

PRODUCT DATASHEET FP15752_STRADA-2X2MXS-T3

STRADA-2X2MXS-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height.

TECHNICAL SPECIFICATIONS:

Dimensions	90.0 x 90.0 mm
Dimensions	90.0 X 90.0 mm
Height	14.8 mm
Fastening	screw
Ingress protection classes	IP67
ROHS compliant	yes 🛈



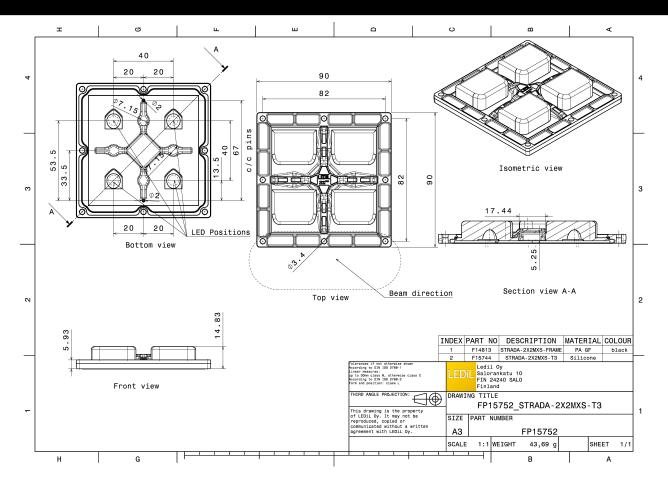
MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADA-2X2MXS-T3	Multi-lens	Silicone	clear	
STRADA-2X2MXS-FRAME	Holder	PA66	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP15752_STRADA-2X2MXS-T3	Multi-lens	192	24	12	10.2
» Box size: 398 x 298 x 265 mm					

PRODUCT DATASHEET FP15752_STRADA-2X2MXS-T3



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See also our general installation guide: www.ledil.com/installation_guide



PHOTOMETRIC DATA (MEASURED):

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LED	™ XT-E HE	No. Contraction of the second se
FWHM / FWTM	Asymmetric	732 772
Efficiency	89 %	X X
Peak intensity	0.7 cd/lm	60 ⁴ 60 ⁴
LEDs/each optic	1	400
Light colour	White	45*
Required componer		\times
		610
		\times / \setminus \times
		800
		(30° 15° 0° 15° 30°
CUMIL	EDS	90* 90*
LED	LUXEON M/MX	L L
FWHM / FWTM	Asymmetric	750 200
Efficiency	92 %	
Peak intensity	0.9 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45'
Required componer	Its:	000
		\times / \setminus \times
		800
		30°
MNICHI		90* 90*
LED	NV9W149AM	9
FWHM / FWTM	Asymmetric	
Efficiency	87 %	60° 60°
Peak intensity	0.5 cd/lm	
LEDs/each optic	1	
Light colour	White	45° 400 45°
Required componer	IS:	
		XIIX
		30° 15° 30°
CARACI		
SAMSL		90* 90*
LED	HiLOM SC16 (LH181B)	23 · · · · · · · · · · · · · · · · · · ·
LED FWHM / FWTM	HiLOM SC16 (LH181B) Asymmetric	224
LED FWHM / FWTM Efficiency	HiLOM SC16 (LH181B) Asymmetric 91 %	
LED FWHM / FWTM Efficiency Peak intensity	HiLOM SC16 (LH181B) Asymmetric 91 % 1 cd/lm	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM SC16 (LH181B) Asymmetric 91 % 1 cd/lm 1	50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM SC16 (LH181B) Asymmetric 91 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM SC16 (LH181B) Asymmetric 91 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	HiLOM SC16 (LH181B) Asymmetric 91 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	HiLOM SC16 (LH181B) Asymmetric 91 % 1 cd/lm 1 White	



PHOTOMETRIC DATA (MEASURED):

SCIO	LUX	304
LED	XLE-S22C4XD16 (XD16)	
FWHM / FWTM	Asymmetric	7.7 2.00
Efficiency	88 %	
Peak intensity	1 cd/lm	.60* 60*
LEDs/each optic	4	$\perp \times / / \top \setminus \times$
Light colour	White	40 ¹ 60 67
Required compone	nts:	
		34° 140 15° 34°
SCIO	LUX	90* 90*
LED	XLE-S22C4XTEHE (XT-E HE)	
FWHM / FWTM	XLE-S22C4XTEHE (XT-E HE) Asymmetric	
FWHM / FWTM Efficiency Peak intensity	Asymmetric	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.7 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.7 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 89 % 0.7 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.7 cd/lm 1 White	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 89 % 0.7 cd/lm 1 White	



PHOTOMETRIC DATA (SIMULATED):

ED Bridgelux SMD 5050 WHM / FV/TM Asymmetric Hiterery 89 % Yeak Intensity 0.7 cd/m Edb/sach optic 1 Jight colour White Required components: ED CUTUIZEN ED CUTUIZEN HM / FV/TM Asymmetric Hiterery 89 % Yeak Intensity 0.5 cd/m Edb/sach optic 1 Jight colour White Required components: Bender With: 434 Typ 2x2MX HV CUTOR CUTOR CUTOR COMPONENTS: Bender With: 434 Typ 2x2MX HV CUTOR CUTOR CUTOR COMPONENTS: Bender With: 434 Typ 2x2MX HV CUTOR CUTOR CUTOR COMPONENTS: Bender With: 434 Typ 2x2MX HV CUTOR CUTOR CUTOR CUTOR COMPONENTS: Bender With: 434 Typ 2x2MX HV CUTOR CUTOR CUT	bridgelux.		90* 90*
WHM / FVTM Asymmetric Bindency 99 % U.7 cd/m ED%each optic 1 Apt color White Required components: ED CLI22X/CLU02X (LES10) WHM / FVTM Asymmetric Bindency 88 % Pask Intensity 0.5 cd/m ED%each optic 1 Asymmetric Bindency 88 % Pask Intensity 0.5 cd/m ED%each optic 1 Asymmetric Bindency 87 % Pask Intensity 0.7 cd/m EES/sach optic 1 Asymmetric Bindency 87 % Pask Intensity 0.7 cd/m EES/sach optic 1 Asymmetric Bindency 87 % Pask Intensity 0.7 cd/m EES/sach optic 1 Asymmetric Bindency White Normatic Bindency 87 % Pask Intensity 0.7 cd/m EES/sach optic 1 Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED CUL7007701/702 WHM / FVTM Asymmetric Bindency 87 % Pask Intensity 0.7 cd/m EES/sach optic 1 Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 434 Typ 2x2MX HV CITIE ED MHB-A/B WHM / FVTM Asymmetric Bender Wirth: 43	LED	Bridgelux SMD 5050	
ifficiency 80% beak intensity 0.7 cod/m EdSelect of the function Lepset of the function CITIZEN LED CLL02x/CLU02x (LES10) WHM / FVTM Asymmetric Efficiency 0.5 cod/m EDSect optio 1 light colour White Required components: Bender Wirth: 434 Typ 2x2MX HV CREEE € LED MHB-A/B WHM / FVTM Asymmetric Efficiency 87% beak intensity 0.5 cod/m EDSect optio 1 light colour White Required components: Bender Wirth: 434 Typ 2x2MX HV CREEE € LED MHB-A/B WHM / FVTM Asymmetric Efficiency 87% beak intensity 0.7 cod/m EDSect optio 1 light colour White Required components: Bender Wirth: 434 Typ 2x2MX HV CREEE € LED MHB-A/B WHM / FVTM Asymmetric Efficiency 88% beak intensity 0.8 cod/m LEDSect optio 1 light colour White EDSect optio 1 light colour White			75 7
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WHM / FVTM Asymmetric fficiency 88 % Peak intensity 0.5 cd/m EDS/each optic 1 ight colour White Required components: Bender Wirht + 434 Typ 2x2MX HV CCTTIZEEN LED CLU700/701/702 WHM / FVTM Asymmetric fficiency 87 % Peak intensity 0.7 cd/m LEDs/each optic 1 ight colour White Required components: Bender Wirht + 434 Typ 2x2MX HV CCREE LED MHB-A/B WHM / FVTM Asymmetric fficiency 88 % Peak intensity 0.8 cd/m LEDs/each optic 1 ight colour White Required components: Bender Wirht + 434 Typ 2x2MX HV			90* 90*
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ED CLU700/701/702 WHM / FWTM Asymmetric ifficiency 87 % 'eak intensity 0.7 cd/lm LEDs/each optic 1 light colour White Required components: Bender Wirth: 434 Typ 2x2MX HV CCREE			640
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ED CLU700/701/702 WHM / FWTM Asymmetric ifficiency 87 % 'eak intensity 0.7 cd/lm LEDs/each optic 1 ight colour White Required components: Bender Wirth: 434 Typ 2x2MX HV CCREE	CITIZEN		
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EDs/each optic 1 light colour White Required components: Bender Wirth: 434 Typ 2x2MX HV CREEE ED MHB-A/B WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/lm EDs/each optic 1 light colour White			50° 60°.
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Required components: Bender Wirth: 434 Typ 2x2MX HV CREE ED MHB-A/B WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/m .EDs/each optic 1 .ight colour White			460
Bender Wirth: 434 Typ 2x2MX HV CREE ED MHB-A/B WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/m EDS/each optic 1 ight colour White		Wine	142, 42,
CREE ED MHB-A/B WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/m EDS/each optic 1 ight colour White		2 2 2 MX HV	640
ED MHB-A/B WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/lm EDs/each optic 1 Light colour White			
ED MHB-A/B WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/lm EDs/each optic 1 Light colour White			
ED MHB-A/B WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/lm EDs/each optic 1 Light colour White			30* <u>800</u> 15 ⁵ 0* 15* 30*
ED MHB-A/B WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/lm EDs/each optic 1 Light colour White			
WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.8 cd/lm LEDs/each optic 1 Light colour White			90* 90*
Efficiency 88 % Peak intensity 0.8 cd/lm EDs/each optic 1 Light colour White			738
Peak intensity 0.8 cd/lm EDs/each optic 1 Light colour White			
EDs/each optic 1 Light colour White	-		50° 60°.
light colour White er			400
			\times / / \wedge \times
Acquired components.		wine	e2, e3,
	Required components:		eko -
			X X
80			800



PHOTOMETRIC DATA (SIMULATED):

FWHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White			
ED MID-E/G WMM /FVTM Asymmetric Efficiency 89 % Yeak intensity 0.5 cd/m EdSieach optic 1 Jajht colour White Required components: CREE ED XH770 WMM /FVTM Asymmetric Efficiency 88 % Yeak intensity 0.6 cd/m EDSieach optic 1 Jajht colour H EdSieach optic 4 Jajht colour White Required components: ED VLMLEDS ED ULXEEN SG0 Round LES WMM /FVTM Asymmetric Efficiency 88 % Yeak intensity 0.6 cd/m EdSieach optic 4 Jajht colour White Required components: ED ULXEEN SG0 Round LES WMM /FVTM Asymmetric Efficiency 88 % Yeak intensity 0.6 cd/m EdSieach optic 4 Jajht colour White EdSieach optic 1 Jajht colour White	CREE 🔶		
WHM / FVTM Asymmetric Bindency 89 % UNHA / FVTM Asymmetric Bindency 88 % Required components: CREE ED XHP70 WHM / FVTM Asymmetric Bindency 88 % Reak Intensity 0.6 cd/m EDS/each optic 1 Ight colour White EDS/each optic 4 Asymmetric Bindency 88 % Required components: ED XHP70 WHM / FVTM Asymmetric Bindency 88 % Required components: ED XHP70 WHM / FVTM Asymmetric Bindency 88 % Required components: ED XHP70 WHM / FVTM Asymmetric Bindency 82 % Required components: ED XHP70 WHM / FVTM Asymmetric Bindency 88 % Required components: ED XHP70 ED XHP70 HM / FVTM Asymmetric Bindency 88 % Required components: ED XHP70 HM / FVTM Asymmetric Bindency As Asymmetric Bindency As Asymmetric Bind			
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ifficiency 83 % Peak Intensity 0.6 cd/m EDs/each optic 1 ight colour White Required components:			756 100 756
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ED XP-G3 WHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm EDs/each optic 4 Light colour White Required components:			
WHM / FWTM Asymmetric Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 4 ight colour White Required components:			90* 90*
Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 4 ight colour White Required components:			75°
Peak intensity 0.6 cd/m LEDs/each optic 4 light colour White Required components: Image: Component State St			
EDs/each optic 4 ight colour White Required components: Support of the second			69° 64
Light colour White Required components: Image: Second condition of the second c			300
Required components: Image: Components: Image: Compo			400
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White		vvnite	45* 500 45*
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White	Required components:		
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White			
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White			700
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White			30° 30° 15° 30°
ED LUXEON 5050 Round LES WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White)S	
WHM / FWTM Asymmetric Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White			90* 90*
Efficiency 88 % Peak intensity 0.9 cd/lm LEDs/each optic 1 Light colour White		LUXEON 5050 Pound LES	
Peak intensity 0.9 cd/lm EDs/each optic 1 Light colour White			79 77
EDs/each optic 1 .ight colour White	FWHM / FWTM	Asymmetric	2ª
Light colour White or or	FWHM / FWTM Efficiency	Asymmetric 88 %	23
	FWHM / FWTM Efficiency Peak intensity	Asymmetric 88 % 0.9 cd/lm	25
	FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.9 cd/lm 1	23
80	FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.9 cd/lm 1	25
	FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.9 cd/lm 1	25
	FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.9 cd/lm 1	
30* 12° 0* 13° 30'	FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.9 cd/lm 1	5° 60 0° 0°



PHOTOMETRIC DATA (SIMULATED):

		90* 90'
LED	LUXEON 5050 Round LES	73
FWHM / FWTM	Asymmetric	
Efficiency	86 %	604 604
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	400
Light colour	White	6°
Required components:		600
		30* <u>00</u> 30* 30*
ΜΝΙCΗΙΛ		90*
LED	NFMW48xA	
FWHM / FWTM	Asymmetric	75° 73°
Efficiency	89 %	
Peak intensity	0.9 cd/lm	eit eit
LEDs/each optic	1	
Light colour	White	45* 45+
Required components:		60
		800
		30* 30*
Μ ΝΙCΗΙΛ		137 1850 137
		90* 90*
LED	NV4WB35AM	
		750 70 70
FWHM / FWTM	Asymmetric	75
FWHM / FWTM Efficiency	Asymmetric 88 %	
FWHM / FWTM Efficiency Peak intensity	Asymmetric 88 % 0.8 cd/lm	25
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.8 cd/lm	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	Asymmetric 88 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.8 cd/lm 1	90 90 90 90 90 90 90 90 90 90 90 90 90 9
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	Asymmetric 88 % 0.8 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 0.8 cd/lm 1	200 00 00 00 00 00 00 00 00 00
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 0.8 cd/lm 1 White	80. 20. 20. 20. 90. 20. 90. 90. 90. 90. 90. 91. 90. 90. 90. 91. 91. 90. 90. 91. 92. 90. 90. 91. 92. 90. 92. 92. 92. 90. 92. 93. 93. 90. 93. 93. 93. 90. 93. 93. 93. 90. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 93. 9
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 0.8 cd/lm 1 White NV4x144A	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 0.8 cd/lm 1 White NV4x144A Asymmetric	
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FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 0.8 cd/lm 1 White NV4x144A Asymmetric 94 % 0.7 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 0.8 cd/lm 1 White NV4x144A Asymmetric 94 % 0.7 cd/lm	
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FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 0.8 cd/lm 1 White NV4x144A Asymmetric 94 % 0.7 cd/lm 1	
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Asymmetric 88 % 0.8 cd/lm 1 White NV4x144A Asymmetric 94 % 0.7 cd/lm 1	



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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