

LED Navigation Lights S64 (Standard) for vessels up to 50 m



Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (100.01)		330	0,8	2	64 / 54	12 / 24
Starboard (101.02)		330	0,7	2	64 / 54	12 / 24
Stern (102.00)		330	0,7	2	64 / 54	12 / 24
Stern Suez red (102.01)		330	2,1	3	64 / 65	12 / 24
Stern Kiel canal green (102.02)		330	1,7	3	64 / 65	12 / 24
Towing yellow (102.03)		330	0,7	2	64 / 54	12 / 24
Masthead 3 nm (103.00)*		310	1,8	3	64 / 54	12 / 24
Masthead 5 nm (104.00)		310	5	5	64 / 54	24
All-round, white (105.00)		300	1	2	64 / 54	12 / 24
All-round, red (105.01)		300	1,1	2	64 / 54	12 / 24
All-round, green (105.02)		300	1	2	64 / 54	12 / 24
All-round, yellow (105.03)		300	1	2	64 / 54	12 / 24
Signal light, white, 180° (105.00-180)		370	0,9	2	64 / 54	12 / 24
Signal light, red, 180° (105.01-180)		370	1	2	64 / 54	12 / 24
Signal light, green, 180° (105.02-180)		370	0,9	2	64 / 54	12 / 24
Signal light, yellow, 180° (105.03-180)		370	0,9	2	64 / 54	12 / 24
Bicolor (106.08)*		330	1,2	2	64 / 54	12 / 24
Tricolor (107.08)*		330	1,6	2	64 / 54	12 / 24
Tricolor / Anchor (108.08) *		330	1,6/1,2	2	64 / 54	12 / 24

*for vessel up to 20 m

light source	High Power LED
operating temperature	-50 °C to 55 °C
storage temperature	-50 °C to 80 °C
life time	> 120.000 h
maintenance	maintenance free
connection	two-wire 1 mm², about 1,5 m
housing	anodized aluminum borosilicate glass stainless steel A316
protection class	IP 67 / 68
approvals	0098

LED Navigation Lights S64 (Base) for vessels up to 50 m

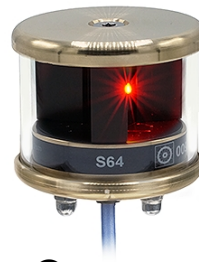
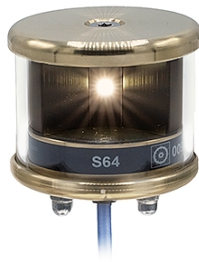


Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (130.01)		480	0,8	2	64 / 65	12 / 24
Starboard (131.02)		480	0,7	2	64 / 65	12 / 24
Stern (132.00)		480	0,7	2	64 / 65	12 / 24
Stern Suez red (132.01)		480	2,1	3	64 / 65	12 / 24
Stern Kiel canal green (132.02)		480	1,7	3	64 / 65	12 / 24
Towing yellow (132.03)		480	0,7	2	64 / 65	12 / 24
Masthead 3 nm (133.00)*		460	1,8	3	64 / 65	12 / 24
Masthead 5 nm (134.00)		460	5	5	64 / 65	24
All-round, white (135.00)		450	1	2	64 / 65	12 / 24
All-round, red (135.01)		450	1,1	2	64 / 65	12 / 24
All-round, green (135.02)		450	1	2	64 / 65	12 / 24
All-round, yellow (135.03)		450	1	2	64 / 65	12 / 24
Signal light, white, 180° (135.00-180)		520	0,9	2	64 / 65	12 / 24
Signal light, red, 180° (135.01-180)		520	1	2	64 / 65	12 / 24
Signal light, green, 180° (135.02-180)		520	0,9	2	64 / 65	12 / 24
Signal light, yellow, 180° (135.03-180)		520	0,9	2	64 / 65	12 / 24
Bicolor (136.08)*		480	1,2	2	64 / 65	12 / 24
Tricolor (137.08)*		480	1,6	2	64 / 65	12 / 24
Tricolor / Anchor (138.08) *		480	1,6/1,2	2	64 / 65	12 / 24

*for vessel ut to 20 m

light source	High Power LED
operating temperature	-50 °C to 55 °C
storage temperature	-50 °C to 80 °C
life time	> 120.000 h
maintenance	maintenance free
connection	two-wire 1 mm², about 1,5 m
housing	anodized aluminum borosilicate glass stainless steel A316
protection class	IP 67 / 68
approvals	0098

LED Navigation Lights S64 (Classic) for vessels up to 50 m



Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (150.01)		540	0,8	2	64 / 54	12 / 24
Starboard (151.02)		540	0,7	2	64 / 54	12 / 24
Stern (152.00)		540	0,7	2	64 / 54	12 / 24
Stern Suez red (152.01)		540	2,1	3	64 / 65	12 / 24
Stern Kiel canal green (152.02)		540	1,7	3	64 / 65	12 / 24
Towing yellow (152.03)		540	0,7	2	64 / 54	12 / 24
Masthead 3 nm (153.00)*		520	1,8	3	64 / 54	12 / 24
Masthead 5 nm (154.00)		520	5	5	64 / 54	24
All-round, white (155.00)		510	1	2	64 / 54	12 / 24
All-round, red (155.01)		510	1,1	2	64 / 54	12 / 24
All-round, green (155.02)		510	1	2	64 / 54	12 / 24
All-round, yellow (155.03)		510	1	2	64 / 54	12 / 24
Signal light, white, 180° (155.00-180)		580	0,9	2	64 / 54	12 / 24
Signal light, red, 180° (155.01-180)		580	1	2	64 / 54	12 / 24
Signal light, green, 180° (155.02-180)		580	0,9	2	64 / 54	12 / 24
Signal light, yellow, 180° (155.03-180)		580	0,9	2	64 / 54	12 / 24
Bicolor (156.08)*		540	1,2	2	64 / 54	12 / 24
Tricolor (157.08)*		540	1,6	2	64 / 54	12 / 24
Tricolor / Anchor (158.08) *		540	1,6/1,2	2	64 / 54	12 / 24

*for vessel up to 20 m

light source	High Power LED
operating temperature	-50 °C to 55 °C
storage temperature	-50 °C to 80 °C
life time	> 120.000 h
maintenance	maintenance free
connection	two-wire 1 mm², about 1,5 m
housing	Bronze CW307G borosilicate glass stainless steel A316
protection class	IP 67 / 68
approvals	0098

LED Navigation Lights S64 (Base bronze) for vessels up to 50 m



Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (180.01)		940	0,8	2	64 / 65	12 / 24
Starboard (181.02)		940	0,7	2	64 / 65	12 / 24
Stern (182.00)		940	0,7	2	64 / 65	12 / 24
Stern Suez red (182.01)		940	2,1	3	64 / 65	12 / 24
Stern Kiel canal green (182.02)		940	1,7	3	64 / 65	12 / 24
Towing yellow (182.03)		940	0,7	2	64 / 65	12 / 24
Masthead 3 nm (183.00)*		930	1,8	3	64 / 65	12 / 24
Masthead 5 nm (184.00)		930	5	5	64 / 65	24
All-round, white (185.00)		910	1	2	64 / 65	12 / 24
All-round, red (185.01)		910	1,1	2	64 / 65	12 / 24
All-round, green (185.02)		910	1	2	64 / 65	12 / 24
All-round, yellow (185.03)		910	1	2	64 / 65	12 / 24
Signal light, white, 180° (185.00-180)		980	0,9	2	64 / 65	12 / 24
Signal light, red, 180° (185.01-180)		980	1	2	64 / 65	12 / 24
Signal light, green, 180° (185.02-180)		980	0,9	2	64 / 65	12 / 24
Signal light, yellow, 180° (185.03-180)		980	0,9	2	64 / 65	12 / 24
Bicolor (186.08)*		940	1,2	2	64 / 65	12 / 24
Tricolor (187.08)*		940	1,6	2	64 / 65	12 / 24
Tricolor / Anchor (188.08) *		940	1,6/1,2	2	64 / 65	12 / 24

*for vessel ut to 20 m

light source	High Power LED
operating temperature	-50 °C to 55 °C
storage temperature	-50 °C to 80 °C
life time	> 120.000 h
maintenance	maintenance free
connection	two-wire 1 mm², about 1,5 m
housing	Bronze CW307G borosilicate glass stainless steel A316
protection class	IP 67 / 68
approvals	0098