

WISDOM LIGHT

YACHT & BOAT LIGHTING



Tailored lighting for yachts

At Wisdom Light, we specialize in delivering lighting solutions that balance refined aesthetics with technical precision. Drawing from years of experience across diverse lighting applications, we developed this recessed track system specifically for the unique interior needs of luxury yachts.

Seamlessly integrated into ceiling structures, the system provides clean, understated illumination—ideal for lounges, cabins, and custom interior zones. Operating on a DC 10 – 30V platform and featuring PWM dimming, it delivers reliable, energy-efficient performance suited to marine environments.

Engineered exclusively for the luxury yacht industry, this recessed track lighting system combines precision craftsmanship with marine-grade reliability. Developed in close partnership with leading shipyards, it delivers seamless integration, superior energy efficiency, and customizable performance—meeting the rigorous standards of designers, builders, and discerning yacht owners worldwide.

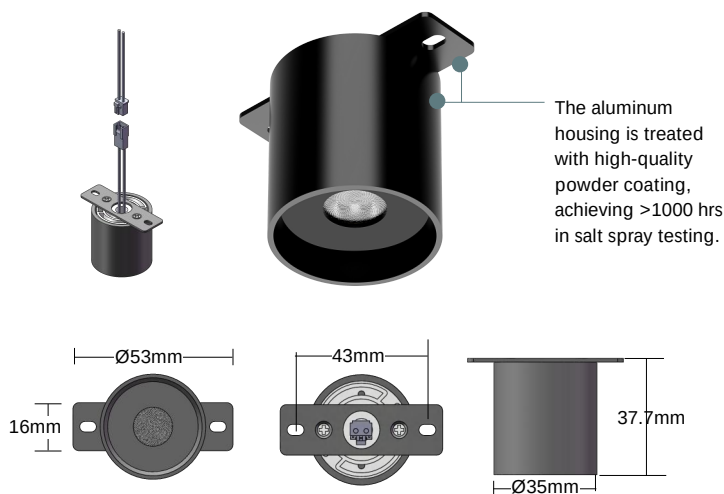
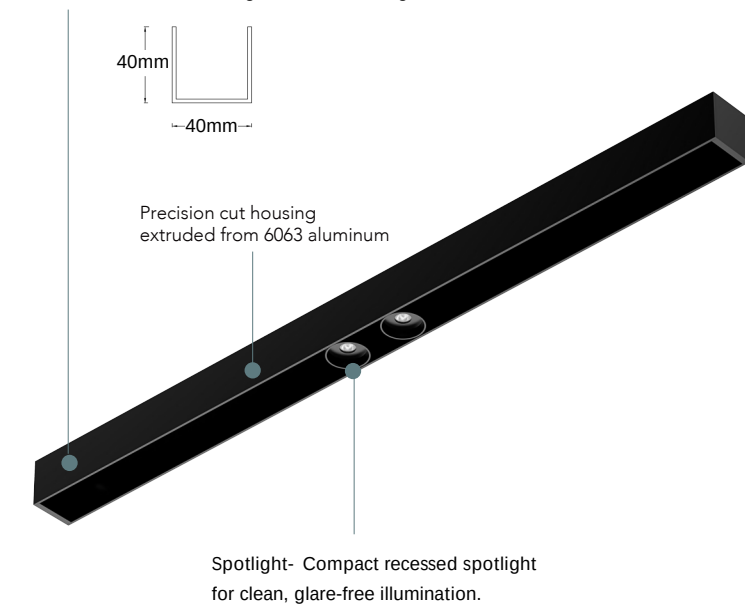


Yacht & Boat Light

Pendant, Recessed, Surface

WISDOM LIGHT

Track dimensions: Max. length 3 m, width/height 40 mm



Order Guide

Sample Model#: Yacht Light-WL-YLSP0015IN3WAPLV27K

Yacht light							
Luminaire ID	Mode	Length	Wattage	Series	Dimming	Power Voltage	CCT
Yacht light	WL-YLSP0= Wisdom Light Yacht Spotlight	015IN=1.5 Inch	3W	A=Single CCT	P=PWM dimming	LV=10-30V	XXK= 27K=2700K 30K=3000K 40K=4000K 50K=5000K

Yacht Light-WL-YLSP0

PENDANT / RECESSED / SURFACE TRACK SPOTLIGHT



This recessed track spotlight system is purpose-built for yacht interiors, combining a streamlined track profile with integrated fixed-beam lighting. Designed for pendant, recessed, or surface mounting, it offers versatile installation options across a variety of ceiling structures. The housing is powder-coated for high durability, tested to withstand over 1000 hours of salt spray exposure — a dependable choice for refined marine interiors.

Designed for interior use on yachts

Model	WL-YLSP0015IN3WAPLVXXK
Length	1.5'
Wattage	3W
Lumens	147lm
Efficacy	49lm/W
Single CCT	27K/30K/40K/50K
Voltage	DC10-30V
Dimming	PWM
CRI	90

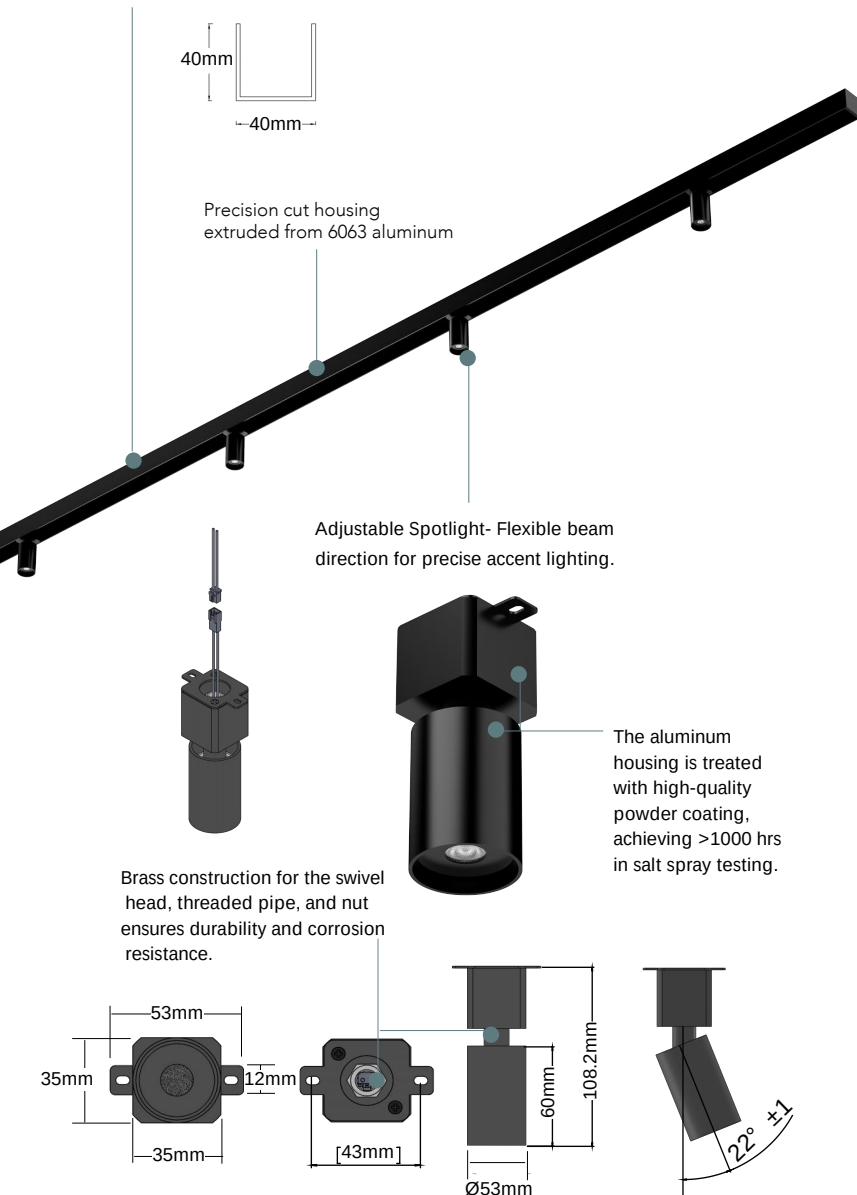


Yacht & Boat Light

Pendant, Recessed, Surface

WISDOM LIGHT

Track dimensions: Max. length 3 m, width/height 40 mm



Order Guide

Sample Model#: Yacht Light-WL-YLADJ015IN3WAPLV27K

Yacht Light	WL-20LSUD						
Luminaire ID	Mode	Length	Wattage	Series	Dimming	Power Voltage	CCT
Yacht Light	WL-YLADJ= Wisdom Light Yacht Adjustable Spotlight	015IN=1.5 Inch	3W	A=Single CCT	P=PWM dimming	LV=10-30V	XXK= 27K=2700K 30K=3000K 40K=4000K 50K=5000K

Yacht Light-WL-YLADJ

PENDANT / RECESSED / SURFACE TRACK ADJUSTABLE SPOTLIGHT



This adjustable spotlight is engineered for precision lighting in yacht interiors, offering a directional beam that can be aimed exactly where needed. Ideal for accent or task lighting, it supports pendant, recessed, or surface installation to match a range of interior layouts. Built with a durable, powder-coated aluminum body, it withstands over 1000 hours of salt spray testing — combining flexibility, performance, and marine-grade reliability.

Designed for interior use on yachts

Model	WL-YLADJ015IN3WAPLVXXK
Length	1.5'
Wattage	3W
Lumens	147lm
Efficacy	49lm/W
Single CCT	27K/30K/40K/50K
Voltage	DC10-30V
Dimming	PWM
CRI	90



Up to 147 lm



Ultra Reliable



Easy Install



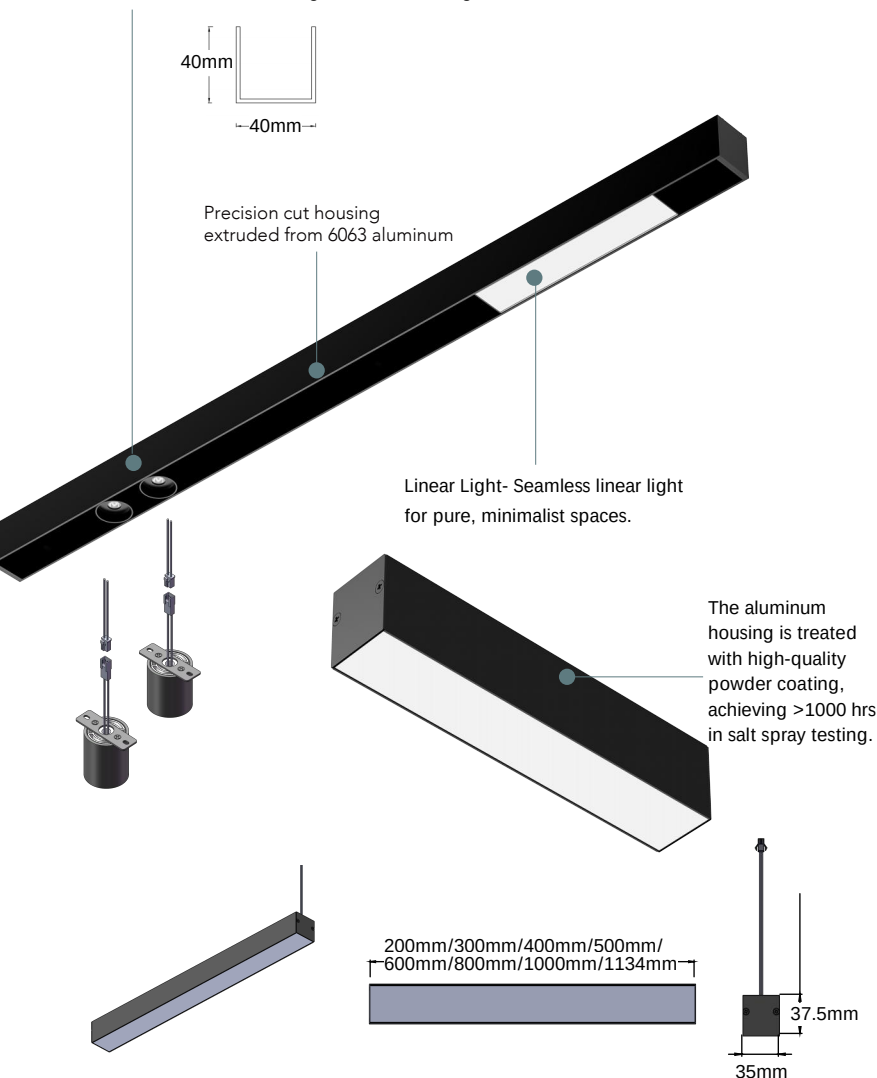
External Driver

Yacht & Boat Light

Pendant, Recessed, Surface

WISDOM LIGHT

Track dimensions: Max. length 3 m, width/height 40 mm



Yacht Light-WL-YLLIN

PENDANT / RECESSED / SURFACE TRACK LINEAR LIGHT



This track-mounted linear light is designed for seamless integration into yacht lighting systems, delivering uniform and continuous illumination through a minimalist profile. As part of a modular track setup, it provides clean ambient lighting while maintaining a refined architectural aesthetic. The powder-coated aluminum housing is salt spray tested for over 1000 hours, ensuring long-lasting performance in demanding marine environments.

Designed for interior use on yachts

Model	WL-YLLINXXFTXWAPLVXXK
Length	200mm/300mm/400mm/500mm/600mm/800mm/1000mm/1134mm
Wattage	3W(200mm)/12W
Lumens	183lm(200mm)/732lm
Efficacy	61lm/W
Single CCT	27K/30K/40K/50K
Voltage	DC10-30V
Dimming	PWM
CRI	90



Up to 732 lm



Ultra Reliable



Easy Install



External Driver

Order Guide

Sample Model#: Yacht Light-WL-YLLIN0.7FT3WAPLV27K

Yacht Light							
Luminaire ID	Mode	Length	Wattage	Series	Dimming	Power Voltage	CCT
Yacht Light	WL-YLLIN= Wisdom Light Yacht Linear Light	0.7FT =200mm 1.0FT =300mm 1.3FT =400 mm 1.6FT =500 mm 2.0FT =600 mm 2.6FT =800 mm 3.3FT =1000mm 3.7FT =1134mm	3W 12W	A=Single CCT	P=PWM dimming	LV=10-30V	XXK= 27K=2700K 30K=3000K 40K=4000K 50K=5000K

Product design and development is an ongoing process at Shenzhen Wisdom Light Co.,Ltd.

We reserve the right to change specifications.

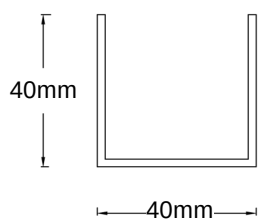
Yacht & Boat Light

Pendant, Recessed, Surface

WISDOM LIGHT

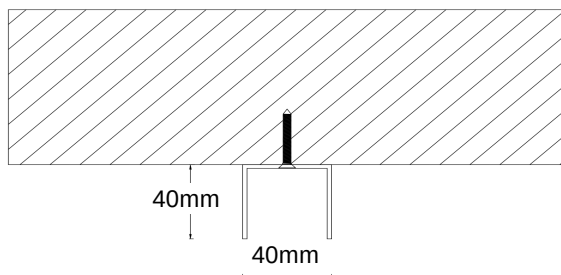
Track standard specification

The ultra-slim track system integrates seamlessly into ceilings or walls, creating a clean and minimalist look. Its modular design allows spotlights and linear light modules to be installed with ease, while the keyhole screw locking ensures quick, secure mounting. Ideal for high-end interiors, it provides designers with a versatile and elegant lighting solution.



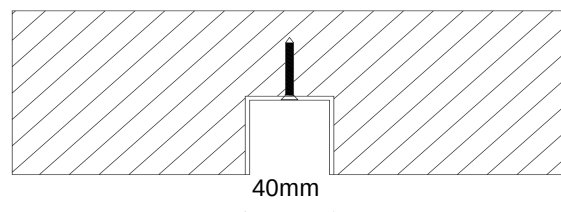
Surface Mount

RSK = Recessed Screw Kits



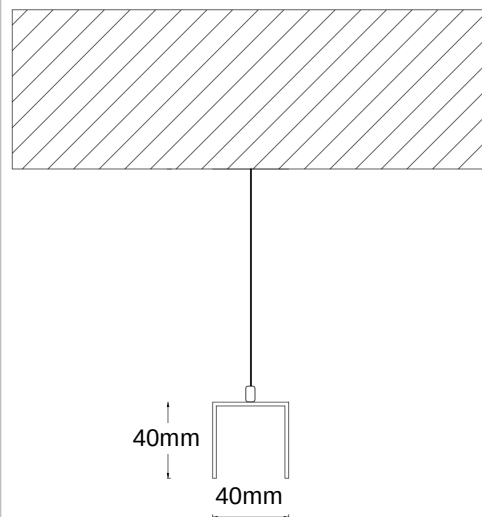
Surface Mount Recessed

RSK = Recessed Screw Kits



Pendant Mount

STB=Aircraft Cable Kits

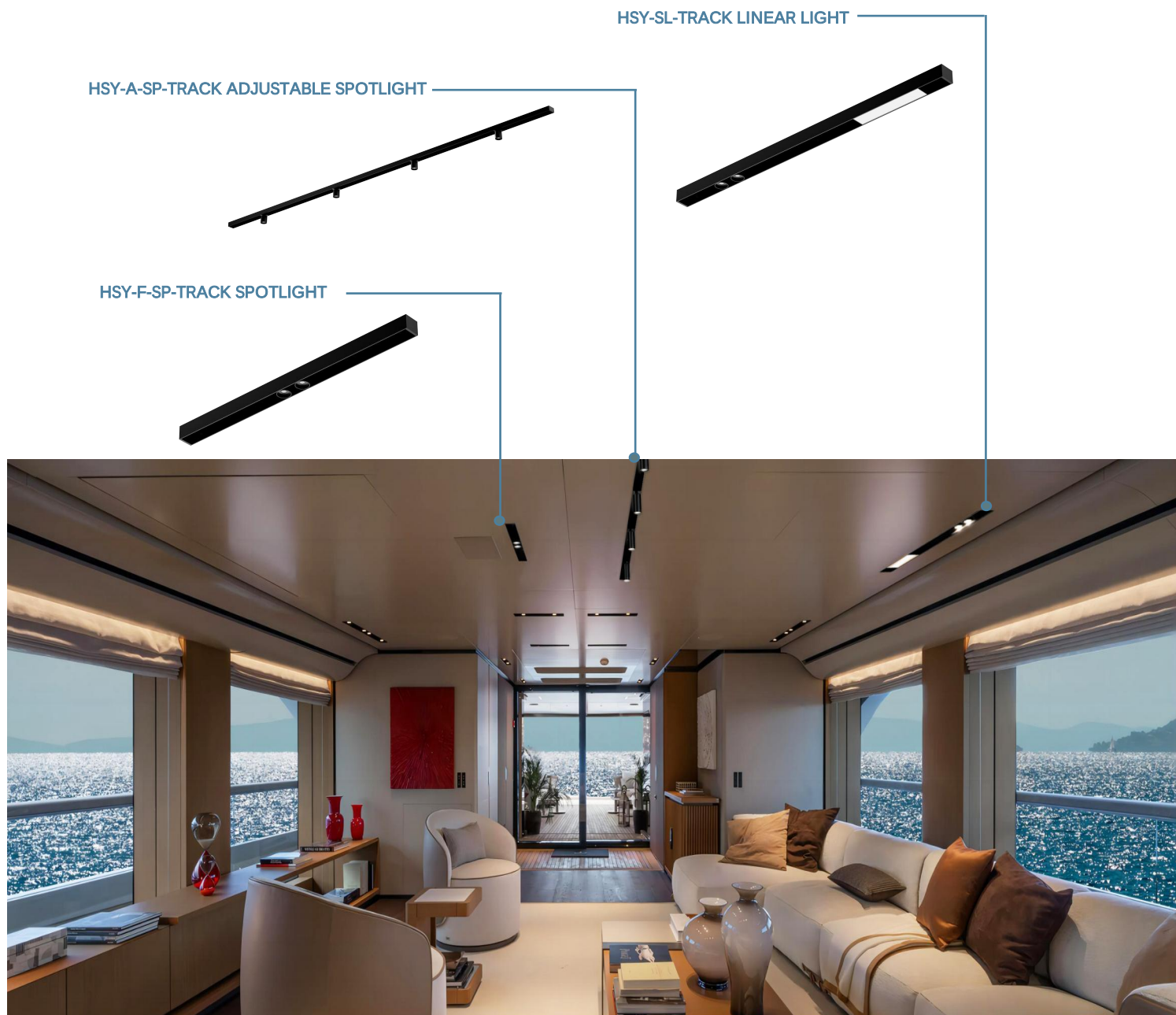


Yacht & Boat Light

Pendant, Recessed, Surface

WISDOM LIGHT

YACHT INTERIOR LIGHTING CONCEPT



****This conceptual scene demonstrates how our lighting modules can be integrated into luxury yacht interiors.**

Technical Specifications

Model	Length	Wattage	Lumens	Efficacy	Single CCT	Voltage	Dimming	CRI
WL-YLSPO015IN3WAPLVXXK	1.5'	3W	147lm	49lm/W	2700K/ 3000K/ 4000K/ 5000K	DC10-30V	PWM	90
WL-YLADJ015IN3WAPLVXXK	1.5'	3W	147lm	49lm/W				
WL-YLLIN0.7FT3WAPLVXXK	0.7FT(200mm)	3W	183lm	61lm/W				
WL-YLLIN1.0FT12WAPLVXXK	1.0FT(300mm)	12W	732lm					
WL-YLLIN1.3FT12WAPLVXXK	1.3FT(400mm)	12W	732lm					
WL-YLLIN1.6FT12WAPLVXXK	1.6FT(500mm)	12W	732lm					
WL-YLLIN2.0FT12WAPLVXXK	2.0FT(600mm)	12W	732lm					
WL-YLLIN2.6FT12WAPLVXXK	2.6FT(800mm)	12W	732lm					
WL-YLLIN3.3FT12WAPLVXXK	3.3FT(1000mm)	12W	732lm					
WL-YLLIN3.7FT12WAPLVXXK	3.7FT(1134mm)	12W	732lm					

Order Guide

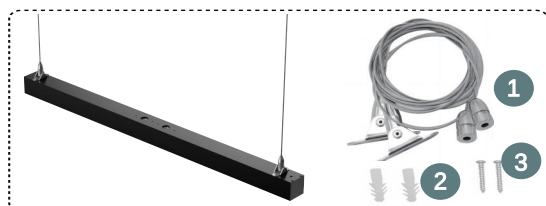
Sample Model#: Yacht Light-WL-YLSPO015IN3WAPLV27K

Yacht Light								
Luminaire ID	Series	Type	Length	Wattage	Series	Dimming	Power Voltage	CCT
Yacht Light	WL-YL= Winsdom Light's Yacht Light	SPO= Spotlight ADJ= Adjustable Spotlight LIN= Linear Light	015IN=1.5Inch 0.7FT =200mm 1.0FT =300mm 1.3FT =400 mm 1.6FT =500 mm 2.0FT =600 mm 2.6FT =800 mm 3.3FT =1000mm 3.7FT =1134mm	3W 12W	A=Single CCT	P = PWM dimming	LV=10-30V	XXK= 27K=2700K 30K=3000K 40K=4000K 50K=5000K

Accessories

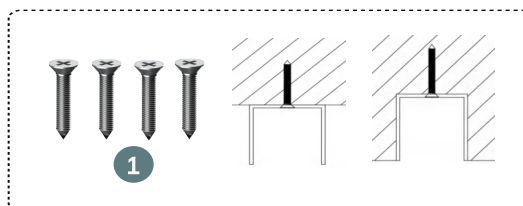
Mounting Accessories	Lighting Modules	
STB=Aircraft Cable Kits	HSY-F-SP==Spotlight	
RSK = Recessed Screw Kits	HSY-A-SP=Adjustable Spotlight	
	HSY-SL=Linear Light	

| STB-Aircraft Cable Kits



1	B Type Aircraft Cable	2PCS
2	Plastic Anchor	2PCS
3	Screw PA4*30	2PCS

| RSK = Recessed Screw Kits



1	Flat head cross tail screw M4x16	4PCS
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Product Specifications

Construction

- Precision cut housing extruded from 6063 aluminum
- Die-casting end-caps ensure a robust and clean construction

Light Engine

- Available Color Temperatures: 2700K/3000K/4000K/5000K(Single CCT)
- Standard CRI is Ra $\geq$ 90 (optional Ra > 80); standard SDCM is $\leq$ 5 (Single CCT)
- Power: Two single wattage options available: 3W and 12W

LED Drivers

- Traditional electronic drivers are available for DC10-30V
- Flicker free <5%, PFC>0.9

Controls and Integrated Sensors

- Equipped standard with a PWM dimming driver, compatible with most standard PWM dimming devices.

Lengths

- Available in 200mm/300mm/400mm/500mm/600mm/800mm/1000mm/1134mm length .
- Additional fixture lengths are available please consult factory.

Mounting

- Pendant , Recessed, Surface



Electrical

- Low voltage input (10-30V or 24-27V).
- PWM dimming provided as standard. Dimming wires are capped with wire nuts for non-dimming applications.

Environment

- Operating temperature range: -25° C to 40° C

Approvals

- CE certified, complying with EU safety standards.

Warranty

- Five years warranty as standard.

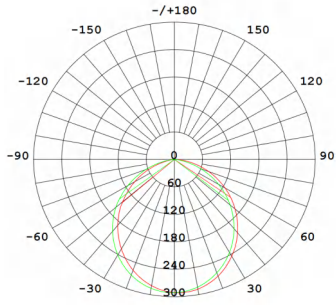
Yacht & Boat Light

Pendant, Recessed, Surface

WISDOM LIGHT

Spotlight-HSY-SL

Spotlight-HSY-SL/400mm/12W/RA90/3000K/
linear light



AVERAGE BEAM ANGLE(50%):105.3 DEG

NOMINALFLUX(lm):757.529,NOMINAL POWER(W):12W,lmax(cd):291.7,Efficay:61.09lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	287.8	286.1	283.4	282.2	280.3
20	271.4	268.2	263.8	261.4	257.8
30	244.1	240.2	234.6	231.1	226.0
40	209.3	204.3	197.7	193.7	187.9
50	168.7	162.6	155.0	151.2	144.2
60	124.3	115.6	108.3	103.5	97.75
70	77.80	67.89	59.47	56.83	50.81
80	32.13	24.85	14.81	15.92	9.912
90	0.6485	0.3558	0.2254	0.3540	0.0581
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

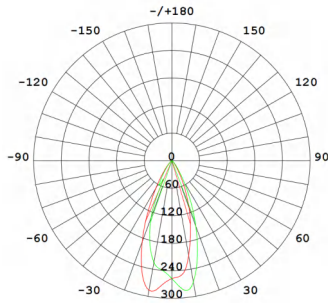
γ	φ zone	φ total
00-10	27.47	27.47
10-20	77.88	105.3
20-30	116.0	221.4
30-40	136.8	358.2
40-50	138.2	496.4
50-60	120.0	616.4
60-70	86.05	702.4
70-80	43.17	745.6
80-90	7.516	753.1
UNIT:lm/klm		

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	6998	381
80	8826	4060
75	10035	6611
70	10850	8274
65	11407	9440
60	11858	10310
55	12218	10953
50	12517	11473
45	12792	11907

Spotlight-HSY-F-SP

Spotlight-HSY-F-SP/1.5' /3W/RA90/3000K/Spotlight



AVERAGE BEAM ANGLE(50%):39.8 DEG

NOMINALFLUX(lm):149.912,NOMINAL POWER(W):3W,lmax(cd):302.5,Efficay:49lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	210.0	233.0	268.5	302.2	286.6
20	108.5	120.1	152.3	202.3	188.4
30	34.46	37.60	50.90	79.46	70.90
40	8.657	9.423	13.07	20.53	18.25
50	2.883	3.059	4.188	6.088	5.533
60	0.6027	0.6712	1.317	2.008	1.878
70	0	0	0.2397	0.2143	0.1862
80	0	0	0.1697	0.0000	0
90	0	0.0000	0.1638	0	0
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

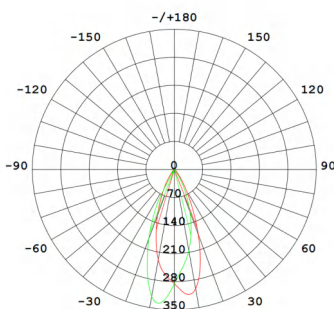
γ	φ zone	φ total
00-10	24.59	24.59
10-20	55.59	80.19
20-30	42.31	122.5
30-40	17.91	140.4
40-50	6.088	146.5
50-60	2.320	148.8
60-70	0.5511	149.4
70-80	0.0611	149.4
80-90	0.0387	149.5
UNIT:lm/klm		

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	0	630
80	0	323
75	0	219
70	0	232
65	113	373
60	411	870
55	970	1419
50	1531	2152
45	2379	3352

Spotlight-HSY-A-SP

Spotlight-HSY-A-SP/1.5' /3W/RA90/3000K/
Adjustable Spotlight



AVERAGE BEAM ANGLE(50%):36.5 DEG

NOMINALFLUX(lm):140.724,NOMINAL POWER(W):3W,lmax(cd):336.5,Efficay:49lm/W

Zonal Flux Diagram

γ	C0	C45	C90	C135	C180
10	302.2	243.6	206.2	204.0	229.2
20	172.5	131.3	112.6	113.4	122.0
30	55.96	44.12	35.09	41.43	44.10
40	15.07	9.528	0.2298	8.917	11.65
50	4.884	0.1052	0.1438	0.1240	3.903
60	1.603	0.0539	0.1126	0.0702	1.209
70	0.1008	0.0343	0.0910	0.0327	0.0522
80	0	0.0147	0.0552	0.0164	0.0025
90	0	0.0000	0.0384	0.0047	0
DEG	LUMINOUSINTENSITY:cd/klm				

Zonal Lumens

γ	φ zone	φ total
00-10	26.57	26.57
10-20	56.53	83.10
20-30	40.35	123.4
30-40	13.32	136.8
40-50	2.543	139.3
50-60	0.6429	139.9
60-70	0.1725	140.1
70-80	0.0291	140.1
80-90	0.0129	140.2
UNIT:lm/klm		

LUMINANCE cd/(m2)

G(DEG)	C0/180	C90/270
85	0	185
80	0	107
75	0	97
70	95	90
65	421	76
60	1033	76
55	1628	73
50	2449	75
45	3789	81