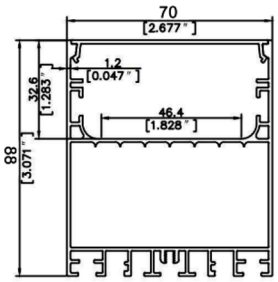
pluxb

IP40

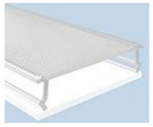
BAR 70



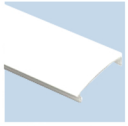
Optics Diffuser :

PMMA Matt Diffuser

Prismatic Lens



Prismatic Lens
+ PMMA Sheet



Opal Diffuser

Features:

BAR 70 Linear / Curved / Customized Extruded Aluminum Profile with highest standard 6063-T6 aluminum, deep anodizing (more than 12µm) that protects against corrosion and extends durability, Matt surface treatment.
PMMA Matt Diffuser / Micro Prismatic Lens / Prism Lens + Optics Diffusion sheet, all diffusers and lens are UV stabilized, no inclusions or scratches on the surface.
It is equipped with rigid MCPCB and push-in connectors.
For enhanced customization, various CRI (Color Rendering Index) and CCT (Correlated Color Temperature) options are available upon request, allowing designers to create the perfect lighting atmosphere.
Continues Seamless diffuser up to 30mm length.
Product has the structure and appearance Ensures UGR<19.
24V/48VDC Power Supply for RGB, RGB DMX, RGBW, and RGBW DMX.
Standard Length with Zagha Linear Modules 563 mm / 846 mm/ 1126 mm/ 1406mm / 1963mm / 2036mm / 2526mm / 3086mm / 3573mm, tailored length can be manufactured as per design.
Homogenous, well-balanced light dispersing with no shadow.

Technical Specifications:

Input Voltage: 220- 240V AC, 50/60 Hz.
Wattage /M: 20-60W
Efficacy: 110lm/w
Material: 6063 T6 Aluminum
Diffuser : PMMA
DMX Pixels : 12 Pixels/M
LED: 84LED /14IC(per 980mm)
IC: PHT16794
2/3 STEP Mac Adam
High Efficiency, Low Flicker Driver
Driver Brand: OSRAM / VS / LumiLEDs
Lamp Type: SMD Chips Module
Lamp Brand: OSRAM / CREE
Operating Temperature: -20°C to 45°C
Glow Wire Test 960° C
Warranty: 5 Years
Life Time : 100,000hrs at ta 25˚C
(L80/B10)

Fields of Application:

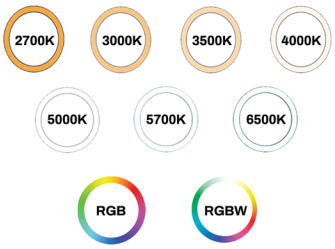
Retail
Education
Galleries hotels
Living spaces

Installation Method:

Surface Mounted / Suspended.

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at ±5%. Unless stated otherwise, the values apply to an ambient temperature of 25°C

Color Temperature :



Wattage(W)	:	20	22	23	25	30	60		
Finish	:	White(W)	Black(B)	Silver(S)					
Kelvin*	:	2700K RGBW	3000K	3500K	4000K	5000K	5700K	6500K	RGB
Beam Angle	:	120°							
CRI	:	80+	90+						
Driver	:	ON/OFF	0/1-10V	DALI	Phase Dimming	Bluetooth			

*Special Color and Finish on request

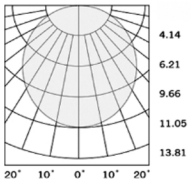
Product Code (964708860):

Wattage	Lumens(lm)	Dimension(W XH) mm
20	2200 LM	70x88
22	2420 LM	70x88
23	2530 LM	70x88
25	2750 LM	70x88
30	3300 LM	70x88
60	6600LM	70x88

*Luminous flux value is calculated for 4000K CRI>90

* Length and Wattage can be customized as per design

Photometric:



Standards
EN 60598-1
EN 60598-2-2
EN 60598-2-22
EN 60598-3-2
EN 60598-3-3

Order Code Ex: 964708860 27K 120D 8 1 W

CCT	Beam Angle	CRI	Driver	Finish
27K - 2700K	120D - 120°	8->80	1 - ON/OFF	W-White
30K - 3000K		9->90	2 - 0/1-10V	B-Black
35K - 3500K			3 - DALI	S-Silver
40K - 4000K			4 - Phase Dimming	
50K - 5000K			5 - Bluetooth	
57K - 5700K				
65K - 6500K				
RGK - RGB				
RGK - RGBW				

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