



Starlet Round SC

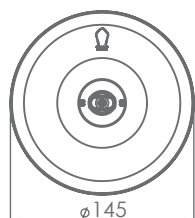
Starlet Round SO
zainstalowana jako PT /
installed as PT (recessed)

STARLET ROUND

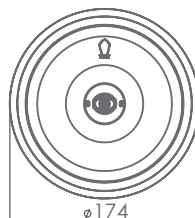


- Stopień ochrony IP20
- Podstawa i pokrywa wykonane z wysokiej jakości poliwęglanu (PC) lub PC/ABS
- Dostępne kolory obudowy: biały i czarny
- Napięcie zasilania: 230V AC 50Hz (dla MT, AT i CT) lub 230V AC 50Hz / 220V DC (dla CB)
- Źródło światła: diody LED wysokiej mocy i wydajności
- Trzy wersje mocy źródeł: 1W, 2W lub 3W
- Tryby: NM – awaryjny lub M – sieciowo-awaryjny
- Czasy autonomii: 1h, 2h lub 3h
- Zastosowane akumulatory: LiFePO4 lub NiCD
- Optyka: SO – strefy otwarte, SQ – strefy otwarte, niskie, SOH – strefy otwarte wysokie, SC – korytarze, SCH – korytarze wysokie, SP – do punktów bezpieczeństwa
- Opcje testowania: MT – test ręczny, AT – test automatyczny, CT – test centralny (Wells) lub CB – wykonanie do baterii centralnej
- Montaż: sufitowy, natynkowy lub wpuszczany
- Zastosowania: do oświetlania stref otwartych, pomieszczeń wysokich, dróg i wyjść ewakuacyjnych
- Temperatura barwowa 5000K
- Współczynnik oddawania barw: $R_a \geq 70$
- Zakres temperatur pracy: t_a 10°C ÷ 40°C
- Minimalna żywotność źródła światła: 50 000h

- IP20 protection rating
- Housing elements made of high quality polycarbonate (PC) or PC/ABS
- Housing colors available: white or black
- Power supply voltage: 230V AC 50Hz (for MT, AT and CT) or 230V AC 50Hz / 220V DC (for CB)
- Light source: efficient high power LED
- Three light source power options: 1W, 2W or 3W
- Functions: NM – non-maintained or M – maintained version
- Autonomy times: 1h, 2h or 3h
- Batteries applied: LiFePO4 or NiCD
- Optics: SO – open spaces, SQ – square beam open spaces, SOH – high open spaces, SC – corridors, SCH – high corridors or SP – safety points
- Testing options: MT – manual test, AT – auto test, CT – central test (Wells) or CB – central battery version
- Installation methods: on ceiling (surface) or in ceiling (recessed)
- Lighting applications for: open spaces, high rooms, evacuation ways and exits
- Colour temperature 5000K
- CRI index: $R_a \geq 70$
- Temperature working range: t_a 10°C ÷ 40°C
- Minimum LED lifetime: 50 000h



Starlet Round

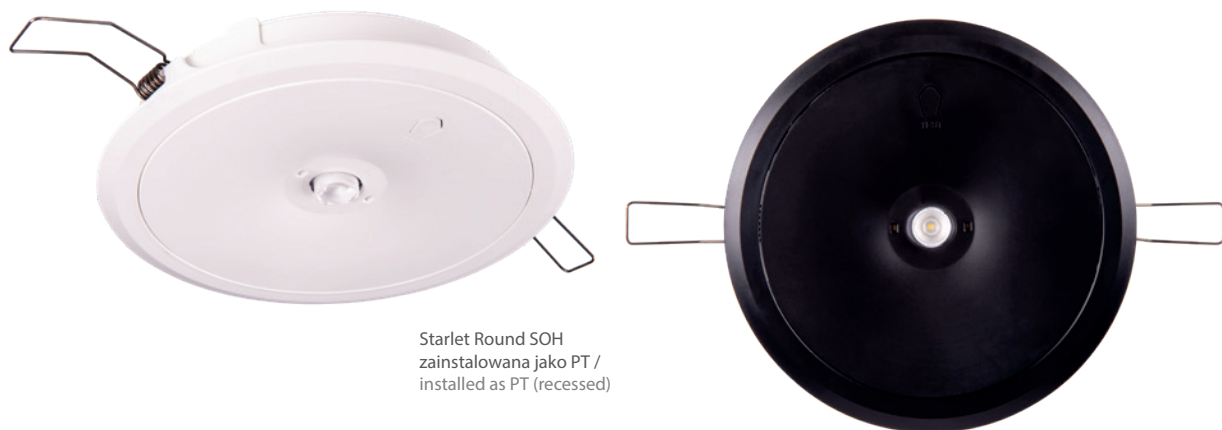
Starlet Round
wersja z ramką PT
with an accessory PT recessed installation frame

STARLET ROUND SO

Model / Model	Numer katalogowy / Catalogue number		Optyka / Optics	Strumień światlny / Luminous flux	Moc awaryjna / Emergency power	Tryb / Mode	Autonomia / Autonomy	Test / Test	Stopień ochrony / Protection level	Max pobór mocy / Max power consumption	Akumulator / Battery Pack
	Biały / White	Czarny / Black									
STARLET ROUND SO MT											
STARLET ROUND SO 150 NM 1H MT	91989	90989	SO	171 lm	1W	NM	1h	MT	IP20	1W	Ni-Cd 3,6V 800mAh
STARLET ROUND SO 150 M 1H MT	91988	90988	SO	171 lm	1W	M	1h	MT	IP20	3W	Ni-Cd 3,6V 800mAh
STARLET ROUND SO 150 NM 3H MT	91769	90769	SO	171 lm	1W	NM	3h	MT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 150 M 3H MT	91768	90768	SO	171 lm	1W	M	3h	MT	IP20	4W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 250 NM 1H MT	91979	90979	SO	299 lm	2W	NM	1h	MT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SO 250 M 1H MT	91978	90978	SO	299 lm	2W	M	1h	MT	IP20	5,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SO 250 NM 3H MT	91759	90759	SO	299 lm	2W	NM	3h	MT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO 250 M 3H MT	91758	90758	SO	299 lm	2W	M	3h	MT	IP20	5,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO 350 NM 1H MT	91969	90969	SO	355 lm	3W	NM	1h	MT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 350 NM 2H MT	91855	90855	SO	355 lm	3W	NM	2h	MT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO AT											
STARLET ROUND SO 150 NM 1H AT	91987	90987	SO	171 lm	1W	NM	1h	AT	IP20	1W	Ni-Cd 3,6V 800mAh
STARLET ROUND SO 150 M 1H AT	91986	90986	SO	171 lm	1W	M	1h	AT	IP20	3W	Ni-Cd 3,6V 800mAh
STARLET ROUND SO 150 NM 3H AT	91767	90767	SO	171 lm	1W	NM	3h	AT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 150 M 3H AT	91766	90766	SO	171 lm	1W	M	3h	AT	IP20	4W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 250 NM 1H AT	91977	90977	SO	299 lm	2W	NM	1h	AT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SO 250 M 1H AT	91976	90976	SO	299 lm	2W	M	1h	AT	IP20	5,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SO 250 NM 3H AT	91757	90757	SO	299 lm	2W	NM	3h	AT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO 250 M 3H AT	91756	90756	SO	299 lm	2W	M	3h	AT	IP20	5,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO 350 NM 1H AT	91967	90967	SO	355 lm	3W	NM	1h	AT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 350 NM 2H AT	91853	90853	SO	355 lm	3W	NM	2h	AT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO CT											
STARLET ROUND SO 150 NM 1H CT	91985	90985	SO	171 lm	1W	NM	1h	CT	IP20	1W	Ni-Cd 3,6V 800mAh
STARLET ROUND SO 150 M 1H CT	91984	90984	SO	171 lm	1W	M	1h	CT	IP20	3W	Ni-Cd 3,6V 800mAh
STARLET ROUND SO 150 NM 3H CT	91765	90765	SO	171 lm	1W	NM	3h	CT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 150 M 3H CT	91764	90764	SO	171 lm	1W	M	3h	CT	IP20	4W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 250 NM 1H CT	91975	90975	SO	299 lm	2W	NM	1h	CT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SO 250 M 1H CT	91974	90974	SO	299 lm	2W	M	1h	CT	IP20	5,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SO 250 NM 3H CT	91755	90755	SO	299 lm	2W	NM	3h	CT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO 250 M 3H CT	91754	90754	SO	299 lm	2W	M	3h	CT	IP20	5,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO 350 NM 1H CT	91965	90965	SO	355 lm	3W	NM	1h	CT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SO 350 NM 2H CT	91851	90851	SO	355 lm	3W	NM	2h	CT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SO CB											
STARLET ROUND SO 150 CB	91770	90770	SO	171 lm	1W	-	-	CB	IP20	3W	-
STARLET ROUND SO 250 CB	91760	90760	SO	299 lm	2W	-	-	CB	IP20	4W	-
STARLET ROUND SO 350 CB	91750	90750	SO	355 lm	3W	-	-	CB	IP20	6W	-

SO - strefy otwarte / open spaces
NM - tryb awaryjny / non-maintained mode
M - tryb sieciowo-awaryjny / maintained mode

MT - test ręczny / manual test
AT - test automatyczny / auto test
CT - test centralny (WELLS) / central test (WELLS)
CB - bateria centralna / central battery



Starlet Round SOH
zainstalowana jako PT /
installed as PT (recessed)

STARLET ROUND SC

Model / Model	Numer katalogowy / Catalogue number		Optyka / Optics	Strumień światłny / Luminous flux	Moc awaryjna / Emergen- cy power	Tryb / Mode	Autonomia / Autonomy	Test / Test	Stopień ochrony / Protection level	Max pobór mocy / Max power consump- tion	Akumulator / Battery Pack
	Biały / White	Czarny / Black									

STARLET ROUND SC MT

STARLET ROUND SC 150 NM 1H MT	91939	90939	SC	147 lm	1W	NM	1h	MT	IP20	1W	Ni-Cd 3,6V 800mAh
STARLET ROUND SC 150 M 1H MT	91938	90938	SC	147 lm	1W	M	1h	MT	IP20	3,5W	Ni-Cd 3,6V 800mAh
STARLET ROUND SC 150 NM 3H MT	91699	90719	SC	147 lm	1W	NM	3h	MT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 150 M 3H MT	91698	90718	SC	147 lm	1W	M	3h	MT	IP20	4W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 250 NM 1H MT	91929	90929	SC	253 lm	2W	NM	1h	MT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SC 250 M 1H MT	91928	90928	SC	253 lm	2W	M	1h	MT	IP20	6W	LiFePO4 6.4V 600mAh
STARLET ROUND SC 250 NM 3H MT	91675	90709	SC	253 lm	2W	NM	3h	MT	IP20	2,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SC 250 M 3H MT	91674	90708	SC	253 lm	2W	M	3h	MT	IP20	8W	LiFePO4 6.4V 2000mAh
STARLET ROUND SC 350 NM 1H MT	91919	90919	SC	335 lm	3W	NM	1h	MT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 350 NM 2H MT	91785	90805	SC	335 lm	3W	NM	2h	MT	IP20	2,5W	LiFePO4 6.4V 2000mAh

STARLET ROUND SC AT

STARLET ROUND SC 150 NM 1H AT	91937	90937	SC	147 lm	1W	NM	1h	AT	IP20	1W	Ni-Cd 3,6V 800mAh
STARLET ROUND SC 150 M 1H AT	91936	90936	SC	147 lm	1W	M	1h	AT	IP20	3,5W	Ni-Cd 3,6V 800mAh
STARLET ROUND SC 150 NM 3H AT	91697	90717	SC	147 lm	1W	NM	3h	AT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 150 M 3H AT	91696	90716	SC	147 lm	1W	M	3h	AT	IP20	4W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 250 NM 1H AT	91927	90927	SC	253 lm	2W	NM	1h	AT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SC 250 M 1H AT	91926	90926	SC	253 lm	2W	M	1h	AT	IP20	6W	LiFePO4 6.4V 600mAh
STARLET ROUND SC 250 NM 3H AT	91673	90707	SC	253 lm	2W	NM	3h	AT	IP20	2,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SC 250 M 3H AT	91672	90706	SC	253 lm	2W	M	3h	AT	IP20	8W	LiFePO4 6.4V 2000mAh
STARLET ROUND SC 350 NM 1H AT	91917	90917	SC	335 lm	3W	NM	1h	AT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 350 NM 2H AT	91783	90803	SC	335 lm	3W	NM	2h	AT	IP20	2,5W	LiFePO4 6.4V 2000mAh

STARLET ROUND SC CT

STARLET ROUND SC 150 NM 1H CT	91935	90935	SC	147 lm	1W	NM	1h	CT	IP20	1W	Ni-Cd 3,6V 800mAh
STARLET ROUND SC 150 M 1H CT	91934	90934	SC	147 lm	1W	M	1h	CT	IP20	3,5W	Ni-Cd 3,6V 800mAh
STARLET ROUND SC 150 NM 3H CT	91695	90715	SC	147 lm	1W	NM	3h	CT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 150 M 3H CT	91694	90714	SC	147 lm	1W	M	3h	CT	IP20	4W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 250 NM 1H CT	91925	90925	SC	253 lm	2W	NM	1h	CT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SC 250 M 1H CT	91924	90924	SC	253 lm	2W	M	1h	CT	IP20	6W	LiFePO4 6.4V 600mAh
STARLET ROUND SC 250 NM 3H CT	91671	90705	SC	253 lm	2W	NM	3h	CT	IP20	2,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SC 250 M 3H CT	91670	90704	SC	253 lm	2W	M	3h	CT	IP20	8W	LiFePO4 6.4V 2000mAh
STARLET ROUND SC 350 NM 1H CT	91915	90915	SC	335 lm	3W	NM	1h	CT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SC 350 NM 2H CT	91781	90801	SC	335 lm	3W	NM	2h	CT	IP20	2,5W	LiFePO4 6.4V 2000mAh

STARLET ROUND SC CB

STARLET ROUND SC 150 CB	91620	90720	SC	147 lm	1W	-	-	CB	IP20	2,5W	-
STARLET ROUND SC 250 CB	91710	90710	SC	253 lm	2W	-	-	CB	IP20	5W	-
STARLET ROUND SC 350 CB	91690	90700	SC	335 lm	3W	-	-	CB	IP20	6W	-

SC - soczewka korytarzowa / corridor lens type
NM - tryb awaryjny / non-maintained mode
M - tryb sieciowo-awaryjny / maintained mode

MT - test ręczny / manual test
AT - test automatyczny / auto test
CT - test centralny (WELLS) / central test (WELLS)
CB - bateria centralna / central battery



Starlet Round SOH

STARLET ROUND SOH

Model / Model	Numer katalogowy / Catalogue number		Optyka / Optics	Strumień światlny / Luminous flux	Moc awaryjna / Emergency power	Tryb / Mode	Autonomia / Autonomy	Test / Test	Stopień ochrony / Protection level	Max pobór mocy / Max power consumption	Akumulator / Battery Pack
	Biały / White	Czarny / Black									
STARLET ROUND SOH MT											
STARLET ROUND SOH 250 NM 1H MT	91959	90959	SOH	290 lm	2W	NM	1h	MT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SOH 250 M 1H MT	91958	90958	SOH	290 lm	2W	M	1h	MT	IP20	5,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SOH 250 NM 3H MT	91739	90739	SOH	290 lm	2W	NM	3h	MT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH 250 M 3H MT	91738	90738	SOH	290 lm	2W	M	3h	MT	IP20	5,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH 350 NM 1H MT	91949	90949	SOH	385 lm	3W	NM	1h	MT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SOH 350 NM 2H MT	91835	90835	SOH	385 lm	3W	NM	2h	MT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH AT											
STARLET ROUND SOH 250 NM 1H AT	91957	90957	SOH	290 lm	2W	NM	1h	AT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SOH 250 M 1H AT	91956	90956	SOH	290 lm	2W	M	1h	AT	IP20	5,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SOH 250 NM 3H AT	91737	90737	SOH	290 lm	2W	NM	3h	AT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH 250 M 3H AT	91736	90736	SOH	290 lm	2W	M	3h	AT	IP20	5,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH 350 NM 1H AT	91947	90947	SOH	385 lm	3W	NM	1h	AT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SOH 350 NM 2H AT	91833	90833	SOH	385 lm	3W	NM	2h	AT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH CT											
STARLET ROUND SOH 250 NM 1H CT	91955	90955	SOH	290 lm	2W	NM	1h	CT	IP20	1,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SOH 250 M 1H CT	91954	90954	SOH	290 lm	2W	M	1h	CT	IP20	5,5W	LiFePO4 6.4V 600mAh
STARLET ROUND SOH 250 NM 3H CT	91735	90735	SOH	290 lm	2W	NM	3h	CT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH 250 M 3H CT	91734	90734	SOH	290 lm	2W	M	3h	CT	IP20	5,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH 350 NM 1H CT	91945	90945	SOH	385 lm	3W	NM	1h	CT	IP20	1,5W	LiFePO4 6.4V 1000mAh
STARLET ROUND SOH 350 NM 2H CT	91831	90831	SOH	385 lm	3W	NM	2h	CT	IP20	1,5W	LiFePO4 6.4V 2000mAh
STARLET ROUND SOH CB											
STARLET ROUND SOH 250 CB	91740	90740	SOH	290 lm	2W	-	-	CB	IP20	4W	-
STARLET ROUND SOH 350 CB	91730	90730	SOH	385 lm	3W	-	-	CB	IP20	6W	-

SOH - strefy otwarte wysokie / open spaces high

NM - tryb awaryjny / non-maintained mode

M - tryb sieciowo-awaryjny / maintained mode

MT - test ręczny / manual test

AT - test automatyczny / auto test

CT - test centralny (WELLS) / central test (WELLS)

CB - bateria centralna / central battery



Starlet Round SCH

STARLET ROUND SCH

Model / Model	Numer katalogowy / Catalogue number		Optyka / Optics	Strumień świetlny / Luminous flux	Moc awaryjna / Emergency power	Tryb / Mode	Autonomia / Autonomy	Test / Test	Stopień ochrony / Protection level	Max pobór mocy / Max power consumption	Akumulator / Battery Pack
	Biały / White	Czarny / Black									
STARLET ROUND SCH MT											
STARLET ROUND SCH 250 NM 1H MT	91589	90909	SCH	242 lm	2W	NM	1h	MT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SCH 250 M 1H MT	91588	90908	SCH	242 lm	2W	M	1h	MT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SCH 250 NM 3H MT	91369	90789	SCH	242 lm	2W	NM	3h	MT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH 250 M 3H MT	91368	90788	SCH	242 lm	2W	M	3h	MT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH 350 NM 1H MT	91579	90999	SCH	347 lm	3W	NM	1h	MT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SCH 350 NM 2H MT	91465	90885	SCH	347 lm	3W	NM	2h	MT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH AT											
STARLET ROUND SCH 250 NM 1H AT	91587	90907	SCH	242 lm	2W	NM	1h	AT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SCH 250 M 1H AT	91586	90906	SCH	242 lm	2W	M	1h	AT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SCH 250 NM 3H AT	91367	90787	SCH	242 lm	2W	NM	3h	AT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH 250 M 3H AT	91366	90786	SCH	242 lm	2W	M	3h	AT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH 350 NM 1H AT	91577	90997	SCH	347 lm	3W	NM	1h	AT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SCH 350 NM 2H AT	91463	90883	SCH	347 lm	3W	NM	2h	AT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH CT											
STARLET ROUND SCH 250 NM 1H CT	91585	90905	SCH	242 lm	2W	NM	1h	CT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SCH 250 M 1H CT	91584	90904	SCH	242 lm	2W	M	1h	CT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SCH 250 NM 3H CT	91365	90785	SCH	242 lm	2W	NM	3h	CT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH 250 M 3H CT	91364	90784	SCH	242 lm	2W	M	3h	CT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH 350 NM 1H CT	91575	90995	SCH	347 lm	3W	NM	1h	CT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SCH 350 NM 2H CT	91461	90881	SCH	347 lm	3W	NM	2h	CT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SCH CB											
STARLET ROUND SCH 250 CB	91370	90790	SCH	242 lm	2W	-	-	CB	IP20	5W	-
STARLET ROUND SCH 350 CB	91360	90780	SCH	347 lm	3W	-	-	CB	IP20	6W	-

SCH - soczewka korytarzowa do wysokich pomieszczeń /
corridor lens type for high spaces
NM - tryb awaryjny / non-maintained mode
M - tryb sieciowo-awaryjny / maintained mode

MT - test ręczny / manual test
AT - test automatyczny / auto test
CT - test centralny (WELLS) / central test (WELLS)
CB - bateria centralna / central battery



Starlet Round SQ



STARLET ROUND SQ

Model / Model	Numer katalogowy / Catalogue number		Optyka / Optics	Strumień światłny / Luminous flux	Moc awaryjna / Emergency power	Tryb / Mode	Autonomia / Autonomy	Test / Test	Stopień ochrony / Protection level	Max pobór mocy / Max power consumption	Akumulator / Battery Pack	
	Biały / White	Czarny / Black										
STARLET ROUND SQ MT												
STARLET ROUND SQ 150 NM 1H MT	86348	86354	SQ	166 lm	1W	NM	1h		MT	IP20	1W	NiCd 3.6V 800mAh
STARLET ROUND SQ 150 M 1H MT	86349	86355	SQ	166 lm	1W	M	1h		MT	IP20	3,5W	NiCd 3.6V 800mAh
STARLET ROUND SQ 150 NM 3H MT	86372	86378	SQ	166 lm	1W	NM	3h		MT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 150 M 3H MT	86373	86379	SQ	166 lm	1W	M	3h		MT	IP20	4W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 250 NM 1H MT	86384	86390	SQ	276 lm	2W	NM	1h		MT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SQ 250 M 1H MT	86385	86391	SQ	276 lm	2W	M	1h		MT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SQ 250 NM 3H MT	86408	86414	SQ	276 lm	2W	NM	3h		MT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SQ 250 M 3H MT	86409	86415	SQ	276 lm	2W	M	3h		MT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SQ 350 NM 1H MT	86420	86423	SQ	402 lm	3W	NM	1h		MT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 350 NM 2H MT	86426	86429	SQ	402 lm	3W	NM	2h		MT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SQ AT												
STARLET ROUND SQ 150 NM 1H AT	86350	86356	SQ	166 lm	1W	NM	1h		AT	IP20	1W	NiCd 3.6V 800mAh
STARLET ROUND SQ 150 M 1H AT	86351	86357	SQ	166 lm	1W	M	1h		AT	IP20	3,5W	NiCd 3.6V 800mAh
STARLET ROUND SQ 150 NM 3H AT	86374	86380	SQ	166 lm	1W	NM	3h		AT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 150 M 3H AT	86375	86381	SQ	166 lm	1W	M	3h		AT	IP20	4W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 250 NM 1H AT	86386	86392	SQ	276 lm	2W	NM	1h		AT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SQ 250 M 1H AT	86387	86393	SQ	276 lm	2W	M	1h		AT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SQ 250 NM 3H AT	86410	86416	SQ	276 lm	2W	NM	3h		AT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SQ 250 M 3H AT	86411	86417	SQ	276 lm	2W	M	3h		AT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SQ 350 NM 1H AT	86421	86424	SQ	402 lm	3W	NM	1h		AT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 350 NM 2H AT	86427	86430	SQ	402 lm	3W	NM	2h		AT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SQ CT												
STARLET ROUND SQ 150 NM 1H CT	86352	86358	SQ	166 lm	1W	NM	1h		CT	IP20	1W	NiCd 3.6V 800mAh
STARLET ROUND SQ 150 M 1H CT	86353	86359	SQ	166 lm	1W	M	1h		CT	IP20	3,5W	NiCd 3.6V 800mAh
STARLET ROUND SQ 150 NM 3H CT	86376	86382	SQ	166 lm	1W	NM	3h		CT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 150 M 3H CT	86377	86383	SQ	166 lm	1W	M	3h		CT	IP20	4W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 250 NM 1H CT	86388	86394	SQ	276 lm	2W	NM	1h		CT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SQ 250 M 1H CT	86389	86395	SQ	276 lm	2W	M	1h		CT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SQ 250 NM 3H CT	86412	86418	SQ	276 lm	2W	NM	3h		CT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SQ 250 M 3H CT	86413	86419	SQ	276 lm	2W	M	3h		CT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SQ 350 NM 1H CT	86422	86425	SQ	402 lm	3W	NM	1h		CT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SQ 350 NM 2H CT	86428	86431	SQ	402 lm	3W	NM	2h		CT	IP20	2,5W	LiFePO4 6,4V 2000mAh

STARLET ROUND SQ CB

STARLET ROUND SQ 150 CB	86342	86345	SQ	166 lm	1W	-	-	CB	IP20	2,5W	-
STARLET ROUND SQ 250 CB	86343	86346	SQ	276 lm	2W	-	-	CB	IP20	5W	-
STARLET ROUND SQ 350 CB	86344	86347	SQ	402 lm	3W	-	-	CB	IP20	6W	-

SQ - niskie strefy otwarte / square beam open spaces optics

NM - tryb awaryjny / non-maintained mode

M - tryb sieciowo-awaryjny / maintained mode

MT - test ręczny / manual test

AT - test automatyczny / auto test

CT - test centralny (WELLS) / central test (WELLS)

CB - bateria centralna / central battery



Starlet Round SP

STARLET ROUND SP

Model / Model	Numer katalogowy / Catalogue number		Optyka / Optics	Strumień światłny / Luminous flux	Moc awaryjna / Emergency power	Tryb / Mode	Autonomia / Autonomy	Test / Test	Stopień ochrony / Protection level	Max pobór mocy / Max power consumption	Akumulator / Battery Pack
	Biały / White	Czarny / Black									
STARLET ROUND SP MT											
STARLET ROUND SP 150 NM 1H MT	86258	86264	SP	158 lm	1W	NM	1h	MT	IP20	1W	NiCd 3.6V 800mAh
STARLET ROUND SP 150 M 1H MT	86259	86265	SP	158 lm	1W	M	1h	MT	IP20	3,5W	NiCd 3.6V 800mAh
STARLET ROUND SP 150 NM 3H MT	86282	86288	SP	158 lm	1W	NM	3h	MT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 150 M 3H MT	86283	86289	SP	158 lm	1W	M	3h	MT	IP20	4W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 250 NM 1H MT	86294	86300	SP	276 lm	2W	NM	1h	MT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SP 250 M 1H MT	86295	86301	SP	276 lm	2W	M	1h	MT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SP 250 NM 3H MT	86318	86324	SP	276 lm	2W	NM	3h	MT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SP 250 M 3H MT	86319	86325	SP	276 lm	2W	M	3h	MT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SP 350 NM 1H MT	86330	86333	SP	357 lm	3W	NM	1h	MT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 350 NM 2H MT	86336	86339	SP	357 lm	3W	NM	2h	MT	IP20	2,5W	LiFePO4 6,4V 2000mAh

STARLET ROUND SP AT

STARLET ROUND SP 150 NM 1H AT	86260	86266	SP	158 lm	1W	NM	1h	AT	IP20	1W	NiCd 3.6V 800mAh
STARLET ROUND SP 150 M 1H AT	86261	86267	SP	158 lm	1W	M	1h	AT	IP20	3,5W	NiCd 3.6V 800mAh
STARLET ROUND SP 150 NM 3H AT	86284	86290	SP	158 lm	1W	NM	3h	AT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 150 M 3H AT	86285	86291	SP	158 lm	1W	M	3h	AT	IP20	4W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 250 NM 1H AT	86296	86302	SP	276 lm	2W	NM	1h	AT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SP 250 M 1H AT	86297	86303	SP	276 lm	2W	M	1h	AT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SP 250 NM 3H AT	86320	86326	SP	276 lm	2W	NM	3h	AT	IP20	2,5W	LiFePO4 6,4V 2000mAh



STARLET ROUND SP 250 M 3H AT	86321	86327	SP	276 lm	2W	M	3h	AT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SP 350 NM 1H AT	86331	86334	SP	357 lm	3W	NM	1h	AT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 350 NM 2H AT	86337	86340	SP	357 lm	3W	NM	2h	AT	IP20	2,5W	LiFePO4 6,4V 2000mAh

STARLET ROUND SP CT

STARLET ROUND SP 150 NM 1H CT	86262	86268	SP	158 lm	1W	NM	1h	CT	IP20	1W	NiCd 3.6V 800mAh
STARLET ROUND SP 150 M 1H CT	86263	86269	SP	158 lm	1W	M	1h	CT	IP20	3,5W	NiCd 3.6V 800mAh
STARLET ROUND SP 150 NM 3H CT	86286	86292	SP	158 lm	1W	NM	3h	CT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 150 M 3H CT	86287	86293	SP	158 lm	1W	M	3h	CT	IP20	4W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 250 NM 1H CT	86298	86304	SP	276 lm	2W	NM	1h	CT	IP20	1,5W	LiFePO4 6,4V 600mAh
STARLET ROUND SP 250 M 1H CT	86299	86305	SP	276 lm	2W	M	1h	CT	IP20	6W	LiFePO4 6,4V 600mAh
STARLET ROUND SP 250 NM 3H CT	86322	86328	SP	276 lm	2W	NM	3h	CT	IP20	2,5W	LiFePO4 6,4V 2000mAh
STARLET ROUND SP 250 M 3H CT	86323	86329	SP	276 lm	2W	M	3h	CT	IP20	8W	LiFePO4 6,4V 2000mAh
STARLET ROUND SP 350 NM 1H CT	86332	86335	SP	357 lm	3W	NM	1h	CT	IP20	1,5W	LiFePO4 6,4V 1000mAh
STARLET ROUND SP 350 NM 2H CT	86338	86341	SP	357 lm	3W	NM	2h	CT	IP20	2,5W	LiFePO4 6,4V 2000mAh

STARLET ROUND SP CB

STARLET ROUND SP 150 CB	86252	86255	SP	158 lm	1W	-	-	CB	IP20	2,5W	-
STARLET ROUND SP 250 CB	86253	86256	SP	276 lm	2W	-	-	CB	IP20	5W	-
STARLET ROUND SP 350 CB	86254	86257	SP	357 lm	3W	-	-	CB	IP20	6W	-

SP - optyka do punktów bezpieczeństwa / optics for safety points
M - tryb sieciowo-awaryjny / maintained mode
NM - tryb awaryjny / non-maintained mode
MT - test ręczny / manual test

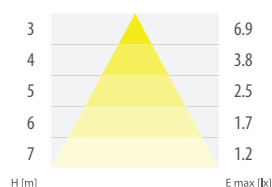
AT - test automatyczny / auto test
CT - test centralny (system WELLS) / central test (WELLS system)
CB - bateria centralna / central battery

Starlet Round SO
zainstalowana na uchwycie kątowym /
installed on 0°- 90° mounting bracket

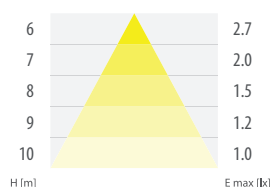


Uchwyt montażu kątownego /
0° - 90° mounting support

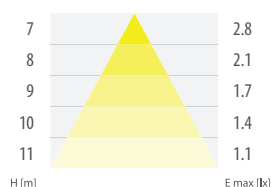
WYKRESY STOŹKOWE / CONE DIAGRAM



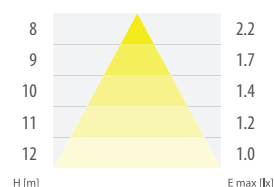
Starlet Round SO 150



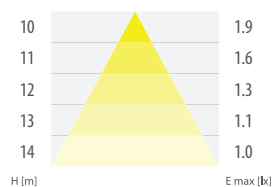
Starlet Round SO 250



Starlet Round SO 350



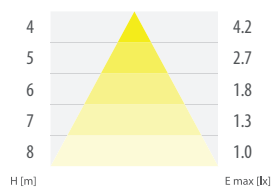
Starlet Round SOH 250



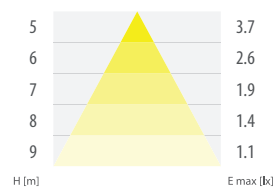
Starlet Round SOH 350



Starlet Round SC 150



Starlet Round SC 250



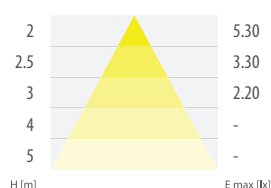
Starlet Round SC 350



Starlet Round SCH 250



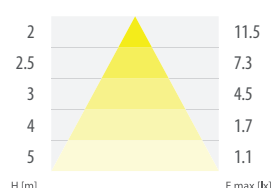
Starlet Round SCH 350



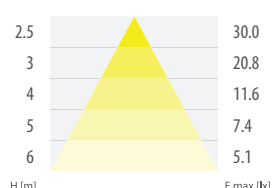
Starlet Round SQ 150



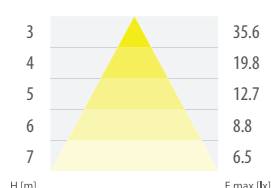
Starlet Round SQ 250



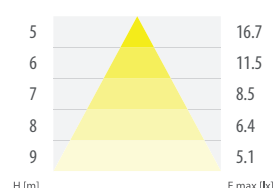
Starlet Round SQ 350



Starlet Round SP 150



Starlet Round SP 250



Starlet Round SP 350

PRZYKŁADOWE ROZSYŁY ŚWIATŁA DLA SOCZEWEK / EXEMPLARY LIGHT DIVISIONS FOR LENS

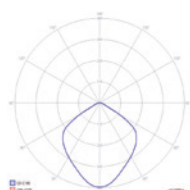
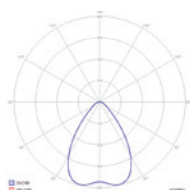
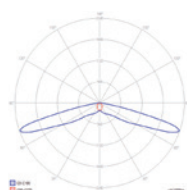
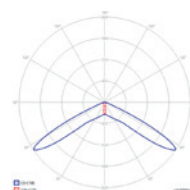
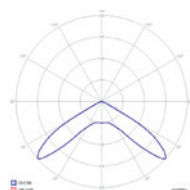
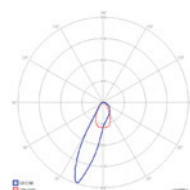
SO - strefy otwarte /
open spacesSOH - strefy otwarte wysokie /
high open spacesSC - korytarze /
corridorsSCH - korytarze wysokie /
high corridorsSQ - niskie strefy otwarte / square
beam open spaces opticsSP - do punktów bezpieczeństwa /
for safety points



TABELA ODSTĘPÓW DLA PŁASKICH DRÓG EWAKUACYJNYCH / SPACING TABLE FOR FLAT EVACUATION ROUTES

STARLET ROUND

STARLET ROUND SO 150

Wysokość montażu (m) / Installation height (m)				
2,5	3,6	8,0	8,0	3,6
3	3,8	8,9	8,9	3,8
4	3,9	10,1	10,1	3,9

STARLET ROUND SO 250

Wysokość montażu (m) / Installation height (m)				
2,5	4,1	8,9	8,9	4,1
3	4,5	10,1	10,1	4,5
4	4,9	11,9	11,9	4,9

STARLET ROUND SO 350

Wysokość montażu (m) / Installation height (m)				
2,5	3,8	8,3	8,3	3,8
3	4,4	9,4	9,4	4,4
4	5,2	11,5	11,5	5,2

STARLET ROUND SOH 250

Wysokość montażu (m) / Installation height (m)				
4	4,8	11,1	11,1	4,8
6	5,1	12,5	12,5	5,1
8	5,0	13,6	13,6	5,0

STARLET ROUND SOH 350

Wysokość montażu (m) / Installation height (m)				
6	5,2	11,9	11,9	5,2
8	5,7	13,7	13,7	5,7
10	6,0	15,2	15,2	6,0

STARLET ROUND SC 150

Wysokość montażu (m) / Installation height (m)				
2,5	0,8	2,0	18,7	8,4
3	0,9	2,1	21,3	9,3
4	1,1	2,4	24,6	7,8

STARLET ROUND SC 250

Wysokość montażu (m) / Installation height (m)				
2,5	1,0	2,9	19,3	8,9
3	1,0	2,6	22,1	10,1
4	1,2	2,7	27,3	12,0

STARLET ROUND SC 350

Wysokość montażu (m) / Installation height (m)				
2,5	1,2	4,1	19,7	9,3
3	1,2	3,6	22,9	10,7
4	1,2	3,0	28,8	13,0

STARLET ROUND SCH 250

Wysokość montażu (m) / Installation height (m)				
4	0,9	2,0	17,8	8,5
6	1,0	2,3	25,0	11,5
8	1,0	2,6	31,0	13,7

STARLET ROUND SCH 350

Wysokość montażu (m) / Installation height (m)				
6	1,1	2,6	26,3	12,1
8	1,2	3,0	32,6	14,8
10	0,7	3,0	38,3	16,6

STARLET ROUND SQ 150

Wysokość montażu (m) / Installation height (m)				
2,5	3,9	8,6	8,6	3,9
3	4,3	9,7	9,7	4,3
4	-	7,0	7,0	-

STARLET ROUND SQ 250

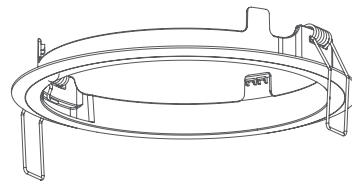
Wysokość montażu (m) / Installation height (m)				
2,5	4,2	9,0	9,0	4,2
3	4,8	10,4	10,4	4,8
4	5,5	12,8	12,8	5,5

STARLET ROUND SQ 350

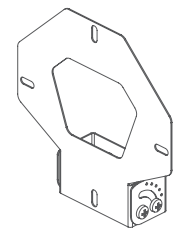
Wysokość montażu (m) / Installation height (m)				
2,5	4,6	9,7	9,7	4,6
3	5,3	11,4	11,4	5,3
4	6,2	14,1	14,1	6,2

AKCESORIA / ACCESSORIES

Wykonanie produktu / Product version	Numer katalogowy / Catalogue number	
	Biały / White	Czarny / Black
Ramka do montażu podtynkowego PT / PT recessed installation frame	91990	90990
Uchwyt montażu kątownego / 0° - 90° mounting support	92800	93070



Ramka do montażu podtynkowego PT /
PT recessed installation frame



Uchwyt montażu kątownego /
0° - 90° mounting support