

# MIDDLE EAST Ta 55



... for high temperature.

## USE

The light fitting is suitable for industrial indoor and outdoor roofed spaces, warehouses, sports areas, workshops, garages, transport terminals, utility structures and laboratories without a danger of explosion of gas, dust and combustible fumes.

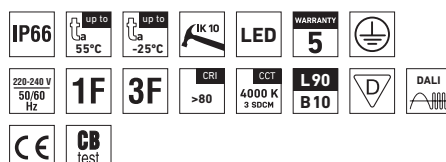
The light fitting is resistant to dust, moisture and spouting water. The body and the diffuser made of polycarbonate (PC) have the increased resistance against deformation and impact.

It is necessary to consider exhalation in the air which can reduce the usability of the plastic at installations in an aggressive environment.

## ADVANTAGES

- Light fitting protection **IP66**
- Maximum ambient temperature up to **ta = 55 °C**
- Lifetime: 50,000 hours / L90B10
- ABS - on request
- Diffuser: translucent polycarbonate (PC) = high mechanical resistance
- Body: grey polycarbonate (PC) = high mechanical resistance
- Up to 45 % lower electricity consumption when compared to tubes T5
- Constant luminous flux even in ambient temperature of -25 °C

- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K
- Through-wiring of up to 7 wires at bodies of 1.4ft and 1.5ft type light fittings

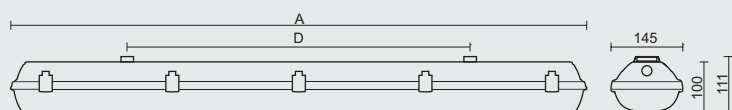


## MIDDLE EAST Ta 55 PC, PCc

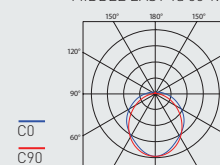


## TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Maximum ambient temperature:  $t_a = 55^\circ\text{C}$
- Maximum system efficacy: 141 lm/W
- The watt and lumen values can vary by  $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC), UV stable, impact-resistant
- Body: grey polycarbonate (PC), UV stable, impact-resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13.5
- Distance part: polyamide + 10 % glass fibre
- Terminal block: screwless, three-pole (basic version)
- Installation: package contains stainless hooks and stainless brackets
- Electric equipment: LED modules, current driver, DALI driver.



MIDDLE EAST Ta 55 1.4ft



Type	Max. 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]
For ambient temperature $t_a = 55^\circ\text{C}$ - body: grey polycarbonate - diffuser: translucent polycarbonate									
MIDDLE EAST Ta 55 1.2ft PC 2200/840	55	2360	2220	15,7	141	22.8 / 20.8	1,3	612	475
MIDDLE EAST Ta 55 1.2ft PC 3200/840	55	3350	3150	22,8	138	24.1 / 22.0	1,3	612	475
MIDDLE EAST Ta 55 1.4ft PC 4400/840	55	4720	4440	31,4	141	23.1 / 21.2	1,9	1172	700
MIDDLE EAST Ta 55 1.4ft PC 6400/840	55	6580	6190	43,8	141	24.2 / 22.4	1,9	1172	700
MIDDLE EAST Ta 55 1.5ft PC 5500/840	55	5740	5400	38,3	141	22.9 / 21.2	2,3	1452	940
MIDDLE EAST Ta 55 1.5ft PC 8000/840	55	8030	7550	54,3	139	24.1 / 22.3	2,3	1452	940

## MIDDLE EAST Ta 55 PC

Code	Type
51510	MIDDLE EAST Ta 55 1.2ft PC 2200/840
51515	MIDDLE EAST Ta 55 1.2ft PC 3200/840
51520	MIDDLE EAST Ta 55 1.4ft PC 4400/840
51525	MIDDLE EAST Ta 55 1.4ft PC 6400/840
51530	MIDDLE EAST Ta 55 1.5ft PC 5500/840
51535	MIDDLE EAST Ta 55 1.5ft PC 8000/840

plastic clips

1F	3F	DALI
x	x	
x	x	51524
51521	51522	51523
51526	51527	51533
51531	51532	51528
51536	51537	51538

## MIDDLE EAST Ta 55 PCc

Code	Type
51540	MIDDLE EAST Ta 55 1.2ft PCc 2200/840
51545	MIDDLE EAST Ta 55 1.2ft PCc 3200/840
51550	MIDDLE EAST Ta 55 1.4ft PCc 4400/840
51555	MIDDLE EAST Ta 55 1.4ft PCc 6400/840
51560	MIDDLE EAST Ta 55 1.5ft PCc 5500/840
51565	MIDDLE EAST Ta 55 1.5ft PCc 8000/840

stainless clips (c)

1F	3F	DALI
x	x	
x	x	51529
51551	51552	51553
51556	51557	51563
51561	51562	51558
51566	51567	51568

Example of type marking: 51567 = MIDDLE EAST Ta 55 1.5ft PCc 8000/840 3F

## LEGEND

- 1F – 1 phase wiring cables for through-wiring  
 3F – 3 phase wiring cables for through-wiring  
 DALI – version with digital dimmable driver DALI

### 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

MIDDLE EAST Ta 55





