

NUIT NUI50

50W LED light module for
retrofitting street lights



HIGH EFFICIENCY
150 lm/W



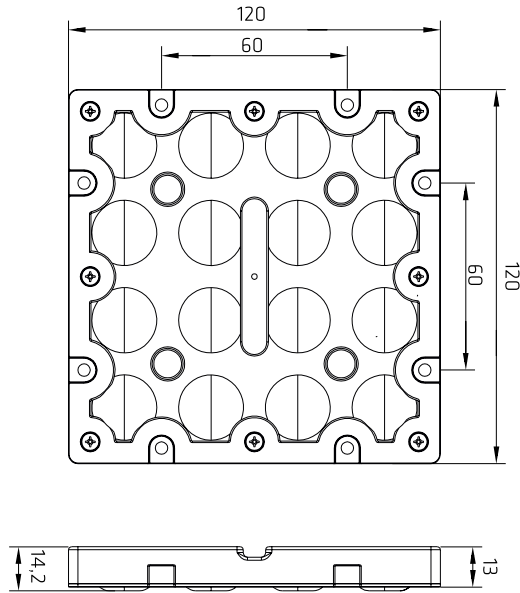
LUMILEDS



SPECIFICATIONS · PRODUCT DATA

Electrical data	
Input	110 ~ 240 Vac
Mains frequency	50/60Hz
Power	50 W
Power factor	> 0,95
LEDs n°	16 LED chips
LED power	3,13 W
IEC protection class	Class I
Photometric data	
Luminous efficiency	135 lm/W
CRI (Ra)	> 70
Luminous lux (Nominal / Real) CCT	8350 lm · 6750 lm · 4000K · BN 7700 lm · 6500 lm · 2700K · BC
Luminous intensity	2179 cd
SDCM Standard deviation colour adjustment	<3
Degree of opening	150° / 80x150°
Working Temp.	-20°C ~ +40°C
Switchovers n°	30.000
Certifications	CE, RoHS
Energy efficiency	A+
Working life	50.000h (L80B20)
Materials and physical characteristics	
Body	PC
Diffuser	PC
Finish	Black RAL 9003
Measurements in mm (length x width x height)	120 X 120 X 14,2
Weight (g)	430
Characteristics	
IP Rating	IP65
IK Rating	IK02
Flicker	No
Options	
Dimming option	Optional (See table)
Emergency kit option	No
Sensor movement option	No
Packaging	
Packaging measurements	456 X 450 X 450
Packaging weight (kg)	21
Units (units/box)	40 units

Measurements in mm



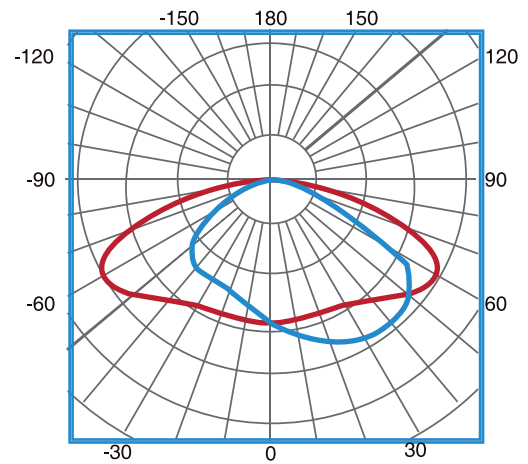
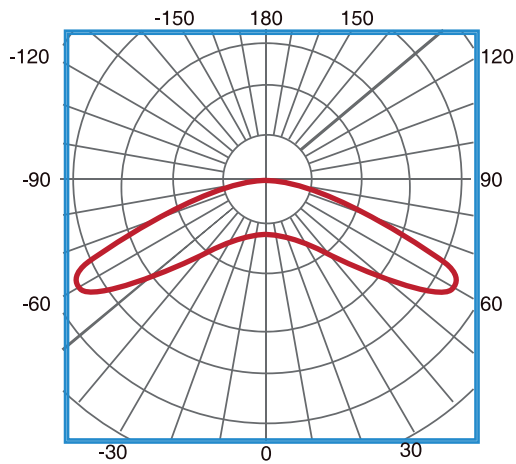
Optics

Beam angle 150°






H (m)	Diameter (m)	E _{max} (lx)
1	4,70	690
2	9,40	173
3	14,10	77
4	18,81	43

Beam angle 80x150°


H (m)	Diameter (m)	E _{max} (lx)
1	11,51	1669
2	23,03	417
3	34,53	185
4	46,05	104



References

		W				CCT	CRI
NUI50740S6SR	RAL 9003	50 W	8350 lm	6750 lm	150°	BN: 4000K	> 70
NUI50740A6SR	RAL 9003	50 W	8350 lm	6750 lm	80x150°	BN: 4000K	> 70
NUI50727S6SR	RAL 9003	50 W	7700 lm	6500 lm	150°	BC: 2700K	> 70
NUI50727A6SR	RAL 9003	50 W	7700 lm	6500 lm	80x150°	BC: 2700K	> 70

Dimming options

	Dimming
SR	No dimming
D110	0/1 -10V dimming
DN2-	Double dimming level without control line
DN2+	Double dimming level with control line
DA	DALI dimming
DPR	Programmable dimming

When choosing dimming option, please complete your reference with the code.

