

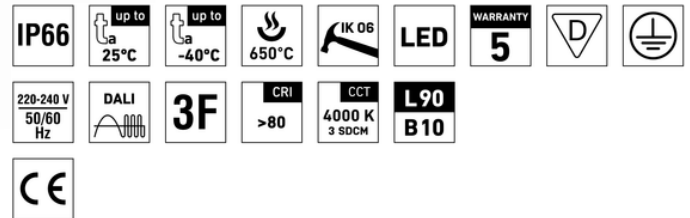
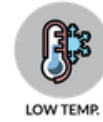


Hazardous
Lighting Solutions LTD



FROST PLUS

For cold stores & freezing facilities with temperatures down to -40°C



MECHANICAL FEATURES

Housing: Dark grey ABS (RAL7001), UV stable

Diffuser: Translucent acrylate

Ingress protection: IP66

Impact strength: IK10

Mounting: Stainless hooks and brackets

ELECTRICAL FEATURES

Electric equipment: LED modules, current driver

Cable glands: Screwed PG 13.5

Wiring: Through wiring of up to 10 wires at body

Certification: CE

Electrical equipment: LED modules, current driver

WORK PARAMETERS

Ambient Temperatures: -40°C to +25°C

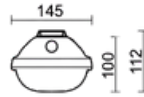
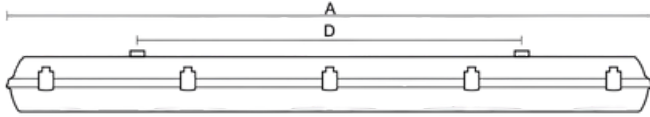
Lifetime: 50.000h L90 B10

PHOTOMETRICAL PARAMETERS

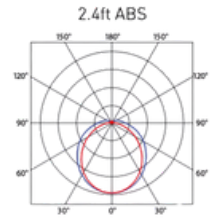
CRI: >80

Colour temperature: 4000K; or 3000K, 5000K, 6500K (optional)

TYPES COMPARISON



UGR EVALUATED FOR	
X = 4 H, Y = 8 H	S = 0.25 H
Reflectivity	70/50/20



Type	Min. ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	UGR Longitudinal / transverse	Net weight [kg]	A [mm]	D [mm]
FROST PLUS 2.4ft 6400/840	-40	6520	5740	38.4	149	24.4 / 22.2	2.25	1172	700
FROST PLUS 2.4ft 8800/840	-40	8980	7900	52.8	150	25.5 / 23.3	2.25	1172	700
FROST PLUS 2.5ft 8000/840	-40	8330	7330	48.3	152	24.5 / 22.4	2.75	1452	940
FROST PLUS 2.5ft 11000/840	-40	11260	9910	64.7	153	25.5 / 23.4	2.75	1452	940

FROST PLUS

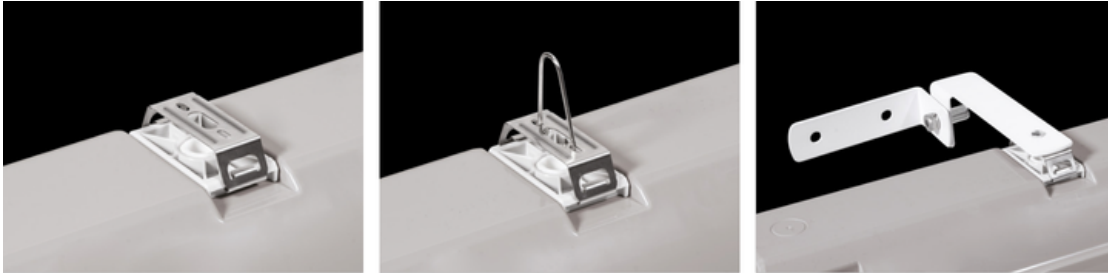
Type	3F
FROST PLUS 2.4ft 6400/840	103129
FROST PLUS 2.4ft 8800/840	103130
FROST PLUS 2.5ft 8000/840	103132
FROST PLUS 2.5ft 11000/840	103133

LEGEND

3F - 3-phase 5 core through-wiring in the luminaire

LIGHT FITTING ATTACHMENT

- a) Directly to a ceiling or a wall with the use of screws and stainless brackets
- b) Suspension with the use of stainless hooks
- c) Attachment with the use of side hangers to the wall - is not included in accessories



LIGHT FITTING DETAILED VIEW

