

HALED Pro.

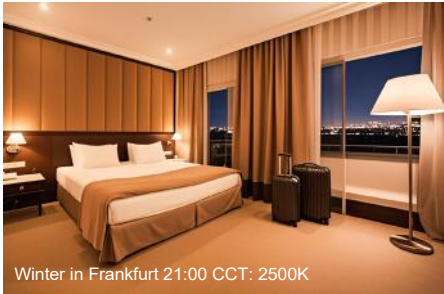
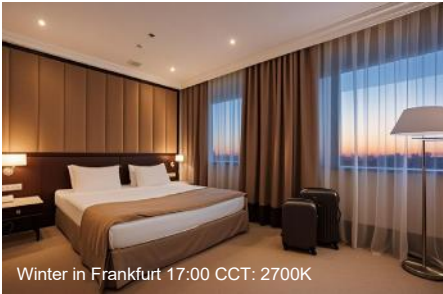
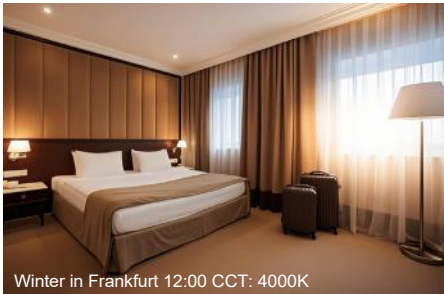
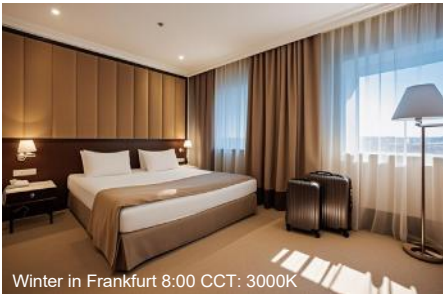


Human Centric & Smart & Healthy

CIVILLIGHT

Human Centric by SUNWHITE Technology

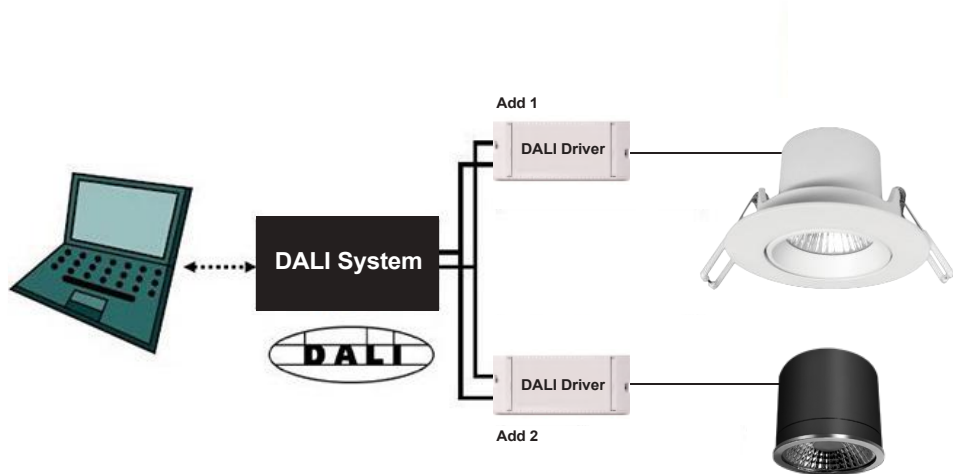
CCT can be changed according to different regions different times in a day of different seasons



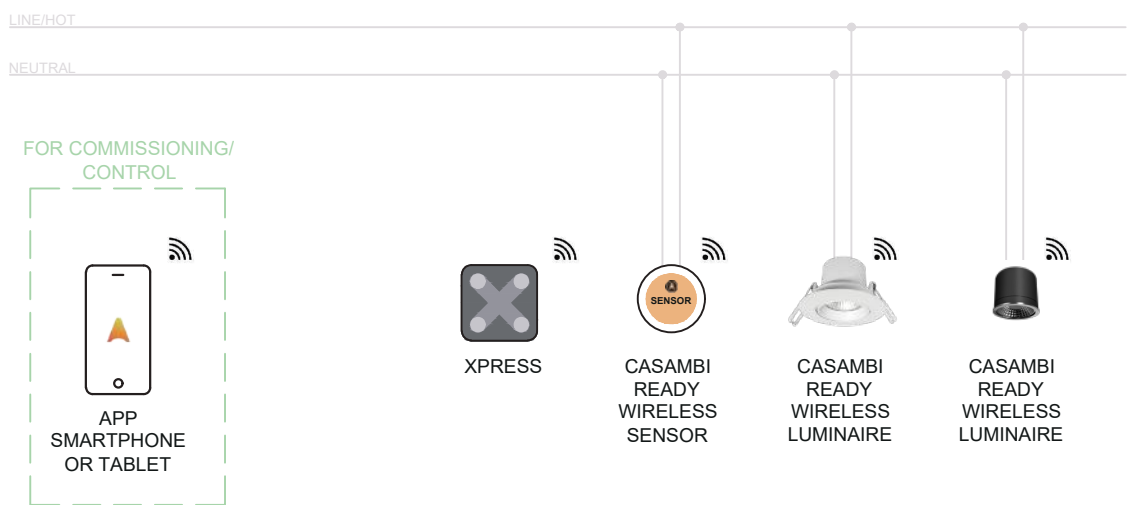
Smart by Dali2 /Casambi

Via DALI or Casambi, CCT & brightness can be precisely adjusted in line with individual preferences and ambient specific requirements.

DALI2 CONTROL

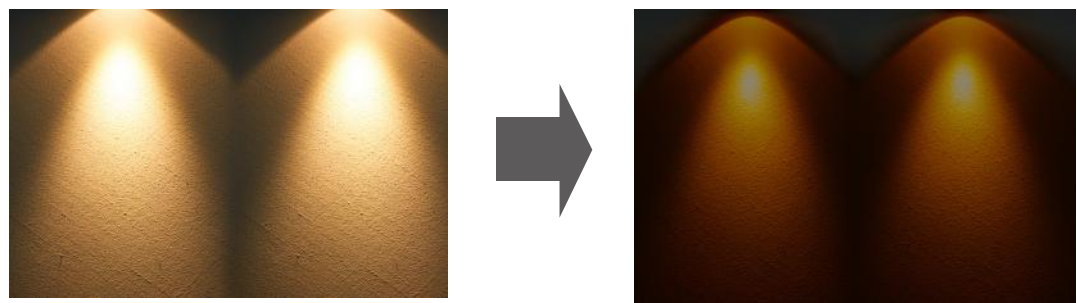


CASAMBI CONTROL



Dim to Warm by Dali / Triac

HALED Pro. light effect is similar to traditional halogen lamps'

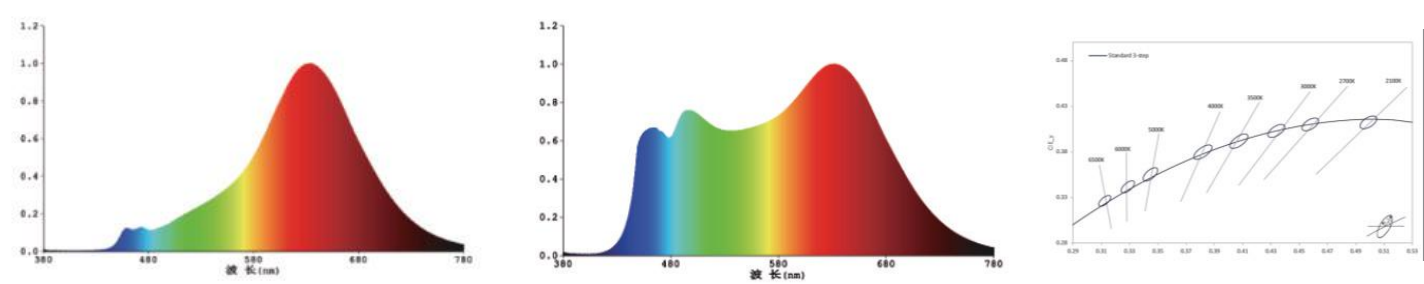


Compatible with both leading-edge and trailing-edge dimming

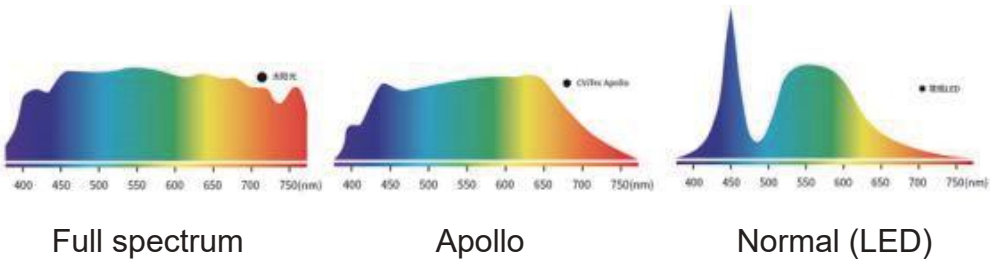
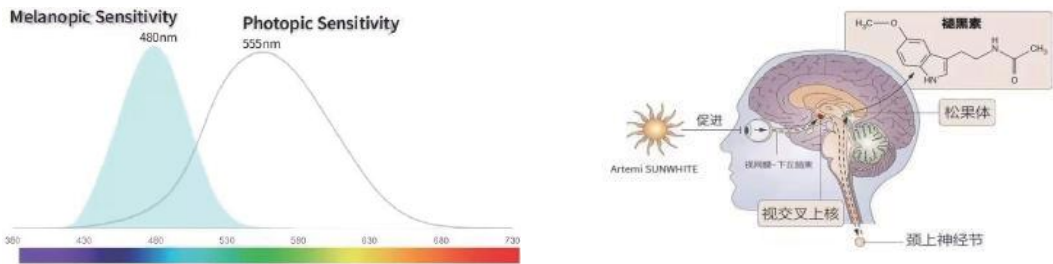
Healthy and High Quality Light

Full spectrum with full CCT & High quality light

Full spectrum, each CCT is all on the black line
CRI97 (Ra99), R9>97, Rf>97
Full CCT in one flex strip, from 2000K to 5000K CCT is all pure CCT
which is calculated and controlled by our controller with tunable white LEDs.

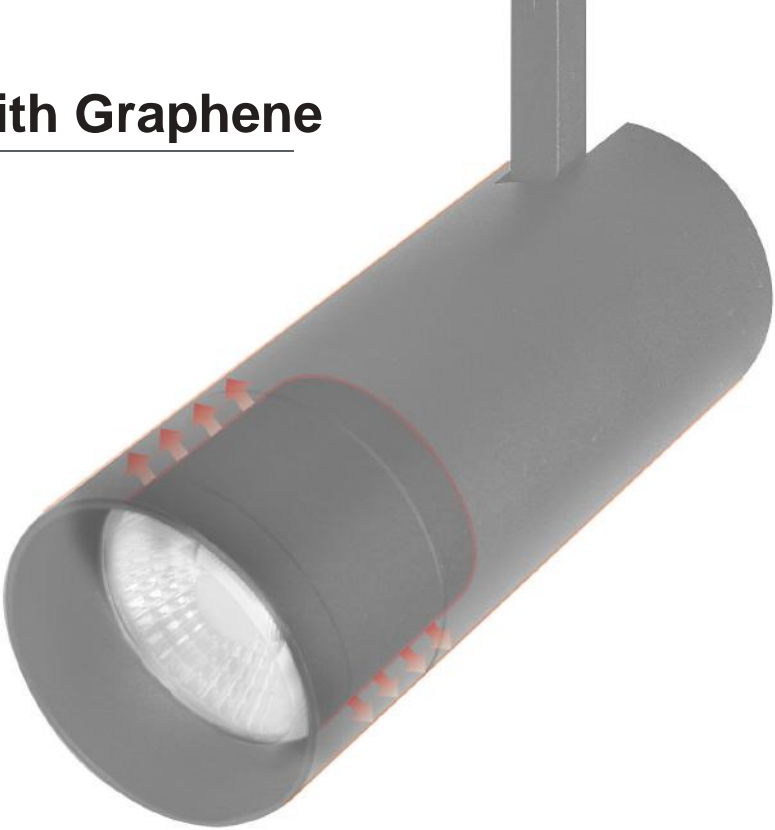


SUNWHITE & healthy light, Promote the melatonin growth
Low CCT as 1850K.
For working in the office & relaxing at home with healthy and comfortable environment.

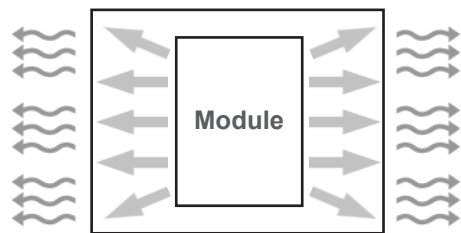


HALED Pro Module coated with Graphene

Suitable for use in enclosed luminaires.



Graphene's high thermal radiation efficiency makes it ideal for sealed environments

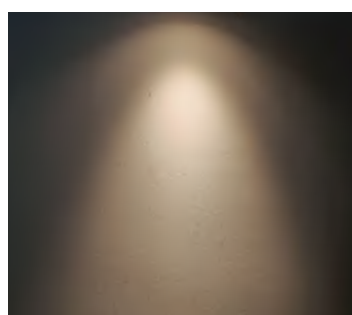


HALED Pro Luminaire Structure

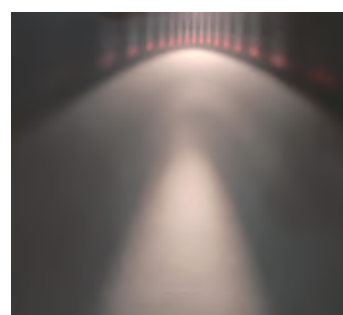
HALED optical design with patent, comfortable light like halogen



Sunwhite Controller or Casambi Controller inside



HALED Optics



Halogen Optics



HALED Pro HCL by SUNWHITE Technology

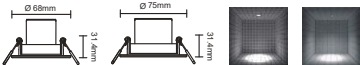


Matt White

Satin Nickel

Matt Black

CE RoHS ErP



Product	■ Downlight	Module(Only Black surface products can be placed in enclosed spaces)	
Wattage	■ 11W	10W	6W
Voltage	■ AC200-240V	AC200-240V	AC200-240V
Dimmable	■ DALI /Triac /Non Dimmable	DALI /Triac /Non Dimmable	DALI /Triac /Non Dimmable
CCT	■ 2000~4000K /2700~5000K	2000~4000K /2700~5000K	2000~4000K /2700~5000K
Lumens	■ 750lm	680lm	400lm
CRI	■ 97	97	97
Beam Angle	■ 24°/ 36°	24°/ 36°	24°/ 36°
Peak luminous intensity	■ 2000cd(24°)/ 1550cd(36°)	1800cd(24°)/ 1400cd(36°)	1050cd(24°)/ 850cd(36°)
Life Span	■ 40000hrs	40000hrs	40000hrs



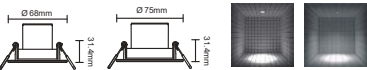
• Office environment

HALED Pro Smart
by CASAMBI /DALI



□ ■ ■
Matt White Satin Nickel Matt Black

CE RoHS ErP



Product	■ Downlight	Module(Only Black surface products can be placed in enclosed spaces)	
		10W	6W
Wattage	■ 11W	10W	6W
Voltage	■ AC200-240V	AC200-240V	AC200-240V
Dimmable	■ DALI /Triac /Non Dimmable	DALI /Triac /Non Dimmable	DALI /Triac /Non Dimmable
CCT	■ 2000~4000K /2700~5000K	2000~4000K /2700~5000K	2000~4000K /2700~5000K
Lumens	■ 750lm	680lm	400lm
CRI	■ 97	97	97
Beam Angle	■ 24°/ 36°	24°/ 36°	24°/ 36°
Peak luminous intensity	■ 2000cd(24°)/ 1550cd(36°)	1800cd(24°)/ 1400cd(36°)	1050cd(24°)/ 850cd(36°)
Life Span	■ 40000hrs	40000hrs	40000hrs

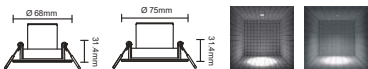


HALED Pro DTW
by DALI /Triac(outside driver)



□ ■ ■
Matt White Satin Nickel Matt Black

CE RoHS ErP



Product	■ Downlight	Module(Only Black surface products can be placed in enclosed spaces)	
Wattage	■ 11W	10W	6W
Voltage	■ AC200-240V	AC200-240V	AC200-240V
Dimmable	■ DALI /Triac	DALI /Triac	DALI /Triac
CCT	■ 2700~2100K	2700~2100K	2700~2100K
Lumens	■ 750lm	680lm	400lm
CRI	■ 97	97	97
Beam Angle	■ 24° / 36°	24° / 36°	24° / 36°
Peak luminous intensity	■ 2000cd(24°) / 1550cd(36°)	1800cd(24°) / 1400cd(36°)	1050cd(24°) / 850cd(36°)
Life Span	■ 40000hrs	40000hrs	40000hrs



HALED Pro DTW
by DALI /Triac(inside driver)

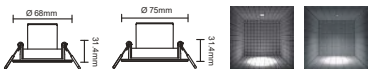


Matt White

Satin Nickel

Matt Black

CE RoHS ErP



Product	■ Downlight	Module(Only Black surface products can be placed in enclosed spaces)	
Wattage	■ 10W	9W	6W
Voltage	■ AC200-240V	AC200-240V	AC200-240V
Dimmable	■ DALI /Triac	DALI /Triac	DALI /Triac
CCT	■ 2700~2100K	2700~2100K	2700~2100K
Lumens	■ 680lm	610lm	400lm
CRI	■ 97	97	97
Beam Angle	■ 24°/ 36°	24°/ 36°	24°/ 36°
Peak luminous intensity	■ 1800cd(24°)/ 1400cd(36°)	1620cd(24°)/ 1260cd(36°)	1050cd(24°)/ 850cd(36°)
Life Span	■ 40000hrs	40000hrs	40000hrs

CIVILIGHT

www.civilight.de

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