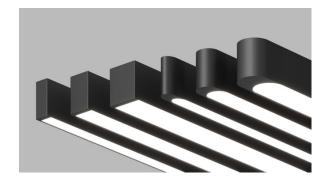


BLOCK™ **FULL SPECIFICATION SHEET**



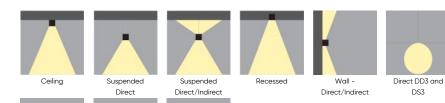
| Fixture Type | Fixture Code | Quantities |
|--------------|--------------|------------|

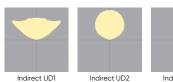
DESCRIPTION

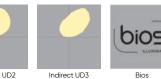
BLOCK stands as an unwavering workhorse among linear systems, delivering versatile performance to meet the specific aesthetic and functional needs of any project. Available in three aperture sizes (1.5", 2.5", and 3.5"), BLOCK allows designers to tailor lighting to suit any space. The choice of end caps in either sleek flat or elegant curved enhances the luminaire aesthetics, while the seamless rollout diffuser ensures uniform, shadow-free illumination. With precision light distributions – Diffused, Widespread, Batwing, and Asymmetric – and eight lumen packages ranging from 200 LM/FT to 1600 LM/FT, BLOCK offers powerful, energy-efficient lighting with luminous efficacy up to 152 LPW. By integrating BIOS technology, the series supports circadian regulation, enhancing the overall environment to promote health and well-being. Embodying precision, BLOCK fulfills its specification promises with finesse, making it an unequivocal choice for those seeking adaptability across a spectrum of performance criteria and budget considerations.

DS3

OPTICS & FEATURES















APPROVALS















4 GENERAL SPECIFICATION

BODY

Aluminum.

SUSPENSION

Steel cables.

DRIVERS

HPF electronic drivers for 120-277V, 347 (EU-240V). The driver is integral to the fixture housing.

BIOS

For circadian lighting, consult factory.

TUNABLE WHITE

Tunable White range from 2700K to 6500K is available; contact the factory for details.

DELIVERED LUMENS

Delivered lumens & LPW based on 4000K CRI 80+

FIXTURE LENGTHS

Available in 1" increments. Contact the factory for details.

ESTIMATED L70 @25°C (77°F)

> 165,000 hrs @ 2000 lumens/ft (6000 lumens/m)

INTEGRAL EMERGENCY SYSTEM

Emergency option provides a 1.5 hour (3 hours for EU) emergency lighting facility. The self contained system includes the inverter module, NiCad batteries, LED charge indicator and test switch (NA only). Not available with a 347V supply.

APPROVALS

Damp Rated.

FINISH

Powder coated.

POWER CABLE

Silver braided.

POE

Can be integrated into your data network via Power over Ethernet (PoE) connectivity.

JUNCTIONS

X and T junctions available, consult factory.

RGBW

RGBW available, consult factory.

MECHANICAL

Luminaires mount directly over J box (by others).

REPORTED L70 @25°C (77°F)

> 60,000 hrs @ 2000 lumens/ft (6000 lumens/m)

LENS

Opal acrylic lens in 2 versions: roll-out or snap-in. The snap-in version is provided with standalone luminaires, while the roll-out lens is designed for continuous systems. When an order includes both standalone and continuous units, the roll-out lens will be provided for all.

SENSORS

Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

DESIGN

US Design Patent Pending.

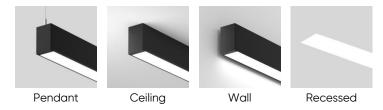


SEISMIC BRACING

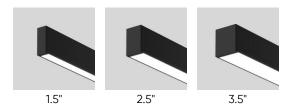
Seismic bracing kits are available to meet compliance requirements. Consult the factory for details.

5 DESIGN OPTIONS

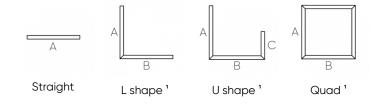
LUMINAIRE



APERTURE

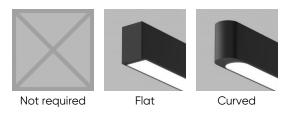


RUN TYPE



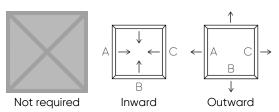
¹ Consult factory if L shape, U shape, or Quad is required with Wall mount. X and T junctions available, consult factory.* There is one power cable for a max overall length is 50ft, beyond that extra power cables are required. Consult factory.

END CAP PROFILE





ASYMMETRIC DIRECTION



¹ Available up to 1200 lm/ft. The asymmetric distribution will be directed away from the wall.

FIXTURE FINISH



¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.



CANOPY FINISH



HOW TO ORDER

1. LUMINAIRE TYPE

BLKP Pendant BLKC Ceiling BLKW Wall BLKR Recessed

2. DIRECTION

DT1 Direct DT2 Direct/Indirect DT3 Indirect

One power cord for every 50 linear ft.

3. APERTURE

PW01 1.5" PW02 2.5" PW03 3.5"

4. RUN TYPE

TR01 Straight TR02 L shape 1 TR03 U shape 1 TR04 Quad 1

¹ Consult factory if L shape, U shape, or Quad is required with Wall mount. X and T junctions available, consult factory.* There is one power cable for a max overall length is 50ft, beyond that extra power cables are required. Consult factory.



5. LENGTH - A

The minimum length to order is 2ft and orders are to be in 2ft increments.

Examples:

4ft = SFA0400

10ft = SFA1000

50ft = SFA5000

SFA____

The minimum length to order is 2ft and orders are to be in 2ft increments.

Examples:

4ft = SFA0400

10ft = SFA1000

50ft = SFA5000

6. LENGTH - B

The minimum length to order is 2ft and orders are to be in 2ft increments.

Examples:

4ft = SFB0400

10ft = SFB1000

50ft = SFB5000

SFB____

The minimum length to order is 2ft and orders are to be in 2ft increments.

Examples:

4ft = SFB0400

10ft = SFB1000

50ft = SFB5000

7. LENGTH - C

The minimum length to order is 2ft and orders are to be in 2ft increments.

Examples:

4ft = SFC0400

10ft = SFC1000

50ft = SFC5000

SFC____

The minimum length to order is 2ft and orders are to be in 2ft increments.

Examples:

4ft = SFC0400

10ft = SFC1000

50ft = SFC5000



8. MAX LENGTH PER SECTION

SL02 2ft 1 **SL04** 4ft **SL06** 6ft **SL08** 8ft

SL10 10ft **SL12** 12ft

You can select the preferred maximum length per segment, to account for transportation and building constraints. Example: If a 40ft run is required and SL12 (12ft) is selected, we would provide 4 10ft segments. For special requirements, please contact sales@betacalco.com.

9. END CAP PROFILE

EP00 Not required EP01 Flat EP02 Curved

10. LM/FT (DIRECT)

 LPF000 Not required
 LPF020 200 lm/ft
 LPF040 400 lm/ft
 LPF060 600 lm/ft

 LPF080 800 lm/ft
 LPF100 1000 lm/ft
 LPF120 1200 lm/ft
 LPF140 1400 lm/ft

11. LM/FT (INDIRECT)

 LPG000 Not required
 LPG020 200 lm/ft
 LPG040 400 lm/ft
 LPG060 600 lm/ft

 LPG080 800 lm/ft
 LPG100 1000 lm/ft
 LPG120 1200 lm/ft
 LPG140 1400 lm/ft

LPG165 1650 lm/ft ¹

12. CRI

CR80 CRI 80+ CR90 CRI 90+

13. CCT DIRECT

CTA00 Not required **CTA27** 2700K **CTA30** 3000K **CTA35** 3500K

CTA40 4000K CTA60 Tunable White ¹

¹ The dimming curves on the 2ft section length (SLO2) will differ from the other sizes.

¹ Not available with 1.5" aperture.

¹ Available with UD1 (clear diffuser) only.

¹ Consult factory.

^{*} RGBW available, consult factory.



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|-----|--------|-------------|-----|---|---|----------|
| 14. | LL | I IN | וטו | ĸ | а | O I |

| CTB00 Not required | CTB27 2700K | CTB30 3000K | CTB35 3500K |
|--------------------|--------------------|--------------------|--------------------|
|--------------------|--------------------|--------------------|--------------------|

CTB40 4000K CTB60 Tunable White ¹

15. DIRECT LENS

DD0 Not required **DD3** Diffused **DS3** Diffused - Seamless ¹

Fixed Length available upon request.

16. INDIRECT LENS

UD0 Not required UD1 Batwing UD2 Diffused UD3 Asymmetric ¹

17. ASYMMETRIC DIRECTION

ASD0 Not required ASD1 Inward ASD2 Outward

18. BLACKOUT PLATE

UB00 Not required **UB__** Blackout plate ¹

19. VOLTAGE

V1 120/277V **V2** 240V ¹ **V3** 347V ² **V4** Low Voltage ³

¹ Consult factory.

^{*} RGBW available, consult factory.

¹ Available with straight run type (TR01) only. Seamless diffusers available up to 32ft. Longer fixtures will have at least one seam.

¹ Available up to 1200 lm/ft. For straight run type (TR01), when standing at the end view of the profile on the side where the power cord is installed, the asymmetric beam will aim to the right.

¹ Available up to 1200 lm/ft. The asymmetric distribution will be directed away from the wall.

¹ Available on a per foot basis. May be required to prevent lighting up of duct work in loft type applications.

¹ Not available in North America.

² Only available with DA01 dimming.

³ Only available with DA45 dimming.



20. DIMMING

DA01 0-10V Dimming 1.0% **DA02** 0-10V Dimming 0.1% ¹ **DA20** DALI Dimming 0.1% ¹ **DA21** DALI Dimming 1.0% ¹

DA30 DSI/switchDim ² DA45 PoE ³

21. CEILING TYPE

G0 Not required G1 Grid ceiling ¹ H1 Hard ceiling ²

The cost for the canopies, power cables, connections mechanisms and endcaps for the fixture has been added to these items.

22. CEILING TRIM

RT0 Not required RT1 Tegular T-bar 12 RT2 Lay-In T-Bar 1 RT3 Trimless 14

RT4 Trim 14

23. SUSPENSION

HLA00 Not required HLA03 3ft cable suspension HLA06 6ft cable suspension HLA09 9ft cable suspension

¹ Not available with V3.

² Not available in North America.

³ Only available with V4.

¹ Combo kit provided includes installation to T-bar and through tile mount.

² Designed for drywall ceilings.

¹ For Recessed luminaires only.

² Fixture designed to fit into a 9/16" or 15/16" standard tegular grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

³ Fixture designed to fit into a 9/16" or 15/16" standard grid T-bar and through tile mount. Dimensions are nominal for grid ceiling fixtures. All fixture metalwork is white.

⁴ Fixture designed for drywall ceilings. All fixture metalwork can be either white or black.

^{*} Note: Special order available on lengths over 13ft and may be subject to longer lead times, consult factory.



24. FIXTURE FINISH

FA01 White - Textured FA25 Gold Metallic - Textured FA25 Gold Meta

FA27 Wood grain - Light Cherry ¹ FA28 Wood grain - Dark Walnut ¹FA30 Wood grain - White Oak ¹ FA44 Midnight Blue Metallic -

Textured

FA45 Copper Metallic FA46 Charcoal Metallic - FA47 Bronze Metallic - Textured FA52 Champagne Metallic

Textured

FA53 Red Metallic - Textured

25. CANOPY FINISH

CF00 Not required CF01 White - Textured CF02 Black Metallic - Textured CF20 Silver Metallic - Textured

CF25 Gold Metallic - Textured CF44 Midnight Blue Metallic - CF45 Copper Metallic CF46 Charcoal Metallic -

Textured Textured

CF47 Bronze Metallic - Textured CF52 Champagne Metallic CF53 Red Metallic - Textured

26. QUANTITY OF EMERGENCY SECTIONS

E1 Emergency system - Integral ¹ E3 Emergency generated circuit -

Remote ¹

Note: a drawing will be required at time of ordering to determine the required location of the emergency sections or generator circuits.

27. CIRCUITS

28. SENSORS

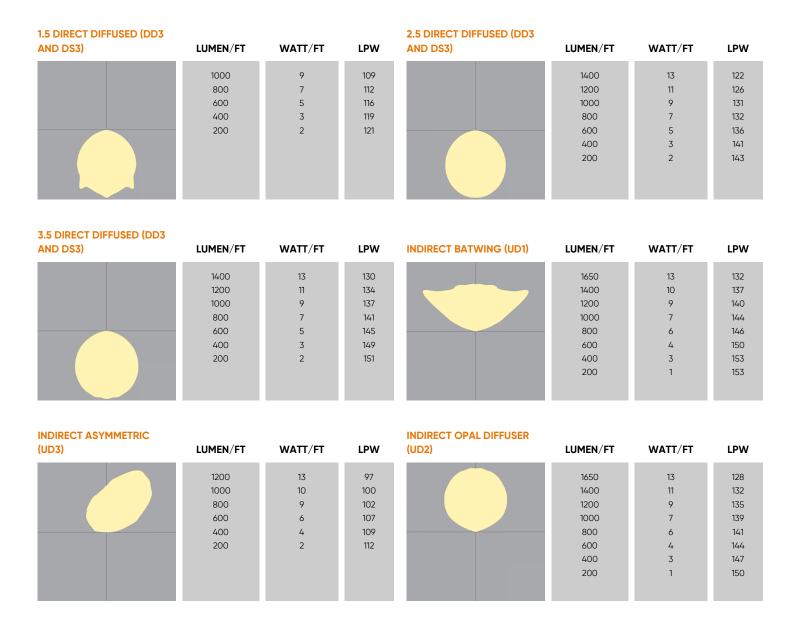
Compatible with Avi-On, Casambi, Enlighted, Lutron Vive, nLight, NX Lighting Controls, Osram, Philips, and others. Consult factory.

¹ Wood grain finishes may incur longer lead times and setup charges. Consult factory for details.

¹ Specify quantity of emergency sections or emergency generator circuits required based off total length of run. ¹ Available upon request, consult factory for details. Not available with 347V.



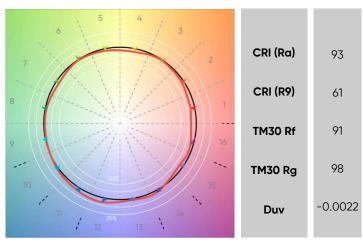
PERFORMANCE DATA



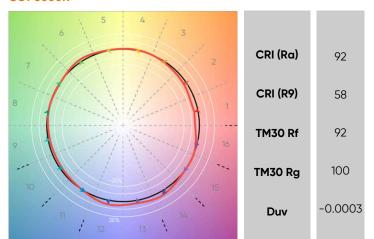


8 TM-30 DATA

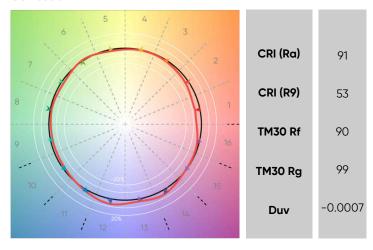
CCT 2700K



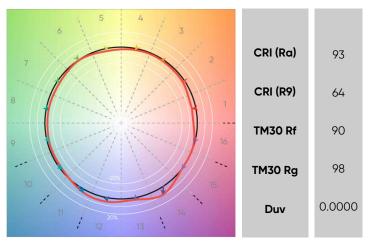
CCT 3000K



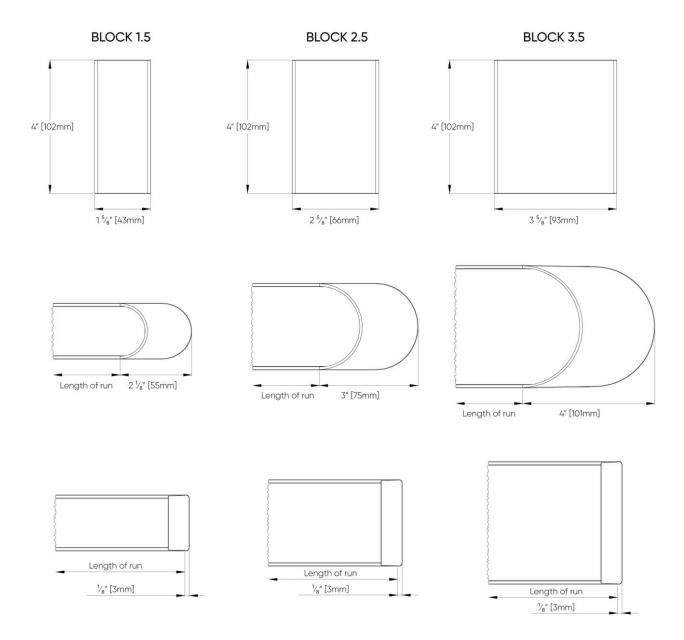
CCT 3500K



CCT 4000K

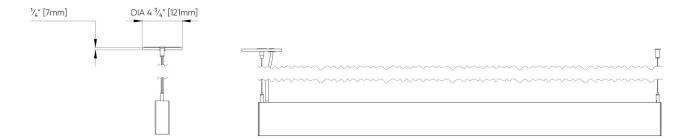


Block 1.5/2.5/3.5" - Dimensional Diagrams





PENDANT



SURFACE



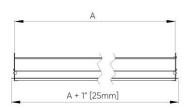
WALL

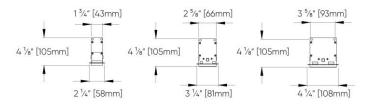




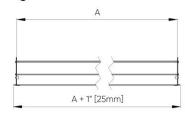
RECESSED - Grid Ceiling

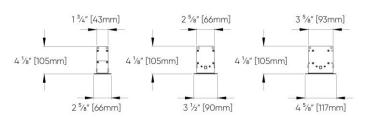
Tegular ceiling





T-bar ceiling



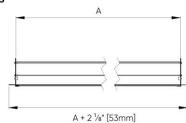


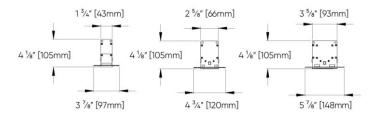
| GRID | CEILING | |
|-----------------------------|--|--|
| Max Length (Per Section) | А | |
| 4ft | 46 ³ / ₄ " [1186mm] | |
| 6ft | 70 ³ / ₄ " [1796mm] | |
| 8ft | 94 ³ /4" [2405mm] | |
| 10ft | 118 ³ / ₄ " [3015mm] | |
| 12ft | 142 ³ / ₄ " [3625mm] | |



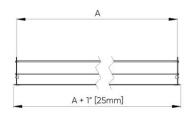
RECESSED - Hard Ceiling

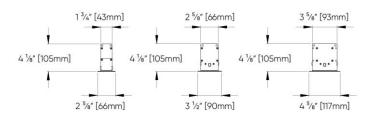
Trimless





Trim

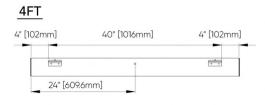




| HARD | CEILING | |
|-----------------------------|---------------|--|
| Max Length (Per Section) | А | |
| 4ft | 48" [1219mm] | |
| 6ft | 72" [1829mm] | |
| 8ft | 96" [2438mm] | |
| 10ft | 120" [3048mm] | |
| 12ft | 144" [3658mm] | |

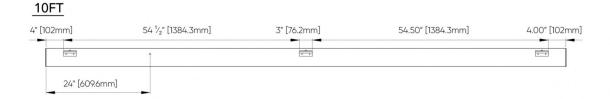


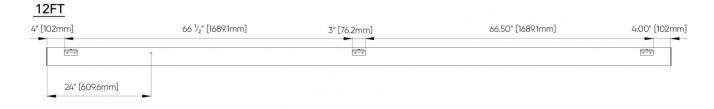
WALL MOUNT CONFIGURATIONS





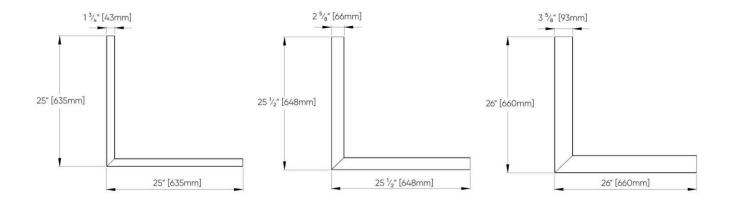








Block 1.5/2.5/3.5" Systems - Dimensional Diagrams



Run Type

