co:lab

Project
Type:
Model:

Skyblue-1230

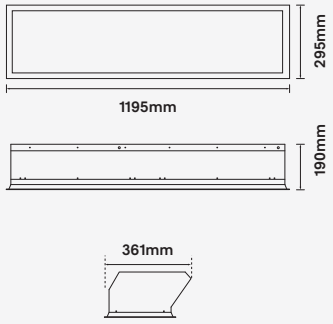
70W Recessed T-Bar Skylight

WATTAGE **70W** | **295 x 1195** | IK **04** | IP **20** | DALI | CE | WARRANTY **5YR**

3-Step | **60° x 130°** | UGR **<15** | CRI (Ra) **>90** | **Recessed**

Luminaire Finishes

☐ White (WH) ■ Black (BK)



T-Bar ceiling mount; Width 295 x Length 1195mm

Skyblue is a new recessed LED panel from CoLab that looks and acts like a functioning skylight, recreating the look and feel of natural light in an interior space.
It is available in two versions, either a tunable white or a fixed CCT (6500K) version.

The tunable white version has the ability to recreate the appearance of natural light over the course of a day or tune light to a specific colour temperature, while the fixed CCT (6500K) version gives off the appearance of a clear blue sky.

Recreating the appearance of natural light over the course of a day provides the benefits associated with circadian lighting. This allows our bodies to better synchronise with our circadian rhythms (the natural bodily functions that occur over 24 hours), helping us sleep better at night while being more alert during the day.

- Luminaire wattage: 70W (System 80W)
- Luminous flux: 4800Lm[2]
- Luminaire efficacy: 60Lm/W[1]
- Correlated colour temperaure: 6500K, 2700-6500K
- Colour rendering index: >90[3]
- Mac-Adams Ellipse: 3-SDCM
- LED brand/type: Everbright SMD2835
- Glare control: UGR<15
- Asymmetrical distribution: 60° x 130°
- Outer trim: 295 x 1195mm
- Ingress protection rating: IP20
- Impact protection: IK04
- Luminaire finishes: White, Black
- Longevity: >100,000hrs L70 B30, >80.000hrs L80 B10, >50,000hrs L90 B10
- Driver: Non-Dimmable (Fixed CCT); Tuya BLE (CCT adjustable)[4]
- Dimming: (6500K) DALI-2 dimming, BLE (basicDIM Wireless / Casambi) on request[4], (TW) DALI DT8, BLE (basicDIM Wireless / Casambi) on request[4]
- Weight: 5.8Kg (excluding driver)
- Warranty: 5 years[5]

Model	LED Output[2]	Luminous Flux[2]	LED Wattage	System Wattage	CCT	CRI[3]	Distribution
SKYBLUE-1230-70W-65K-ASY	6000Lm	4800Lm	70W	80W	6500K	>90	60° x 130°
SKYBLUE-1230-70W-TW-ASY	6000Lm	4800Lm	70W	90W	2700-6500K	>90	60° x 130°

Fixed CCT (6500K)
For Non-dimming add suffix ND
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

Adjustable CCT (2700~6500K)
For BLUETOOTH dimming add suffix TY (standard)
For DALI-DT8 dimming add suffix DT8
For BLUETOOTH dimming add suffix BT

Example product order code configuration: SKYBLUE-1230-70W-TW-ASY-DT8-(WH)

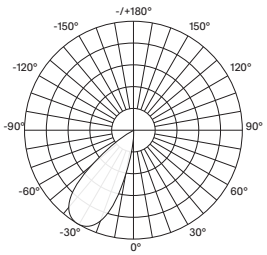
Model		Wattage		CCT		Distribution		Driver		Luminaire Finish
SKYBLUE-1230	+	70W	+	TW	+	ASY	+	DT8	+	WH

Accessories

PK1230
Plaster frame kit (White)
Outer: W330 x L1230mm
Cutout: W300 x L1200mm

Light Distribution

SKYBLUE-1230-70W-65K

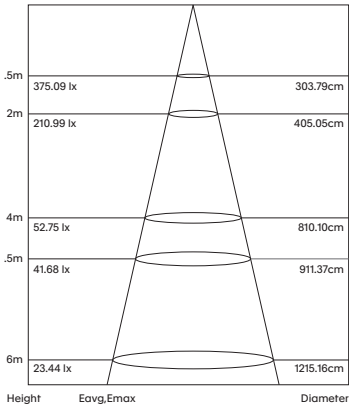


AVERAGE BEAM ANGLE (50%): 59.9 DEG

Utilisation Factors

Room Reflectance			Room Index								
Ceiling	Walls	Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
70	50	20	49	61	70	76	85	90	94	99	102

Cone Diagram



1 Luminaire efficacy based on CCT 6500K; CCT variation will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index: >90 Standard (Everbright SMD Series)
4 Tunable white 2700-6500K utilises Tuya WiFi, BLE connectivity as standard
5 Five year manufacturer's warranty covering product defects and performance deficiencies