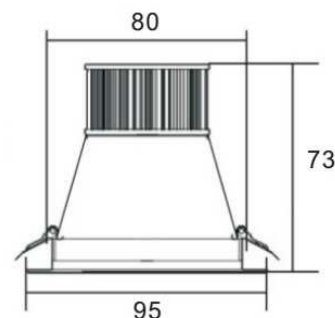
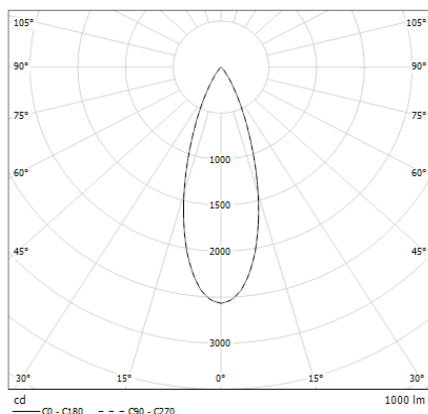
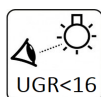


GLARE FREE DOWNLIGHTS
ALPHA-T10 1000LM 940 FS 38DEG WH IP20
RECESSED DOWNLIGHTS
DOWNLIGHTS PRO
49241


Optional chip brand


PRODUCT FEATURES:

- ALPHA-T is a Smartlux energy efficient smart led professional downlight series which is designed to replace old conventional metal halide and compact fluorescent downlights.
- Tiny size version for ceiling recess mount by the means of 2 stainless steel mounting brackets for firm installation to 3-15mm ceiling thickness. Outer diameter of 95mm with ceiling aperture of 80mm.
- Body & Trim in die-cast aluminium powder coated in RAL finishes.
- Passive cooling system with pure aluminium heatsink powder coated ensuring the heat management system inside the luminaire maintaining the led source temperature and optimum performance for longer life with lowest depreciation of the luminous flux.
- Aluminium anodized reflector Glare-free design, perfect light spot with precise cast with UGR between 13-16 Glare-free design, perfect spotlighting and precise cast suitable for comfortable soft lighting atmosphere for residential & hospitality and also at workplaces with 40° cut-off angle preventing glare issues in computer labs, schools, offices. 38° beam angle as standards, options of 15°/24°/36°/60° on request.
- Designed with two types of dark light reflectors, Sandblasted as standards and bright silver mirror-finish as option.
- Premium high efficiency COB LED with CRI>90, high luminous with 2 Step Macadam's to ensure SDCM<3, options of Citizen or Cree LED.
- High power factor led driver non-dimmable 220-240V, 50/60 Hz with PF<0.95 as standard.
- Other dimming protocols Triac, 1-10V, DALI are also available upon request.
- ALPHA-T10 is built to with high efficacy of 100lm/w (fixture's real lumen) as standard from 8W up to 12W. Upgradable up to 120lm/w.
- Median useful life L70B50 - 101000 h, L80B50 - 68000 h, L90B50 - 31000 h @ 25°C.
- 5 Year warranty.

GLARE FREE DOWNLIGHTS
ALPHA-T10 1000LM 940 FS 38DEG WH IP20
RECESSED DOWNLIGHTS
DOWNLIGHTS PRO
49241

Optional chip brand


PRODUCT OVERVIEW

Ordering Code	49241
Product Name	ALPHA-T10 1000LM 940 FS 38DEG WH IP20
Technology	CoB LED - Zhaga-compliant
Housing	Aluminium extrusion powder coated
Reflector	High purity anodized aluminium, glare-free (UGR<13-17), 38° BA
Trim	Die-cast aluminium in powder coated in white RAL
General Application	Offices, Schools, Work places with computers, Hospitals, Hotels
Certification	EU, CE, TUV, RoHS
Leds	Built-in Citizen CoB
Fixture Luminous Flux (lm)	1000
Luminaire Efficacy (lm/W)	100
Colour Temperature (K)	4000
Light Colour	Neutral White
CRI (Ra)	>90
Colour Variation Initial (SDCM)	<3
Photobiological Risk Group	RG0
Total Power Consumption (W)	10
Main Voltage (V)	240V, 50/60HZ
Electrical Protection	Class I or II
Dimmable	Non dimmable as standard, Dimming options protocols are available upon request
Colour	Standard: white front ring RAL 9016. Other RAL colours are also available upon request
IP rating	IP23
IK rating	02
Included Lamp	Integrated LED
Diffuser	No diffuser / Open reflector
Driver	HF Electronic on/off non-dim with high power factor correction PFC > 0.95
Operating Temperature °C	-20 to +45
Housing	Die-Cast aluminium powder coted
Mount	Ceiling recessed with the means of 2 Stainlesssteel mounting brackets
Glow wire test ©	650°C
LOR (%)	100%
Average life (Normal) h	L70B50 - 101000 h, L80B50 - 68000 h, L90B50 - 31000 h @ 25°C.
Warranty	5 Years

ADDITIONAL OPTIONS


Anti Glare design



Various decorative reflector available



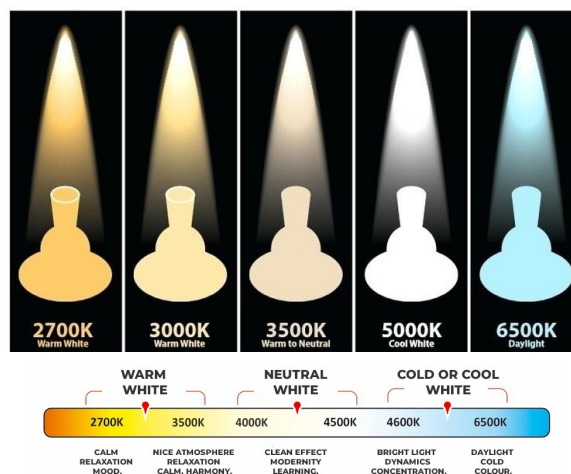
Smart system available



Turnable CCT function available



Product serialization with various size and wattage



Images, line drawings and measurements illustrated may, in some cases be approximate and for guidance only. Colour finishes will be maintained as accurately as possible but matching cannot be guaranteed.

SmartLux Lighting are continually developing and improving its products. Technical specifications subject to change without prior notice.

SmartLux Lighting (Trading as a division of SmartLux Electric & Lighting Technology Ltd.)

Page 2/2

E info@smartlux.co
 W www.smartlux.co
 Certification BS EN ISO 9001:2008