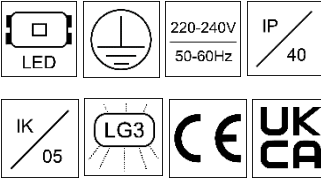


CALIMA U LED

**Surface and Suspended
Luminaires**



Images for the product family and options:



Description:	Suspended LED luminaire Light distribution type: direct (direct/indirect LG3 versions) Optical system: matt micro-prismatic PMMA diffuser, low glare/ translucent micro-prismatic PMMA diffuser Housing: steel Colour: white (RAL9003)
General data:	Mains voltage: 220-240V, 0/50/60Hz LED lifetime, h: 100000/L80B10 Protection class IEC: I Ingress protection code: IP40 Mechanical impact resistance: IK05 Operating temperature range, °C: ta 0...+35
Installation:	Suspended (accessories to be ordered separately), with L/LL option is designed for in-line connection. Push-in terminal, 3x2x2.5mm ²
Environment:	Indoor
Application:	Office, education, retail, public place



Sensors ensure lighting is only on when and where it is needed. The sensors can bring huge benefits in terms of energy management as they enable sunlight harvesting, automatic dimming, and sensing the presence of people. The lighting is only on when actually required so cost savings are considerable. Energy saving - typically between 30% and 50%. Application: are ideal for all office areas including work spaces, conference rooms, corridors, break-out rooms, administrative areas, stairwells and similar applications in schools and hospitals. For more information see the option list and energy saving solutions.



Pull switch version (to switch on/off) available on request. For more information please check the option list.



LG3 – Luminaire fits to LG3 requirements with 30-40% light distribution to the ceiling and 70-60% to the floor. For more information please check the option list.



Fitting for in-line connection can be ordered on request. Please add I-JOIN MTG KIT Calima U LED/Etesian U LED RAL9003 accessory and select L or LL options depending on luminaire's location in the line (first/ end/ intermediate). For more information please check the option and accessories list.



High flexibility to meet specific project requirements, as luminaires can be painted to all RAL code colours on request. For more information please check the option list.

Product	Length, mm	Width, mm	Height, mm	Luminaire output ¹ , lm	System power ² , W	System efficacy ³ , lm/W	CRI ⁴ (Ra)	CCT ⁵ , K	Weight, kg
Calima U LED1x2700 G173 T830 DPRZ LT80	1215	175	40	2551	18,7	136	80+	3000	4,1
Calima U LED1x3550 G174 T830 DPRZ LT80	1215	175	40	3327	22,3	149	80+	3000	4,1
Calima U LED1x4600 G175 T830 DPRZ LT80	1215	175	40	4336	29,8	146	80+	3000	4,1
Calima U LED1x3400 G176 T830 DPRZ LT80	1495	175	40	3189	22,3	143	80+	3000	5,1
Calima U LED1x4400 G177 T830 DPRZ LT80	1495	175	40	4159	27,3	152	80+	3000	5,1
Calima U LED1x5750 G178 T830 DPRZ LT80	1495	175	40	5419	36,8	147	80+	3000	5,1
Calima U LED1x2700 G173 T840 DPRZ LT80	1215	175	40	2689	18,7	144	80+	4000	4,1
Calima U LED1x3550 G174 T840 DPRZ LT80	1215	175	40	3507	22,3	157	80+	4000	4,1
Calima U LED1x4600 G175 T840 DPRZ LT80	1215	175	40	4570	29,8	153	80+	4000	4,1
Calima U LED1x3400 G176 T840 DPRZ LT80	1495	175	40	3362	22,3	151	80+	4000	5,1
Calima U LED1x4400 G177 T840 DPRZ LT80	1495	175	40	4383	27,3	160	80+	4000	5,1
Calima U LED1x5750 G178 T840 DPRZ LT80	1495	175	40	5713	36,8	155	80+	4000	5,1
Calima U LED1x2900 G173 T830 MPRZ LT92	1215	175	40	2731	18,7	146	80+	3000	4,1
Calima U LED1x3800 G174 T830 MPRZ LT92	1215	175	40	3562	22,3	159	80+	3000	4,1
Calima U LED1x4900 G175 T830 MPRZ LT92	1215	175	40	4642	29,8	156	80+	3000	4,1
Calima U LED1x3600 G176 T830 MPRZ LT92	1495	175	40	3414	22,3	153	80+	3000	5,1
Calima U LED1x4700 G177 T830 MPRZ LT92	1495	175	40	4452	27,3	163	80+	3000	5,1
Calima U LED1x6150 G178 T830 MPRZ LT92	1495	175	40	5802	36,8	158	80+	3000	5,1
Calima U LED1x2900 G173 T840 MPRZ LT92	1215	175	40	2879	18,7	154	80+	4000	4,1
Calima U LED1x3800 G174 T840 MPRZ LT92	1215	175	40	3754	22,3	168	80+	4000	4,1
Calima U LED1x4900 G175 T840 MPRZ LT92	1215	175	40	4893	29,8	164	80+	4000	4,1
Calima U LED1x3600 G176 T840 MPRZ LT92	1495	175	40	3599	22,3	161	80+	4000	5,1
Calima U LED1x4700 G177 T840 MPRZ LT92	1495	175	40	4693	27,3	172	80+	4000	5,1
Calima U LED1x6150 G178 T840 MPRZ LT92	1495	175	40	6116	36,8	166	80+	4000	5,1
Calima U LED1x2700/2200 G179 T830 DPRZ LT80 LG3	1215	175	40	4622	29,6	156	80+	3000	4,6
Calima U LED1x4050/3300 G180 T830 DPRZ LT80 LG3	1215	175	40	6934	43,9	158	80+	3000	4,6
Calima U LED1x3400/2950 G181 T830 DPRZ LT80 LG3	1495	175	40	5950	37,6	158	80+	3000	5,6
Calima U LED1x5050/4400 G182 T830 DPRZ LT80 LG3	1495	175	40	8926	56,4	158	80+	3000	5,6
Calima U LED1x2700/2200 G179 T840 DPRZ LT80 LG3	1215	175	40	4872	29,6	165	80+	4000	4,6
Calima U LED1x4050/3300 G180 T840 DPRZ LT80 LG3	1215	175	40	7309	43,9	167	80+	4000	4,6
Calima U LED1x3400/2950 G181 T840 DPRZ LT80 LG3	1495	175	40	6273	37,6	167	80+	4000	5,6
Calima U LED1x5050/4400 G182 T840 DPRZ LT80 LG3	1495	175	40	9408	56,4	167	80+	4000	5,6
Calima U LED1x2900/2200 G179 T830 MPRZ LT92 LG3	1215	175	40	4802	29,6	162	80+	3000	4,6
Calima U LED1x4350/3300 G180 T830 MPRZ LT92 LG3	1215	175	40	7204	43,9	164	80+	3000	4,6
Calima U LED1x3600/2950 G181 T830 MPRZ LT92 LG3	1495	175	40	6175	37,6	164	80+	3000	5,6
Calima U LED1x5400/4400 G182 T830 MPRZ LT92 LG3	1495	175	40	9263	56,4	164	80+	3000	5,6
Calima U LED1x2900/2200 G179 T840 MPRZ LT92 LG3	1215	175	40	5062	29,6	171	80+	4000	4,6
Calima U LED1x4350/3300 G180 T840 MPRZ LT92 LG3	1215	175	40	7594	43,9	172	80+	4000	4,6
Calima U LED1x3600/2950 G181 T840 MPRZ LT92 LG3	1495	175	40	6510	37,6	172	80+	4000	5,6
Calima U LED1x5400/4400 G182 T840 MPRZ LT92 LG3	1495	175	40	9764	56,4	172	80+	4000	5,6

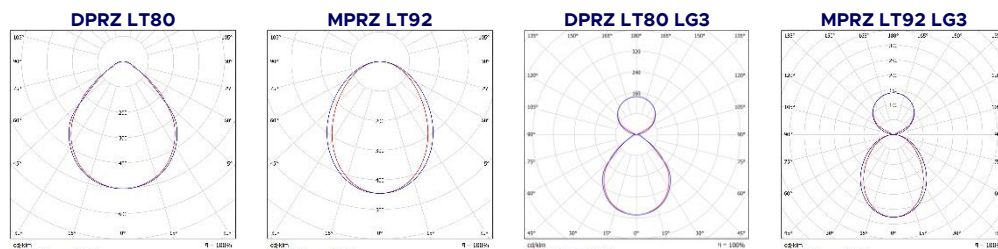
*Tolerance range for optical and electrical data: $\pm 10\%$. Values apply to an ambient temperature of 25 °C. NORTHCLIFFE LIGHTING is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

*Photos are for illustrational purposes only. The exact appearance of the product may vary depending on the monitor settings, options selected and other factors.

Available options:

T830	Colour temperature 3000K, CRI 80+
T840	Colour temperature 4000K, CRI 80+
MPRZ LT92	Translucent micro-prismatic diffuser with high light transmittance
DPRZ LT80	De-glaring matt micro-prismatic diffuser
LG3	Luminaire fits to LG3 requirements (with direct/indirect light distribution)
DALI	Driver with DALI interface and switch-control dimming
<i>*note - for DALI LIN option wires are 2x0.5mm²</i>	
EAIRB-M	Master luminaire with integrated smart sensor and driver with wireless communication and grouping possibilities for lighting control
<i>*note - ingress protection IP20</i>	
EAIRB-S	Slave luminaire with integrated EAIR type driver for lighting control
<i>*note - max system size 1x EAIRB-M + 3x EAIRB-S</i>	
<i>*note - max wire length from EAIRB-M to last EAIR-S - 11 meters</i>	
BLT	Integrated wireless control unit and driver for lighting control via mobile device (via Bluetooth)
TW	Integrated light source and driver for Tuneable white control 2700-6500 K
BLT TW	Integrated light source, wireless control unit and driver for Tuneable white control 2700-6500 K via mobile device (via Bluetooth)
<i>*note - Please ask for special models with TW.</i>	
COR	Driver with Corridor function (never off)
COR1min	Driver with Corridor function 1min (switch off after 1 min.)
COR30min	Driver with Corridor function 30min (switch off after 30 min.)
PULL	Pull switch device, on/off

PULLDIM	Pull switch device and driver with switch-control dimming
EM3	Emergency version 3 hours
EM3B	Emergency version 3 hours (best available technology)
EM3A	Emergency version equipped with an autonomous testing system, 3 hours
EM3D	Emergency version 3 hours with DALI interface
1LIN	Through wiring 3x1.5 mm ² with two push-in terminal blocks
3LIN	Through wiring 5x1.5 mm ² with two push-in terminal blocks
CBF3-2.0m clear	Cable 3x0.75mm ² for suspended luminaire up to 2.0 meters, transparent
CBF5-2.0m clear	Cable 5x0.75mm ² for suspended luminaire up to 2.0 meters, transparent
<i>*note - for suspended luminaires it is recommended to use one of CBF option for easier mounting</i>	
L	Luminaire designed to in-line connection with join element – end/first luminaire (join kit not included)
LL	Luminaire designed to in-line connection with join element – intermediate luminaire (join kit not included)
<i>*note - for L and LL models joint kit not included, 1LIN option included (5TB option for lengths up to 800mm)</i>	
RAL	RAL colour
<i>*note - price for uncommon RAL colour or quantity less than MOQ could be different from indicated. Ask before placing an order</i>	



Available accessories:



Product: I-JOIN MTG KIT Calima U LED/Etesian U LED v2 RAL9003
Description: "I" type join kit for connecting luminaires in-line



Product: CAP cable 3x0.75 2.0m clear
Description: Cable 3x0.75mm² for suspended luminaire up to 2.0 meters, transparent



Product: BLANK Calima U LED 300mm 1LIN v2 RAL9003
Description: Blank part kit for connecting luminaires in-line, 1pcs
**note - BLANK through wiring option must meet luminaire options*



Product: BLANK Calima U LED 1215mm 1LIN v2 RAL9003
Description: Blank part kit for connecting luminaires in-line, 1pcs
**note - BLANK through wiring option must meet luminaire options*



Product: Suspension MTG KIT SUSY
Description: Suspension wire set "Y" type, 1.5m adjustable, 1pcs
**note - 2pcs MTG KIT SUSY for one fitting required*



Product: BLANK Calima U LED 600mm 1LIN v2 RAL9003
Description: Blank part kit for connecting luminaires in-line, 1pcs
**note - BLANK through wiring option must meet luminaire options*



Product: CAP4, light grey/ white/ black
Description: Square decorative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 3x1x1.5mm², light grey/ white/ black



Product: CAP5, light grey/ white/ black
Description: Square decorative metal cap for hiding cable inlet with suspension wire attachment point, push-in terminals 5x1x1.5mm², light grey/ white/ black