

SQUALL LED

Park and Street Luminaires



Images for the product family and options:



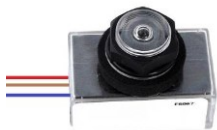
Description: Pole-mounted LED park luminaire
 Light distribution type: direct
 Optical system: lenses, tempered glass diffuser, impact resistant
 Housing: aluminium
 Colour: black grey (RAL7021)

General data: Mains voltage: 220-240V, 50/60Hz
 LED lifetime, h: 100000/L90B10
 SDCM: 3
 Protection class IEC: I (II optional)
 Ingress protection code: IP66
 Mechanical impact resistance: IK08
 Operating temperature range, °C: ta -25...+40

Installation: With four screws on poles Ø60mm. Push-in terminal, 3x2x2.5mm2

Environment: Outdoor

Application: Parking area, park, public space, street



Photocell PCA switches lighting fixtures ON or OFF, at the same time it can be mounted into IP protected light fitting serving as a standalone solution. The built-in photo-sensor records the brightness of the surroundings and switches the connected lighting fixtures on at dusk and of again at dawn. Technical data: IP65- dust and waterproof, 35 lux, 1:05 ratio. For more information see the option list.

Product	Length, mm	Width, mm	Height, mm	Luminaire output*, lm	System power*, W	System efficacy*, lm/W	CRI	CCT*, K	Weight, kg
Squall LED1x4850 E946 T730 LS140	475	475	535	4637	43,3	107	70+	3000	12,00
Squall LED1x5650 E947 T730 LS140	475	475	535	5398	51,1	106	70+	3000	12,00
Squall LED1x7500 E948 T730 LS140 Tmin-40C	475	475	535	7198	68,2	106	70+	3000	12,00
Squall LED1x9250 E949 T730 LS140 Tmin-40C	475	475	535	8853	87,9	101	70+	3000	12,00
Squall LED1x4850 E946 T740 LS140	475	475	535	4830	43,3	111	70+	4000	12,00
Squall LED1x5650 E947 T740 LS140	475	475	535	5623	51,1	110	70+	4000	12,00
Squall LED1x7500 E948 T740 LS140 Tmin-40C	475	475	535	7498	68,2	110	70+	4000	12,00
Squall LED1x9250 E949 T740 LS140 Tmin-40C	475	475	535	9222	87,9	105	70+	4000	12,00
Squall LED1x4850 E946 T730 LSS1	475	475	535	4571	43,3	105	70+	3000	12,00
Squall LED1x5650 E947 T730 LSS1	475	475	535	5322	51,1	104	70+	3000	12,00
Squall LED1x7500 E948 T730 LSS1 Tmin-40C	475	475	535	7096	68,2	104	70+	3000	12,00
Squall LED1x9250 E949 T730 LSS1 Tmin-40C	475	475	535	8728	87,9	99	70+	3000	12,00
Squall LED1x4850 E946 T740 LSS1	475	475	535	4762	43,3	110	70+	4000	12,00
Squall LED1x5650 E947 T740 LSS1	475	475	535	5544	51,1	108	70+	4000	12,00
Squall LED1x7500 E948 T740 LSS1 Tmin-40C	475	475	535	7392	68,2	108	70+	4000	12,00
Squall LED1x9250 E949 T740 LSS1 Tmin-40C	475	475	535	9092	87,9	103	70+	4000	12,00

TECHNICAL DATA SHEET

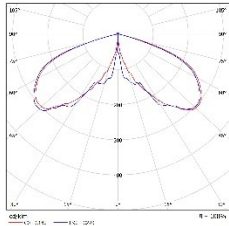
Squall LED1x4850 E946 T730 LSM1	475	475	535	4506	43,3	104	70+	3000	12,00
Squall LED1x5650 E947 T730 LSM1	475	475	535	5246	51,1	103	70+	3000	12,00
Squall LED1x7500 E948 T730 LSM1 Tmin-40C	475	475	535	6995	68,2	103	70+	3000	12,00
Squall LED1x9250 E949 T730 LSM1 Tmin-40C	475	475	535	8604	87,9	98	70+	3000	12,00
Squall LED1x4850 E946 T740 LSM1	475	475	535	4694	43,3	108	70+	4000	12,00
Squall LED1x5650 E947 T740 LSM1	475	475	535	5465	51,1	107	70+	4000	12,00
Squall LED1x7500 E948 T740 LSM1 Tmin-40C	475	475	535	7286	68,2	107	70+	4000	12,00
Squall LED1x9250 E949 T740 LSM1 Tmin-40C	475	475	535	8962	87,9	102	70+	4000	12,00

* 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

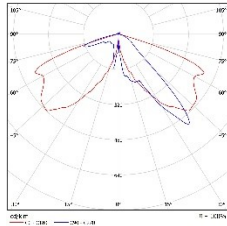
Available options:

DALI	Driver with DALI interface	LS140	Optics with 140x140° beam angle
ADIM	Driver with autonomous two-level dimming	LSM1	Optics with asymmetric beam SM1, Universal road lighting
PCA	Photocell 20mm miniature type, IP65, 35 lux; 1:05 ratio	RAL	RAL colour
*note - with PCA option luminaire operating temperature range starts from -25° C		T730	Colour temperature 3000K, CRI 70+
II	Electric Shock protection class II	T740	Colour temperature 4000K, CRI 70+
tmin-40C	Suitable for low ambient temperatures down to -40°C	T750	Colour temperature 5000K, CRI 70+
LSS1	Optics with asymmetric beam SS1, Fulfilling EN13201 M class requirements where road width is equal or less the pole height		

LS140



LSS1



LSM1

