

# TL60 LED

Innovative watertight LED luminaire



TL60 LED 4500



TL60 LED 2200



## Description

The innovative LED outdoor lighting fixtures are applicable for a wide range of different areas, e.g. workshops, engine rooms, stores, passage ways etc.

They are designed to meet maritime requirements and to save energy and maintenance cost due to extreme long lifetime.

The combination of material and design assures an excellent heat management and therefore a long lifetime.

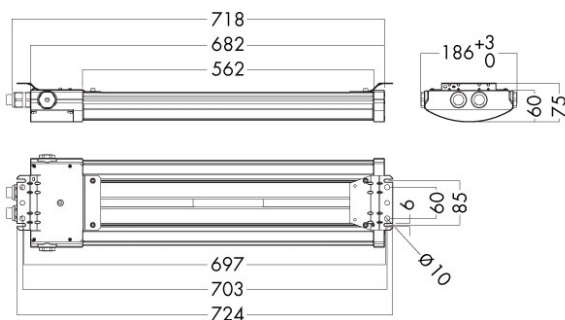
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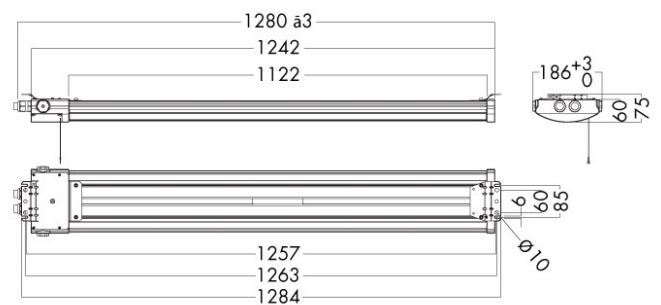
### Technical description

<b>Mounting</b>	Mounted to the ceiling or cable trays by: screws, different screwed or welded mounting brackets, shock mounts or triangles are available. Mounting distance adjustable.	<b>Design</b>	According to rules of maritime classification societies, additional VDE and IEC/EN
<b>Electric</b>	High quality driver and high end Led's for a long lifetime, battery backup for emergency and dimmable versions are available.	<b>Approvals</b>	Germanischer Lloyd approved
<b>Housing</b>	Seawater resistant, galvanized aluminium housing	<b>Ambient Temperature</b>	Operation from -35°C up to +55°C in standard version
<b>Lightsource/Optic</b>	Designed in two length with 2200 or 4500 lumen output from the fixture, Led's are covered by opalic polycarbonate diffuser.	<b>Finish</b>	Grey anodized
<b>Application</b>	For areas like car decks, open decks, engine rooms and other demanding applications such as extreme weather conditions at sea	<b>Connection</b>	Connection box with cable entry 2xM25x1.5 polyamide D7-17mm and blind plugs 2xM25x1.5 polyamide Terminal 3-pole/6 mm <sup>2</sup>

### Measurement drawings



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TL60 LED 4500

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Item description	Item no.	Minimum Voltage -10% (V)	Total consumption (W)	Light source	System Lumen Out	Body material
TL60 2200 840 110-240 M25 AS	TL60404001	110	25	LED White	2221	Aluminium seawater resistant
TL60 2200 840 110-240 M25 GL	TL60404002	110	25	LED White	2221	Aluminium seawater resistant
TL60 4500 840 110-240 M25 AS	TL60704001	110	50	LED White	4517	Aluminium seawater resistant
TL60 4500 840 110-240 M25 GL	TL60704002	110	50	LED White	4517	Aluminium seawater resistant
TL60 4500 840 110-240 HFDa M25 GL	TL60704004	110	50	LED White	4517	Aluminium seawater resistant
TL60 2200 840 110-120 HFE3 M25 GL	TL60414006	110	25	LED White	2221	Aluminium seawater resistant
TL60 6000 840 220-240 M25 AS	TL60724801	220	61	LED White	5953	Aluminium seawater resistant
TL60 6000 840 220-240 M25 GL	TL60724802	220	61	LED White	5953	Aluminium seawater resistant
TL60 2200 BLUE 110-240 M25 GL	TL60404006	110	25	LED Blue	412	Aluminium seawater resistant
TL60 2200 840 230 HFE3 M25 GL	TL60424010	230	25	LED White	2221	Aluminium seawater resistant
TL60 2200 840 110-240 M25 BN GL	TL60404005	110	25	LED White	2221	Aluminium seawater resistant
TL60 2200 840 230 HFE3 M25 AS	TL60424005	230	25	LED White	2221	Aluminium seawater resistant
TL60 2200 840 230 HFE3 M25 GL	TL60424006	230	25	LED White	2221	Aluminium seawater resistant
TL60 4500 840 230 HFE3 M25 GL	TL60724006	230	50	LED White	4517	Aluminium seawater resistant
TL60 2200 840 110-240 TW M25 QW AS	TL60304001	110	25	LED White	2220	Aluminium seawater resistant
TL60 4500 840 230 HFE3 M25 AS	TL60724005	230	50	LED White	4517	Aluminium seawater resistant
TL60 2200 840 110-240 M20 BN GL	TL60404104	110	25	LED White	2221	Aluminium seawater resistant

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TL60 2200 840 110-240 M25 AS	TL60404008	110	25	LED White	2221	Aluminium seawater resistant
TL60 4500 840 110-240 M25 AS	TL60704009	110	50	LED White	4517	Aluminium seawater resistant
TL60 4500 840 230 HFE3 M25 AS	TL60724009	230	50	LED White	4517	Aluminium seawater resistant
TL60 2200 840 110-240 TW M25 AS	TL60404011	110	25	LED White	2221	Aluminium seawater resistant
TL60 2200 840 110-240 TW M25 GL	TL60404012	110	25	LED White	2221	Aluminium seawater resistant