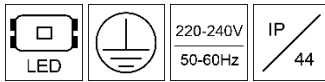


CARINA LED

Diffuser and wall luminaires



Images for the product family and options:



Description:

Surface mounted LED luminaire
Light distribution type: direct
Optical system: opal micro-linear polycarbonate diffuser, matt micro-prismatic polycarbonate diffuser, low glare
Housing: steel
Colour: white (RAL9003)

General data:

Mains voltage: 220-240V, 0/50/60Hz
LED lifetime, h: 100000/L80B10
SDCM: 3
Protection class IEC: I
Ingress protection code: IP44
Mechanical impact resistance: IK04
Operating temperature range, °C: ta -10...+40

Installation:

On ceiling or wall. Push-in terminal, 3x2x2.5mm²

Environment:

Indoor

Application:

Office, education, corridor, staircase, public place

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI * (Ra)	CCT*, K	Weight, kg
Carina LED2x950 G938 T830 OP LT80	622	146	60	1799	12,7	142	80+	3000	1,9
Carina LED2x1150 G939 T830 OP LT80	622	146	60	2140	15,4	139	80+	3000	1,9
Carina LED2x1300 G940 T830 OP LT80	622	146	60	2461	17,9	137	80+	3000	1,9
Carina LED2x1650 G941 T830 OP LT80	622	146	60	3094	23,7	131	80+	3000	1,9
Carina LED2x1900 G942 T830 OP LT80	1182	146	60	3599	24,4	148	80+	3000	3,0
Carina LED2x2300 G943 T830 OP LT80	1182	146	60	4279	29,1	147	80+	3000	3,0
Carina LED2x2600 G944 T830 OP LT80	1182	146	60	4922	34,1	144	80+	3000	3,0
Carina LED2x3300 G945 T830 OP LT80	1182	146	60	6189	44,3	140	80+	3000	3,0
Carina LED2x2400 G946 T830 OP LT80	1462	146	60	4499	29,8	151	80+	3000	3,8
Carina LED2x2850 G947 T830 OP LT80	1462	146	60	5349	36,0	149	80+	3000	3,8
Carina LED2x3250 G948 T830 OP LT80	1462	146	60	6153	41,8	147	80+	3000	3,8
Carina LED2x4100 G949 T830 OP LT80	1462	146	60	7736	54,2	143	80+	3000	3,8
Carina LED2x950 G938 T840 OP LT80	622	146	60	1897	12,7	149	80+	4000	1,9
Carina LED2x1150 G939 T840 OP LT80	622	146	60	2255	15,2	148	80+	4000	1,9
Carina LED2x1300 G940 T840 OP LT80	622	146	60	2594	17,3	150	80+	4000	1,9
Carina LED2x1650 G941 T840 OP LT80	622	146	60	3262	23,5	139	80+	4000	1,9
Carina LED2x1900 G942 T840 OP LT80	1182	146	60	3794	24,4	155	80+	4000	3,0
Carina LED2x2300 G943 T840 OP LT80	1182	146	60	4511	29,1	155	80+	4000	3,0
Carina LED2x2600 G944 T840 OP LT80	1182	146	60	5189	34,1	152	80+	4000	3,0
Carina LED2x3300 G945 T840 OP LT80	1182	146	60	6523	44,3	147	80+	4000	3,0
Carina LED2x2400 G946 T840 OP LT80	1462	146	60	4742	29,8	159	80+	4000	3,8
Carina LED2x2850 G947 T840 OP LT80	1462	146	60	5638	36,0	157	80+	4000	3,8
Carina LED2x3250 G948 T840 OP LT80	1462	146	60	6486	41,8	155	80+	4000	3,8
Carina LED2x4100 G949 T840 OP LT80	1462	146	60	8154	54,2	150	80+	4000	3,8

*Tolerance range for optical and electrical data: ±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+
DPRZ	De-glaring micro-prismatic diffuser
<i>*note - minimum order quantities may apply</i>	
DALI	Driver with DALI interface and switch-control dimming
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.)
MW	Integrated microwave (MW) motion sensor with on-off control
<i>*note - MW option is not applicable for models: G938...G941</i>	
MWRFMD	Built-in microwave motion sensor with integrated wireless transceiver. Sensor can serve as both master and slave. Functions: Staircase, Corridor, dimming control.
MWRFM	Built-in microwave motion sensor with integrated wireless transceiver. Sensor can serve as both master and slave. Functions: Staircase, Corridor.
MWRFSD	Built-in wireless receiver for receiving master luminaire control signals. Functions: Staircase, Corridor, dimming control.
MWRFS	Built-in wireless receiver for receiving master luminaire control signals. Functions: Staircase, Corridor.
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
<i>*note - Operating temperature range for Luminaires with EM option, C: ta 0...+35</i>	
<i>*note - all EM options are not compatible for models: G938...G941</i>	
5TB	5-pole terminal block in middle of luminaire for easy through wiring
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
1LIN2.5	Through wiring 3x2.5 mm ² with two push-in terminal blocks
3LIN2.5	Through wiring 5x2.5 mm ² with two push-in terminal blocks
<i>*note - LIN options applicable for models longer than 800mm, for shorter models 5TB option</i>	
2G	Strain relief for power supply cable, 2pcs
II	Electric shock protection class II
2Gr	Pre-drilled end caps with extra sealing grommets included
RAL	RAL colour
<i>*note - thermoplastic end covers are only available in white, light grey and black colours</i>	

