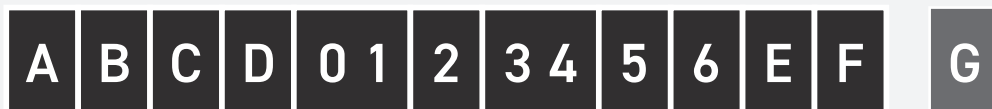


615 lm (3000K)
240V
SDCM <3
IK 07
Gray aluminium
4.9kg

3000K
K0GB0131338NG
4000K
K0GB0131348NG

*For other SKU details, please contact us or download from the Web

ITEM CODE



(A) Series

K : KUUV
T : TUALUX

(B) Mounting type

R : Recessed
S : Surface
P : Suspended
M : Semi-Recessed
T : Track
W : Wall
O : Pole
I : Inground

(C) Optics type

D : Diffuser
P : Prismatic
R : Reflector
L : Lens
H : Honeycomb
V : Louvre
G : LGP

(D) Fixture type

L : Linear light
D : Downlight
X : 2x2 Baselight
S : Spot light
F : Flood light
B : Bollard light
P : Post top
R : Street light
T : Strip light

(01) Family

(2) Beam Angle / Options

These are numbered as listed in a chart on the next page.

(34) Wattage

(5) CCT

2 : 2000K-
3 : 3000K-
4 : 4000K-
5 : 5000K-

*Other CCTs defined by different numbers or (G) custom numbers

(6) CRI

8 : CRI>80-
9 : CRI>90-

(E) Dimming

N : Non-Dim
D : DALI2

(G) Custom

(F) Finish

W : White
B : Black
G : Gray

Fixture Type	(01) Product Family		Optics	(2) Beam Angle / Options		
Linear Light (L)	FLOAT Linear	01	LGP (G)	-	Single panel, Standalone Dual panels, Standalone Dual panels, Semi-continuous Dual panels, Continuous	1 2 3 4
	AXLINE Standalone Semi-continuous Continuous	02	Diffuser (D) Prismatic (P)	-	-	0
		03	Reflector (R)	35 50 80 25x70 WW	-	1 2 3 4 5
		04				
Downlight (D)	ExCYL	01	Reflector (R)	15°	20mm lip 40mm lip	1 2
				24°	20mm lip 40mm lip	3 4
				36°	20mm lip 40mm lip	5 6
				57°	20mm lip 40mm lip	7 8
			Honeycomb (H)	10°	20mm lip 40mm lip	1 2
				20°	20mm lip 40mm lip	3 4
				30°	20mm lip 40mm lip	5 6
				40°	20mm lip 40mm lip	7 8
	Softlight	02	Lens (L)	75°	-	0
2x2 Base Light (X)	FLOAT Square	01	LGP (G)	-	Single panel Dual panels Quad panels	1 2 3
Spot Light (S)	TOLSO	01	Lens (L)	-	-	0
Bollard (B)	Broad Washer	01	LGP (G)	-	Single side, H800 Single side, H1200 Dual side, H800 Dual side, H1200	1 2 3 4

Edition 1.0

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