

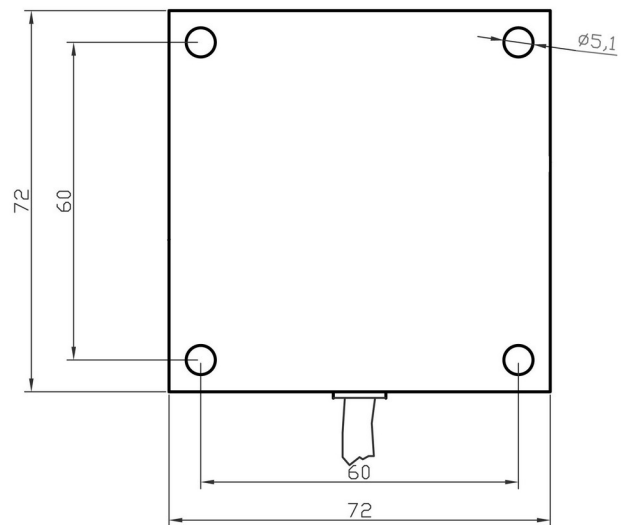
explosion protected LED Navigation Lights S64 (Base) for vessels over 50 m



Type (Item-No.)		Weight (g)	Energy consumption (W)	Visibility (nm)	Diameter / Height (mm)	Voltage (V DC)
Port (130.31ex)		480	1,9	3	64 / 65	24
Starboard (131.32ex)		480	2,0	3	64 / 65	24
Stern (132.30ex)		480	1,7	3	64 / 65	24
Stern Suez red (132.31ex)		480	2,1	3	64 / 65	24
Stern Kiel canal green (132.32ex)		480	1,7	3	64 / 65	24
Stern Towing yellow (132.33ex)		480	1,8	3	64 / 65	24
Masthead 6 nm (134.30ex)		550	9,8	6	64 / 81	24
All-round, white (135.30ex)		450	2,9	3	64 / 65	24
All-round, red (135.31ex)		450	3,3	3	64 / 65	24
All-round, green (135.32ex)		450	3,1	3	64 / 65	24
All-round, yellow (135.33ex)		450	2,9	3	64 / 65	24
Signal light, white, 180° (135.30-180ex)		520	2,4	3	64 / 65	24
Signal light, red, 180° (135.31-180ex)		520	2,8	3	64 / 65	24
Signal light, green, 180° (135.32-180ex)		520	2,7	3	64 / 65	24
Signal light, yellow, 180° (135.33-180ex)		520	2,4	3	64 / 65	24
Anchor-manoeuvre (135.50ex)		450	4,5	5	64 / 65	24
All-round, white, flash (135.20ex)		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  II 3G Ex ec IIC T4 Gc X II 3D Ex tc IIIC T130 °C Dc X

explosion protected Heating platform for Series S64



Item	130.99ex	
Length/ Width/ Height	70 mm / 70 mm / 17 mm	
Weight	190 g	
Nominal voltage	24 V DC	
Temperature measurement	PT1000	(brown, blue wire)
Energy consumption	max 12 W	(red, black wire)
Operating temperature	-25 °C to 40 °C	
Life time	> 60.000 h	
Maintenance	maintenance free	
Connection	four-core cable 1 mm ² , approx. 1.5 m	
Housing	anodized aluminum	
Protection class	IP 67 / 68	
Approvals	 II 3G Ex mc IIC T4 Gx X II 3D Ex mc IIIC T130 °C Dc X	

explosion protected Double 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 (130.61ex)		480	1,9	3	64 / 65	24
Starboard (131.62ex)		480	2,0	3	64 / 65	24
Stern (132.60ex)		480	1,7	3	64 / 65	24
Stern Suez red (132.61ex)		480	2,1	3	64 / 65	24
Stern Kiel canal green (132.62ex)		480	1,7	3	64 / 65	24
Towing yellow (132.63ex)		480	2,1	3	64 / 65	24
Masthead 6 nm (134.60ex)		550	9,8	6	64 / 81	24
All-round, white (135.60ex)		450	2,9	3	64 / 65	24
All-round, red (135.61ex)		450	3,3	3	64 / 65	24
All-round, green (135.62ex)		450	3,1	3	64 / 65	24
All-round, yellow (135.63ex)		450	2,9	3	64 / 65	24
Signal light, white, 180° (135.60-180ex)		520	2,4	3	64 / 65	24
Signal light, red, 180° (135.61-180ex)		520	2,8	3	64 / 65	24
Signal light, green, 180° (135.62-180ex)		520	2,7	3	64 / 65	24
Signal light, yellow, 180° (135.63-180ex)		520	2,4	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	four-wire 1 mm ² , about 1,5 m
housing	anodized aluminum borosilicate glass stainless steel A316
protection class	IP 67 / 68
approvals	0098 II 3G Ex ec IIC T4 Gc X II 3D Ex tc IIIC T130 °C Dc X