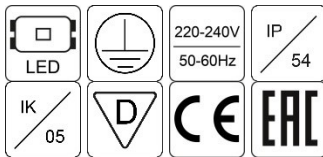


CARINA P LED

Diffuser and Wall Luminaires



Images for the product family and options:



Description: Surface mounted LED luminaire
Light distribution type: direct
Optical system: translucent micro-linear polycarbonate diffuser
Housing: steel
Colour: white (RAL 9003)

General data: Mains voltage: 220-240V, 0/50/60Hz
LED lifetime, h: 100000/L80B50
SDCM: 3
Protection class IEC: I (II optional)
Ingress protection code: IP54
Mechanical impact resistance: IK05
Protection symbol: D
Glow wire test, °C: 850
Operating temperature range, °C: ta -15...+35 (from 0 °C with EM3)

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

Environment: Indoor

Application: Office, education, hotel, corridor, staircase, healthcare, bathroom, public place

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Carina P LED1x1500 G444 T830 MPRZ	615	97	72	1399	10,3	136	80+	3000	1,50
Carina P LED1x2050 G445 T830 MPRZ	615	97	72	1913	13,9	138	80+	3000	1,50
Carina P LED1x2700 G446 T830 MPRZ	615	97	72	2538	18,9	134	80+	3000	1,50
Carina P LED1x3050 G447 T830 MPRZ	615	97	72	2875	20,5	140	80+	3000	1,50
Carina P LED1x2750 G448 T830 MPRZ	1175	97	72	2551	18,3	140	80+	3000	2,30
Carina P LED1x3550 G449 T830 MPRZ	1175	97	72	3327	22,9	146	80+	3000	2,30
Carina P LED1x4600 G450 T830 MPRZ	1175	97	72	4336	30,5	142	80+	3000	2,30
Carina P LED1x5400 G451 T830 MPRZ	1175	97	72	5076	35,2	144	80+	3000	2,30
Carina P LED1x6100 G452 T830 MPRZ	1175	97	72	5751	39,2	147	80+	3000	2,30
Carina P LED1x3400 G453 T830 MPRZ	1455	97	72	3189	22,3	143	80+	3000	2,80
Carina P LED1x4400 G454 T830 MPRZ	1455	97	72	4159	28,6	146	80+	3000	2,80
Carina P LED1x5750 G455 T830 MPRZ	1455	97	72	5419	38,1	142	80+	3000	2,80
Carina P LED1x6700 G456 T830 MPRZ	1455	97	72	6345	42,6	149	80+	3000	2,80
Carina P LED1x7600 G457 T830 MPRZ	1455	97	72	7189	48,4	148	80+	3000	2,80

TECHNICAL DATA SHEET

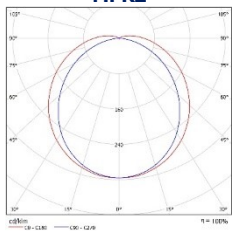
Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Carina P LED1x1500 G444 T840 MPRZ	615	97	72	1475	10,3	144	80+	4000	1,50
Carina P LED1x2050 G445 T840 MPRZ	615	97	72	2017	13,9	145	80+	4000	1,50
Carina P LED1x2700 G446 T840 MPRZ	615	97	72	2675	18,9	142	80+	4000	1,50
Carina P LED1x3050 G447 T840 MPRZ	615	97	72	3031	20,5	148	80+	4000	1,50
Carina P LED1x2750 G448 T840 MPRZ	1175	97	72	2689	18,3	147	80+	4000	2,30
Carina P LED1x3550 G449 T840 MPRZ	1175	97	72	3507	22,9	153	80+	4000	2,30
Carina P LED1x4600 G450 T840 MPRZ	1175	97	72	4570	30,5	150	80+	4000	2,30
Carina P LED1x5400 G451 T840 MPRZ	1175	97	72	5351	35,2	152	80+	4000	2,30
Carina P LED1x6100 G452 T840 MPRZ	1175	97	72	6062	39,2	155	80+	4000	2,30
Carina P LED1x3400 G453 T840 MPRZ	1455	97	72	3362	22,3	151	80+	4000	2,80
Carina P LED1x4400 G454 T840 MPRZ	1455	97	72	4383	28,6	153	80+	4000	2,80
Carina P LED1x5750 G455 T840 MPRZ	1455	97	72	5713	38,1	150	80+	4000	2,80
Carina P LED1x6700 G456 T840 MPRZ	1455	97	72	6688	42,6	157	80+	4000	2,80
Carina P LED1x7600 G457 T840 MPRZ	1455	97	72	7577	48,4	156	80+	4000	2,80

* 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

Available options:

DALI	Driver with DALI interface and switch-control dimming	EM3	Emergency version 3 hours
COR	Driver with Corridor function (never off)	EM3B	Emergency version 3 hours (best available technology)
COR1min	Driver with Corridor function 1min (switch off after 1 min.)	EM3A	Emergency version equipped with an autonomous testing system, 3 hours
COR30min	Driver with Corridor function 30min (switch off after 30 min.)	EM3D	Emergency version 3 hours with DALI interface
MW	Integrated microwave (MW) motion sensor with on-off control	<i>*note - EM options not applicable for models: E777</i>	
MWRFM+	Integrated microwave (MW) motion sensor with integrated RF (radio wave) transceiver. Sensor can serve as both master and slave. Functions: Staircase, Corridor, dimming control.	<i>*note - Operating temperature range for Luminaires with EM option, °C: ta 0...+35</i>	
MWRFM+off	Integrated microwave (MW) motion sensor with integrated RF (radio wave) transceiver. Sensor can serve as both master and slave. Functions: Staircase, Corridor, (no dimming control).	5TB	5-pole terminal block in middle of luminaire for easy through wiring
MWRFM	Integrated microwave (MW) motion sensor with integrated RF (radio wave) transmitter. Sensor can serve as master. Functions: Staircase, Corridor, dimming control.	<i>*note - 5TB terminal block included as standard</i>	
MWRFS+	Integrated microwave (MW) motion sensor with integrated RF (radio wave) receiver. Sensor can serve as slave. Functions: Staircase, Corridor, dimming control.	1G	Strain relief for power supply cable
MWRFS+off	Integrated microwave (MW) motion sensor with integrated RF (radio wave) receiver. Sensor can serve as slave. Functions: Staircase, Corridor, (no dimming control).	II	Electric shock protection class II
MWRFS	Integrated microwave (MW) motion sensor with integrated RF (radio wave) receiver. Sensor can serve as slave. Functions: Staircase, Corridor, (no dimming control).	2Gr	2pcs extra sealing grommets for cable entry through end caps included into luminaire set
		RAL	RAL colour
		T830	Colour temperature 3000K, CRI 80+
		T840	Colour temperature 4000K, CRI 80+

MPRZ



TECHNICAL DATA SHEET

Available accessories:



Product: Suspension MTG KIT SUSI
Description: Suspension wire set "I" type, 1.5m adjustable, 1pcs
**note - 2pcs MTG SUSI KIT for 1 luminaire required*



Product: CAP1 WHITE
Description: Plastic cap for hiding cable inlet into ceilings, white



Product: CAP1 CLEAR
Description: Plastic cap for hiding cable inlet into ceilings, clear



Product: CAP2 WHITE
Description: Plastic cap for hiding cable inlet into ceilings, white



Product: CAP2 CLEAR
Description: Plastic cap for hiding cable inlet into ceilings, clear



Product: CAP spiral cable 3x0.75 2.0m white
Description: Spiral cable 3x0.75mm² for suspended luminaire up to 2.0 meters, white



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



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



Product: CAP cable clip D6,3mm SET, clear
Description: Cable and suspension wire clip set, 4pcs. For cable diameter up to 6,3mm and wire diameter 1mm