OPTO ENGINEERING

TC4K090-F

Telecentric lens for 4k linescan cameras, magnification 0.319x, F-mount

SPECIFICATIONS

Magnification	(x)	0.319
Image width	(mm)	28.7
Object field of view		
with 2k x 10 μm detector 20.48	(mm)	64.3
with 4k x 7 μm detector 28.67	(mm)	90.0
Optical specifications		
Working distance (1)	(mm)	174.0
wF/# (2)		16
Telecentricity typical (max) (3)	(deg)	0.05 (0.10)
Distortion typical (max) (4)	(%)	0.05 (0.08)
Field depth (5)	(mm)	16.4
CTF @ 50 lp/mm	(%)	>30
Mechanical specifications		
Mount		F
Flange distance		46.5
Length (6)	(mm)	360.7
Width	(mm)	114
Height	(mm)	64
Mass	(g)	1952
Last update: 2015-04-01		





All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only.

NOTEC

- 1. Working distance: distance between the front end of the mechanics and the object. Set this distance within +/- 3% of the nominal value for maximum resolution and minimum distortion.
- 2. Working F-number (wF/#): the real F-number of a lens when used as a macro. Lenses with smaller apertures can be supplied on request.
- Maximum slope of chief rays inside the lens: when converted to milliradians, it gives the maximum measurement error for any millimeter of object displacement. Typical (average production) values and maximum (guaranteed) values are listed.
- 4. Percent deviation of the real image compared to an ideal, undistorted image: typical (average production) values and maximum (guaranteed) values are listed.
- 5. At the borders of the field depth the image can be still used for measurement but, to get a perfectly sharp image, only half of the nominal field depth should be considered. Pixel size used for calculation is 7 µm.
- 6. Indicates the availability of an integrated camera phase adjustment feature.
- 7. Measured from the front end of the mechanics to the camera flange.

COMPATIBLE PRODUCTS

Despite the efforts made to generate an error-free compatibility list, we always recommend to consult the Opto Engineering® technical support department before purchasing a compatible product. Opto Engineering® shall not be liable for any damage or malfunctioning caused by the incorrect selection of a compatible product.



LTCL4K series

Flat telecentric illuminators for linescan cameras

LTCL4K090-G Telecentric illuminator for linescan cameras, line width 90 mm, green

LTCL4K090-W Telecentric illuminator for linescan cameras, line width 90 mm, white



LTBRDC series

Continuous LED bar lights

LTZPFL120-00-6-W-24V	LED bar light, 6 LED rows, 120X26.3 illumination area, white, 24V
LTZPFL120-00-6-R-24V	LED bar light, 6 LED rows, 120X26.3 illumination area, red, 24V
LTZPFL120-00-6-G-24V	LED bar light, 6 LED rows, 120X26.3 illumination area, green, 24V
LTZPFL120-00-6-B-24V	LED bar light, 6 LED rows, 120X26.3 illumination area, blue, 24V



Continuous LED line lights

LTLNC100-W	LED line light 100 mm, white
LTLNC100-R	LED line light 100 mm, red
LTLNC100-G	LED line light 100 mm, green
LTLNC100-B	LED line light 100 mm, blue
LTLNC100-IR850	LED line light 100 mm, IR 850 nm
LTLNC150-W	LED line light 150 mm, white
LTLNC150-R	LED line light 150 mm, red
LTLNC150-G	LED line light 150 mm, green
LTLNC150-B	LED line light 150 mm, blue
LTLNC150-IR850	LED line light 150 mm, IR 850 nm
LTLNC200-W	LED line light 200 mm, white
LTLNC200-R	LED line light 200 mm, red
LTLNC200-G	LED line light 200 mm, green
LTLNC200-B	LED line light 200 mm, blue
LTLNC200-IR850	LED line light 200 mm, IR 850 nm
LTLNC300-W	LED line light 300 mm, white
LTLNC300-R	LED line light 300 mm, red
LTLNC300-G	LED line light 300 mm, green
LTLNC300-B	LED line light 300 mm, white
LTLNC300-IR850	LED line light 300 mm, IR 850 nm



LTCXC series

Continuous LED coaxial lights

LT2QOG100-00-X-W-24V	LED coaxial light, 100x100 mm light emitting area, white, 24V
LT2QOG100-00-X-R-24V	LED coaxial light, 100x100 mm light emitting area, red, 24V
LT2QOG100-00-X-G-24V	LED coaxial light, 100x100 mm light emitting area, green, 24V
LT2QOG100-00-X-B-24V	LED coaxial light, 100x100 mm light emitting area, blue, 24V



Flicker free high power focused modular LED line lights

LTLNM-0200-N-FC-W	Modular LED line light, 200mm lenght, near field focusing, fan cooling, white
LTLNM-0200-N-D-FC-W	Modular LED line light, 200mm lenght, near field focusing, diffuser, fan cooling white
LTLNM-0200-F-FC-W	Modular LED line light, 200mm lenght, far field focusing, fan cooling, white
LTLNM-0200-F-D-FC-W	eq:modular LED line light, 200mm lenght, far field focusing, diffuser, fan cooling, white
LTLNM-0200-C-FC-W	Modular LED line light, 200mm lenght, collimated, fan cooling, white
LTLNM-0200-C-D-FC-W	Modular LED line light, 200mm lenght, collimated, diffuser, fan cooling, white
LTLNM-0400-N-FC-W	Modular LED line light, 400mm lenght, near field focusing, fan cooling, white
LTLNM-0400-N-D-FC-W	Modular LED line light, 400mm lenght, near field focusing, diffuser, fan cooling white
LTLNM-0400-F-FC-W	Modular LED line light, 400mm lenght, far field focusing, fan cooling, white
LTLNM-0400-F-D-FC-W	eq:modular LED line light, 400mm lenght, far field focusing, diffuser, fan cooling, white
LTLNM-0400-C-FC-W	Modular LED line light, 400mm lenght, collimated, fan cooling, white
LTLNM-0400-C-D-FC-W	Modular LED line light, 400mm lenght, collimated, diffuser, fan cooling, white
LTLNM-0600-N-FC-W	Modular LED line light, 600mm lenght, near field focusing, fan cooling, white
LTLNM-0600-N-D-FC-W	Modular LED line light, 600mm lenght, near field focusing, diffuser, fan cooling white
LTLNM-0600-F-FC-W	Modular LED line light, 600mm lenght, far field focusing, fan cooling, white
LTLNM-0600-F-D-FC-W	Modular LED line light, 600mm lenght, far field focusing, diffuser, fan cooling, white

LTLNM-0600-C-FC-W	Modular LED line light, 600mm lenght, collimated, fan cooling, white
LTLNM-0600-C-D-FC-W	Modular LED line light, 600mm lenght, collimated, diffuser, fan cooling, white
LTLNM-0800-N-FC-W	Modular LED line light, 800mm lenght, near field focusing, fan cooling, white
LTLNM-0800-N-D-FC-W	Modular LED line light, 800mm lenght, near field focusing, diffuser, fan cooling, white
LTLNM-0800-F-FC-W	Modular LED line light, 800mm lenght, far field focusing, fan cooling, white
LTLNM-0800-F-D-FC-W	Modular LED line light, 800mm lenght, far field focusing, diffuser, fan cooling, white
LTLNM-0800-C-FC-W	Modular LED line light, 800mm lenght, collimated, fan cooling, white
LTLNM-0800-C-D-FC-W	Modular LED line light, 800mm lenght, collimated, diffuser, fan cooling, white
LTLNM-1000-N-FC-W	Modular LED line light, 1000mm lenght, near field focusing, fan cooling, white
LTLNM-1000-N-D-FC-W	Modular LED line light, 1000mm lenght, near field focusing, diffuser, fan cooling, white
LTLNM-1000-F-FC-W	Modular LED line light, 1000mm lenght, far field focusing, fan cooling, white
LTLNM-1000-F-D-FC-W	eq:modular LED line light, 1000mm lenght, far field focusing, diffuser, fan cooling, white
LTLNM-1000-C-FC-W	Modular LED line light, 1000mm lenght, collimated, fan cooling, white
LTLNM-1000-C-D-FC-W	Modular LED line light, 1000mm lenght, collimated, diffuser, fan cooling, white
LTLNM-1200-N-FC-W	Modular LED line light, 1200mm lenght, near field focusing, fan cooling, white
LTLNM-1200-N-D-FC-W	Modular LED line light, 1200mm lenght, near field focusing, diffuser, fan cooling, white
LTLNM-1200-F-FC-W	Modular LED line light, 1200mm lenght, far field focusing, fan cooling, white
LTLNM-1200-F-D-FC-W	Modular LED line light, 1200mm lenght, far field focusing, diffuser, fan cooling, white
LTLNM-1200-C-FC-W	Modular LED line light, 1200mm lenght, collimated, fan cooling, white
LTLNM-1200-C-D-FC-W	Modular LED line light, 1200mm lenght, collimated, diffuser, fan cooling, white
LTLNM-1400-N-FC-W	Modular LED line light, 1400mm lenght, near field focusing, fan cooling, white
LTLNM-1400-N-D-FC-W	Modular LED line light, 1400mm lenght, near field focusing, diffuser, fan cooling, white
LTLNM-1400-F-FC-W	Modular LED line light, 1400mm lenght, far field focusing, fan cooling, white
LTLNM-1400-F-D-FC-W	Modular LED line light, 1400mm lenght, far field focusing, diffuser, fan cooling, white
LTLNM-1400-C-FC-W	Modular LED line light, 1400mm lenght, collimated, fan cooling, white
LTLNM-1400-C-D-FC-W	Modular LED line light, 1400mm lenght, collimated, diffuser, fan cooling, white
LTLNM-1600-N-FC-W	Modular LED line light, 1600mm lenght, near field focusing, fan cooling, white
LTLNM-1600-N-D-FC-W	Modular LED line light, 1600mm lenght, near field focusing, diffuser, fan cooling, white
LTLNM-1600-F-FC-W	Modular LED line light, 1600mm lenght, far field focusing, fan cooling, white
LTLNM-1600-F-D-FC-W	Modular LED line light, 1600mm lenght, far field focusing, diffuser, fan cooling, white
LTLNM-1600-C-FC-W	Modular LED line light, 1600mm lenght, collimated, fan cooling, white
LTLNM-1600-C-D-FC-W	Modular LED line light, 1600mm lenght, collimated, diffuser, fan cooling, white
LTLNM-1800-N-FC-W	Modular LED line light, 1800mm lenght, near field focusing, fan cooling, white
LTLNM-1800-N-D-FC-W	Modular LED line light, 1800mm lenght, near field focusing, diffuser, fan cooling, white
LTLNM-1800-F-FC-W	Modular LED line light, 1800mm lenght, far field focusing, fan cooling, white
LTLNM-1800-F-D-FC-W	Modular LED line light, 1800mm lenght, far field focusing, diffuser, fan cooling, white
LTLNM-1800-C-FC-W	Modular LED line light, 1800mm lenght, collimated, fan cooling, white
LTLNM-1800-C-D-FC-W	Modular LED line light, 1800mm lenght, collimated, diffuser, fan cooling, white
LTLNM-2000-N-FC-W	Modular LED line light, 2000mm lenght, near field focusing, fan cooling, white
LTLNM-2000-N-D-FC-W	Modular LED line light, 2000mm lenght, near field focusing, diffuser, fan cooling, white
LTLNM-2000-F-FC-W	Modular LED line light, 2000mm lenght, far field focusing, fan cooling, white
LTLNM-2000-F-D-FC-W	$\label{eq:modular_led} \mbox{Modular LED line light, 2000mm lenght, far field focusing, diffuser, fan cooling, white}$
LTLNM-2000-C-FC-W	Modular LED line light, 2000mm lenght, collimated, fan cooling, white
LTLNM-2000-C-D-FC-W	Modular LED line light, 2000mm lenght, collimated, diffuser, fan cooling, white



High power enhanced LED line lights

LTLNE-300-N-PC-W	LED line light, direct, 300mm length, near field focusing, passive cooling, white
LTLNE-300-N-FC-W	LED line light, direct, 300mm length, near field focusing, fan cooling, white

LTLNE-300-C-P-C-W LED line light, direct, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-F-P-C-W LED line light, direct, 300mm length, far field focusing, fan cooling, white LTLNE-300-F-D-P-C-W LED line light, direct, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-F-D-P-C-W LED line light, direct, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-P-C-W LED line light, direct, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-C-P-C-W LED line light, direct, 300mm length, collimated, fan cooling, white LTLNE-300-C-P-C-W LED line light, direct, 300mm length, collimated, fan cooling, white LTLNE-300-C-P-C-W LED line light, direct, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-C-P-C-W LED line light, cavaial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-C-N-P-C-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-C-N-P-C-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-C-N-P-C-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-C-N-P-C-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-C-R-P-C-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-C-R-P-C-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-R-P-C-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-C-R-P-C-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-R-P-C-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-R-P-C-W LED line light, 45° mirror, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-R-P-C-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-R	LTLNE-300-N-D-PC-W	LED line light, direct, 300mm length, near field focusing, diffuser, passive cooling, white
LTLNE-300-F-D-C-W LED line light, direct, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-F-D-FC-W LED line light, direct, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, passive cooling, white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, passive cooling, white LTLNE-300-C-D-PC-W LED line light, direct, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-D-PC-W LED line light, direct, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-D-PC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-C-N-PC-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-C-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-C-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-MR-N-D-C-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-D-C-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-P-D-C-W LED line light, 45° mirror, 300mm length, far field focusing, diffuse	LTLNE-300-N-D-FC-W	5
LTLNE-300-F-D-PC-W LED line light, direct, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-F-D-FC-W LED line light, direct, 300mm length, collimated, passive cooling, white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, passive cooling, white LTLNE-300-C-D-PC-W LED line light, direct, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-D-PC-W LED line light, direct, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-C-N-PC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-C-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-C-N-D-FC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-C-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-F-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-MR-N-D-C-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-MR-N-D-C-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-MR-N-D-C-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-P-D-C-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-C-W LED line light, 45° mirror, 300	LTLNE-300-F-PC-W	LED line light, direct, 300mm length, far field focusing, passive cooling, white
COOLING, white LET LINE-300-F-D-FC-W LED line light, direct, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, passive cooling, white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, fan cooling, white LTLNE-300-C-D-FC-W LED line light, direct, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-C-N-PC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-C-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-C-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-C-F-PC-W LED line light, coaxial, 300mm length, far field focusing, passive cooling, white LTLNE-300-C-F-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-F-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-F-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-F-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-PC-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-C-PC-PC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm len	LTLNE-300-F-FC-W	LED line light, direct, 300mm length, far field focusing, fan cooling, white
white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, passive cooling, white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, fan cooling, white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-PC-W LED line light, direct, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-CX-N-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-CX-N-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-CX-P-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-PC-W LED line light, 45° m	LTLNE-300-F-D-PC-W	
LTLNE-300-C-FC-W LED line light, direct, 300mm length, collimated, fan cooling, white LTLNE-300-C-D-PC-W LED line light, direct, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-N-PC-W LED line light, direct, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-C-N-PC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-C-N-D-C-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-C-N-D-C-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-C-N-D-FC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-C-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-P	LTLNE-300-F-D-FC-W	
LTLNE-300-C-D-PC-W LED line light, direct, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-C-D-FC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-CK-N-PC-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-CK-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-CK-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-CK-N-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CK-F-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CK-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CK-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CK-C-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CK-C-D-FC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CK-C-D-FC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-CK-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CK-C-D-FC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W	LTLNE-300-C-PC-W	LED line light, direct, 300mm length, collimated, passive cooling, white
white LTLNE-300-C-D-FC-W LED line light, direct, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-CX-N-PC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-CX-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-CX-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-CX-N-D-FC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-CX-F-DC-W LED line light, coaxial, 300mm length, far field focusing, passive cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-D-C-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white	LTLNE-300-C-FC-W	LED line light, direct, 300mm length, collimated, fan cooling, white
LTLNE-300-CX-N-PC-W LED line light, coaxial, 300mm length, near field focusing, passive cooling, white LTLNE-300-CX-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-CX-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-CX-N-D-FC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, passive cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-MR-N-D-C-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collimated, fan	LTLNE-300-C-D-PC-W	
white LTLNE-300-CX-N-FC-W LED line light, coaxial, 300mm length, near field focusing, fan cooling, white LTLNE-300-CX-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-CX-N-D-FC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, passive cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collim	LTLNE-300-C-D-FC-W	LED line light, direct, 300mm length, collimated, diffuser, fan cooling, white
LTLNE-300-CX-N-D-PC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-DC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, passive cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-FC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-FC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, follimated, passive cooling, white	LTLNE-300-CX-N-PC-W	
LTLNE-300-CX-N-D-FC-W LED line light, coaxial, 300mm length, near field focusing, diffuser, fan cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, passive cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-P-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white	LTLNE-300-CX-N-FC-W	LED line light, coaxial, 300mm length, near field focusing, fan cooling, white
cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, passive cooling, white LTLNE-300-CX-F-PC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white	LTLNE-300-CX-N-D-PC-W	
white LTLNE-300-CX-F-FC-W LED line light, coaxial, 300mm length, far field focusing, fan cooling, white LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, diffuser, passive cooling, white	LTLNE-300-CX-N-D-FC-W	3 7 3 3 7
LTLNE-300-CX-F-D-PC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-CX-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white	LTLNE-300-CX-F-PC-W	
cooling, white LTLNE-300-CX-F-D-FC-W LED line light, coaxial, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-FC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-FC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white	LTLNE-300-CX-F-FC-W	LED line light, coaxial, 300mm length, far field focusing, fan cooling, white
white LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, passive cooling, white LTLNE-300-CX-C-FC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-FC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-D-C-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white	LTLNE-300-CX-F-D-PC-W	
LTLNE-300-CX-C-PC-W LED line light, coaxial, 300mm length, collimated, fan cooling, white LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white	LTLNE-300-CX-F-D-FC-W	
LTLNE-300-CX-C-D-PC-W LED line light, coaxial, 300mm length, collimated, diffuser, passive cooling, white LTLNE-300-CX-C-D-FC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-FC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-FC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white	LTLNE-300-CX-C-PC-W	LED line light, coaxial, 300mm length, collimated, passive cooling, white
white LTLNE-300-CX-C-D-FC-W LED line light, coaxial, 300mm length, collimated, diffuser, fan cooling, white LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-FC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white	LTLNE-300-CX-C-FC-W	LED line light, coaxial, 300mm length, collimated, fan cooling, white
LTLNE-300-MR-N-PC-W LED line light, 45° mirror, 300mm length, near field focusing, passive cooling, white LTLNE-300-MR-N-FC-W LED line light, 45° mirror, 300mm length, near field focusing, fan cooling, white LTLNE-300-MR-N-D-PC-W LED line light, 45° mirror, 300mm length, near field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-PC-W LED line light, 45° mirror, 300mm length, far field focusing, passive cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-FC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white	LTLNE-300-CX-C-D-PC-W	
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white LTLNE-300-MR-F-FC-W LED line light, 45° mirror, 300mm length, far field focusing, fan cooling, white LTLNE-300-MR-F-D-PC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, passive cooling, white LTLNE-300-MR-F-D-FC-W LED line light, 45° mirror, 300mm length, far field focusing, diffuser, fan cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-FC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collimated, diffuser, passive cooling, white	LTLNE-300-MR-N-D-PC-W	
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cooling, white LTLNE-300-MR-C-PC-W LED line light, 45° mirror, 300mm length, collimated, passive cooling, white LTLNE-300-MR-C-FC-W LED line light, 45° mirror, 300mm length, collimated, fan cooling, white LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collimated, diffuser, passive cooling, white	LTLNE-300-MR-F-D-PC-W	
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LTLNE-300-MR-C-D-PC-W LED line light, 45° mirror, 300mm length, collimated, diffuser, passive cooling, white	LTLNE-300-MR-C-PC-W	LED line light, 45° mirror, 300mm length, collimated, passive cooling, white
cooling, white	LTLNE-300-MR-C-FC-W	LED line light, 45° mirror, 300mm length, collimated, fan cooling, white
LTLNE-300-MR-C-D-FC-W LED line light, 45° mirror, 300mm length, collimated, diffuser, fan cooling,	LTLNE-300-MR-C-D-PC-W	
white	LTLNE-300-MR-C-D-FC-W	



45° first surface mirrors

CMMR4K090-V	45° adjustable first surface mirror, clamping size 114x38.5 mm, right angle vertical bend
CMMR4K090-L	45° adjustable first surface mirror, clamping size 114x38.5 mm, right angle lateral bend