

LED Navigation Lights S64 (Standard) for vessels over 50 m



Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (100.31)		330	1,9	3	64 / 54	24
Starboard (101.32)		330	2,0	3	64 / 54	24
Stern (102.30)		330	1,7	3	64 / 54	24
Stern Suez red (102.31)		330	2,1	3	64 / 65	24
Stern Kiel canal green (102.32)		330	1,7	3	64 / 65	24
Towing yellow (102.33)		330	2,1	3	64 / 54	24
Masthead 6 nm (104.30)		400	9,8	6	64 / 70	24
All-round, white (105.30)		300	2,9	3	64 / 54	24
All-round, red (105.31)		300	3,3	3	64 / 54	24
All-round, green (105.32)		300	3,1	3	64 / 54	24
All-round, yellow (105.33)		300	2,9	3	64 / 54	24
Signal light, white, 180° (105.30-180)		370	2,4	3	64 / 54	24
Signal light, red, 180° (105.31-180)		370	2,8	3	64 / 54	24
Signal light, green, 180° (105.32-180)		370	2,7	3	64 / 54	24
Signal light, yellow, 180° (105.33-180)		370	2,4	3	64 / 54	24
Anchor-manoeuve (105.50)		300	4,5	5	64 / 54	24
All-round, white, flash (105.20)		300	2,9	3	64 / 54	24

light source	High Power LED
operating temperature	-50 °C to 55 °C
storage temperature	-50 °C to 80 °C
life time	> 100.000 h
maintenance	maintenance free
connection	two-wire 1 mm ² , about 1,5 m
housing	anodized aluminum borosilicate glass stainless steel A316
protection class	IP 67 / 68
approvals	0098

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



Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (180.31)		940	1,9	3	64 / 65	24
Starboard (181.32)		940	2,0	3	64 / 65	24
Stern (182.30)		940	1,7	3	64 / 65	24
Stern Suez red (182.31)		940	2,1	3	64 / 65	24
Stern Kiel canal green (182.32)		940	1,7	3	64 / 65	24
Towing yellow (182.33)		940	2,1	3	64 / 65	24
Masthead 6 nm (184.30)		1170	9,8	6	64 / 81	24
All-round, white (185.30)		910	2,9	3	64 / 65	24
All-round, red (185.31)		910	3,3	3	64 / 65	24
All-round, green (185.32)		910	3,1	3	64 / 65	24
All-round, yellow (185.33)		910	2,9	3	64 / 65	24
Signal light, white, 180° (185.30-180)		980	2,4	3	64 / 65	24
Signal light, red, 180° (185.31-180)		980	2,8	3	64 / 65	24
Signal light, green, 180° (185.32-180)		980	2,7	3	64 / 65	24
Signal light, yellow, 180° (185.33-180)		980	2,4	3	64 / 65	24
Anchor-manoeuve (185.50)		910	4,5	5	64 / 65	24
All-round, white, flash (185.20)		910	2,9	3	64 / 65	24

light source	High Power LED
operating temperature	-50 °C to 55 °C
storage temperature	-50 °C to 80 °C
life time	> 100.000 h
maintenance	maintenance free
connection	two-wire 1 mm ² , about 1,5 m
housing	Bronze CW307G borosilicate glass stainless steel A316
protection class	IP 67 / 68
approvals	0098

LED Navigation Lights S64 (Base) for vessels over 50 m



Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (130.31)		480	1,9	3	64 / 65	24
Starboard (131.32)		480	2,0	3	64 / 65	24
Stern (132.30)		480	1,7	3	64 / 65	24
Stern Suez red (132.31)		480	2,1	3	64 / 65	24
Stern Kiel canal green (132.32)		480	1,7	3	64 / 65	24
Towing yellow (132.33)		480	2,1	3	64 / 65	24
Masthead 6 nm (134.30)		550	9,8	6	64 / 81	24
All-round, white (135.30)		450	2,9	3	64 / 65	24
All-round, red (135.31)		450	3,3	3	64 / 65	24
All-round, green (135.32)		450	3,1	3	64 / 65	24
All-round, yellow (135.33)		450	2,9	3	64 / 65	24
Signal light, white, 180° (135.30-180)		520	2,4	3	64 / 65	24
Signal light, red, 180° (135.31-180)		520	2,8	3	64 / 65	24
Signal light, green, 180° (135.32-180)		520	2,7	3	64 / 65	24
Signal light, yellow, 180° (135.33-180)		520	2,4	3	64 / 65	24
Anchor-manoeuve (135.50)		450	4,5	5	64 / 65	24
All-round, white, flash (135.20)		450	2,9	3	64 / 65	24

light source	High Power LED
operating temperature	-50 °C to 55 °C
storage temperature	-50 °C to 80 °C
life time	> 100.000 h
maintenance	maintenance free
connection	two-wire 1 mm ² , 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 over 50 m



Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (150.31)		540	1,9	3	64 / 54	24
Starboard (151.32)		540	2,0	3	64 / 54	24
Stern (152.30)		540	1,7	3	64 / 54	24
Stern Suez red (152.31)		540	2,1	3	64 / 65	24
Stern Kiel canal green (152.32)		540	1,7	3	64 / 65	24
Towing yellow (152.33)		540	2,1	3	64 / 54	24
Masthead 6 nm (154.30)		890	9,8	6	64 / 70	24
All-round, white (155.30)		510	2,9	3	64 / 54	24
All-round, red (155.31)		510	3,3	3	64 / 54	24
All-round, green (155.32)		510	3,1	3	64 / 54	24
All-round, yellow (155.33)		510	2,9	3	64 / 54	24
Signal light, white, 180° (155.30-180)		580	2,4	3	64 / 54	24
Signal light, red, 180° (155.31-180)		580	2,8	3	64 / 54	24
Signal light, green, 180° (155.32-180)		580	2,7	3	64 / 54	24
Signal light, yellow, 180° (155.33-180)		580	2,4	3	64 / 54	24
Anchor-manoeuve (155.50)		510	4,5	5	64 / 54	24
All-round, white, flash (155.20)		510	2,9	3	64 / 54	24

light source	High Power LED
operating temperature	-50 °C to 55 °C
storage temperature	-50 °C to 80 °C
life time	> 100.000 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