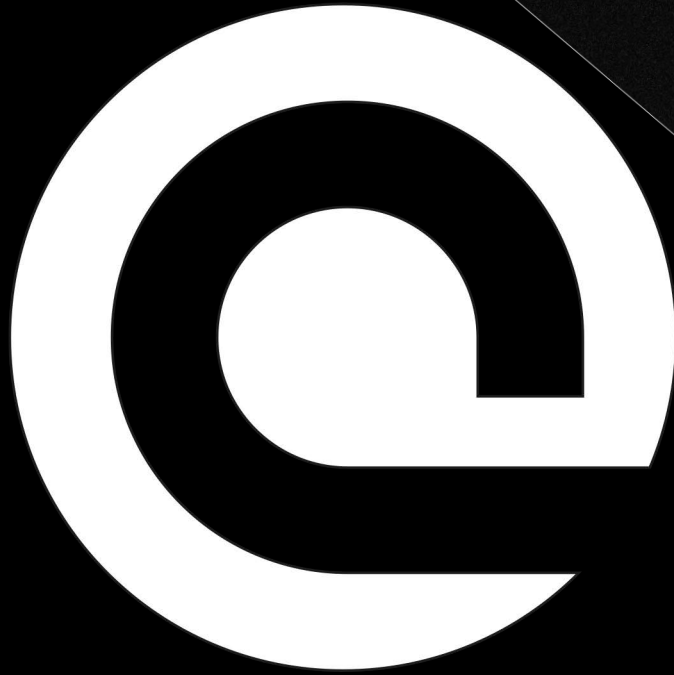
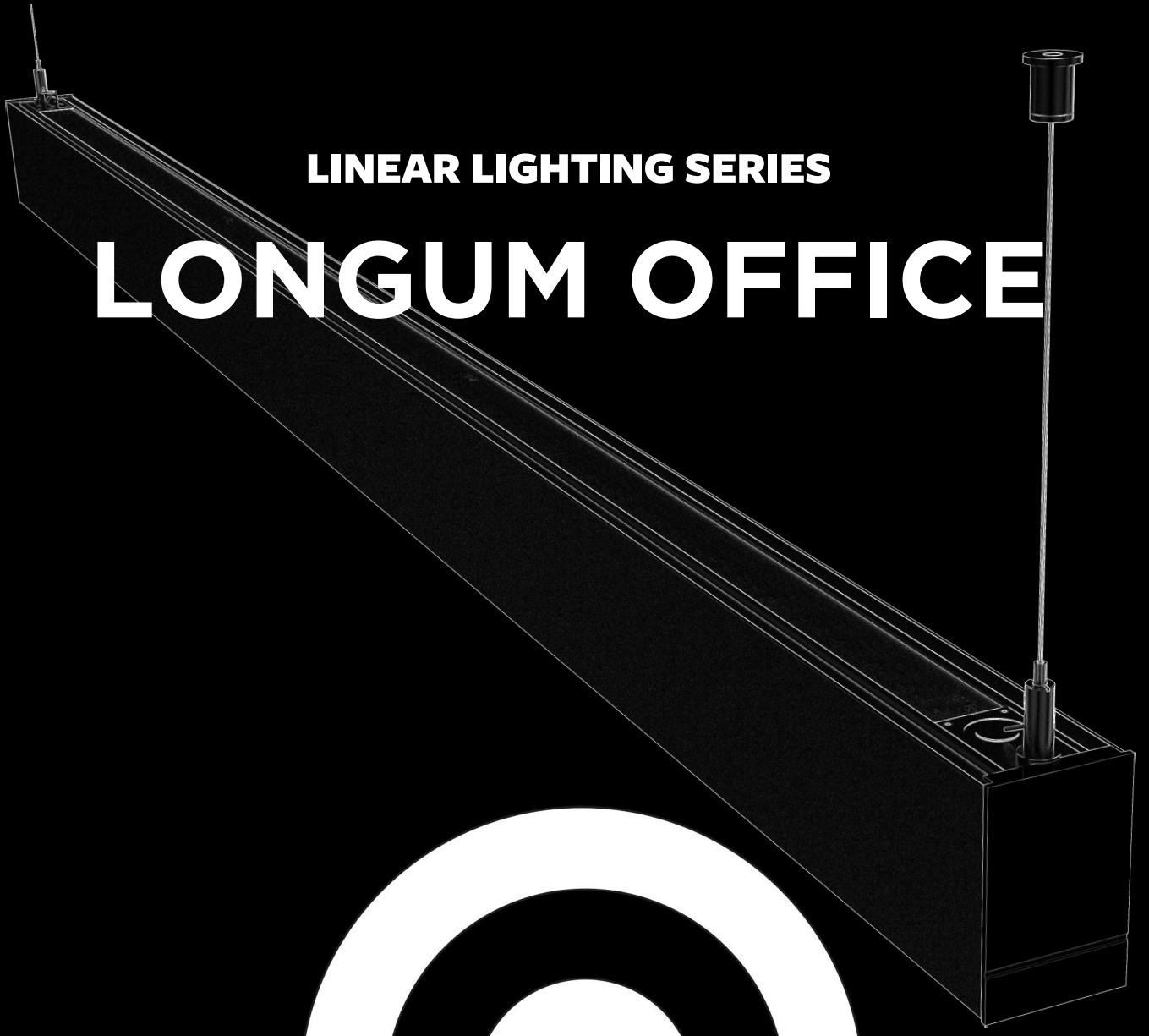


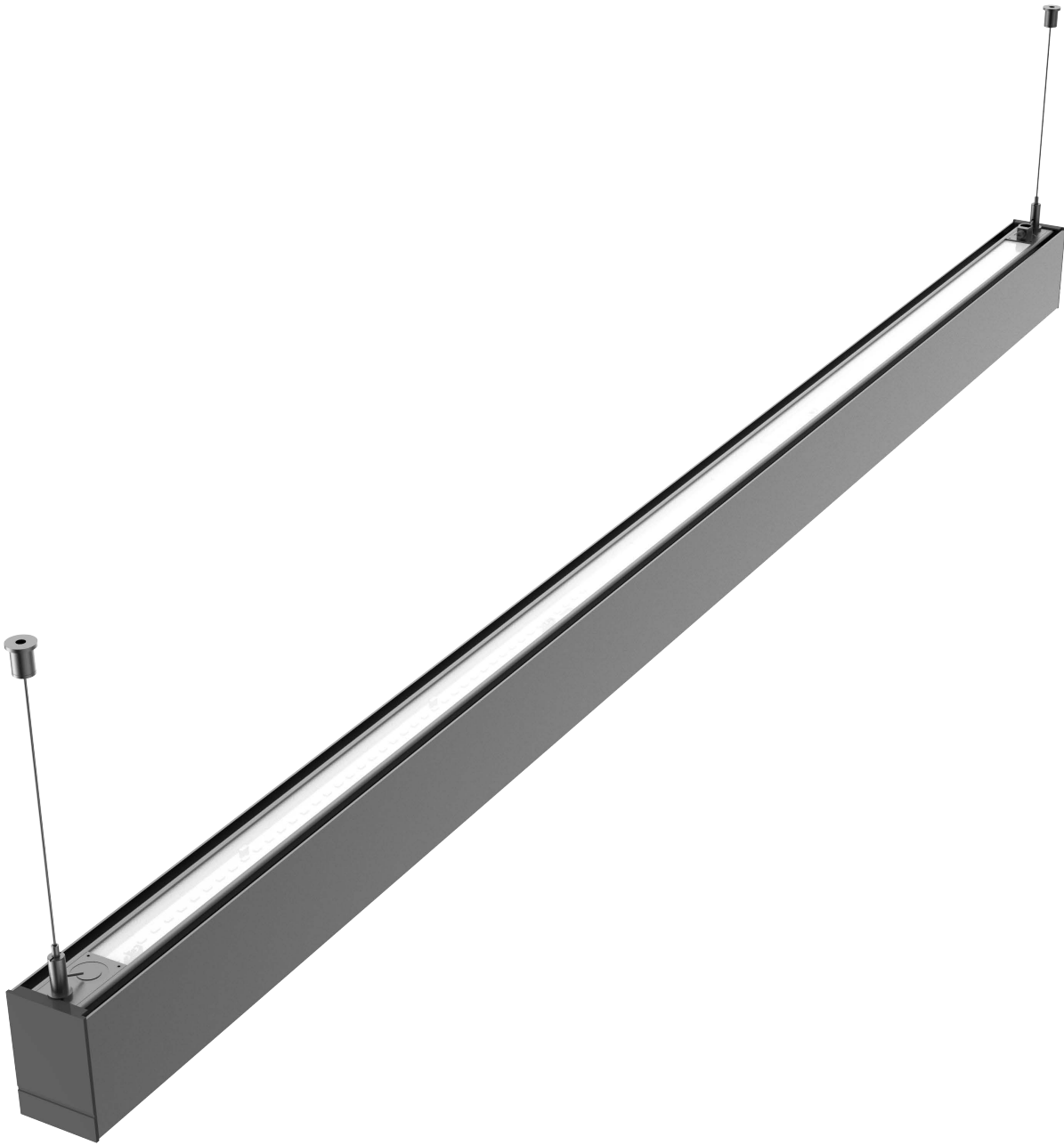
LINEAR LIGHTING SERIES

LONGUM OFFICE



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LINEAR LIGHTING SERIES LONGUM OFFICE



ABOUT

LONGUM IS THE LATEST TECHNOLOGY IN OFFICE LINE LIGHTING

Office art by introducing a sleek and slim designed intelligent line light that is ready for the future of intelligent buildings. Anodized Aluminium, Tunable white downlight with no glare, and amazing blue uplight creating a future like atmosphere.

Daylight Rythm

TRUE-TO-LIFE COLOR



BIOLOGICAL CLOCK IN HYPERDRIVE

Natural light is in constant change as it illuminates our life. The color and intensity of light controls our biological rhythm. While common LED lighting do not care about your rhythm, we at Jibe Lighting do everything we can to keep you healthy and energetic. Due to our innovative technologies, our lighting mimics the natural rhythm, stimulating you well-being and keeps you feeling alert and fresh troughout the entire day. Our enhanced technology creates varying combinations of warm and cool lighting, decreasing melatonin levels during your "normal" 15:00 dip, and smoothly adding healthy melatonin levels at the end of the day. Also, our software allows biohythm adjustments for the night shifts or specific changes in the light for special tasks and needs.

Our researchers found numerous benefits of maintaining the natural daylight rhythm:

- Increased emotional stability
- Decreases the change of burnouts
- Less absence of employees
- Helps with sleeping problems
- Increased productivity
- Less errors during tasks
- Increased motivation and involvement
- Increased safety and productivity in the workplace
- Longer periods of concentration.
- Improved learning with excellent results.

" Health lies in healthy circadian habits "

- Satchin Panda, PhD scientist and researcher at the Salk Institute in San Diego

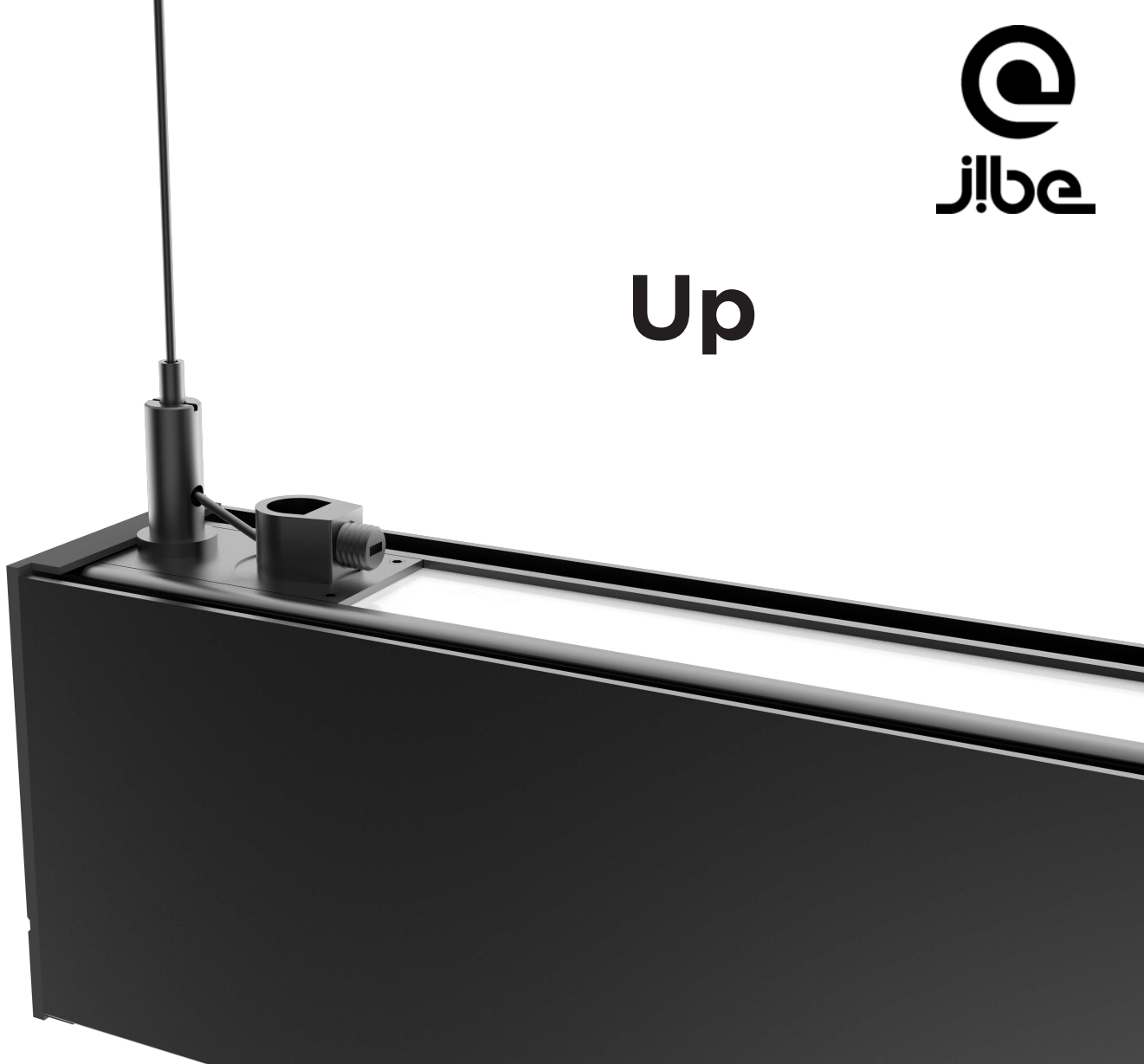
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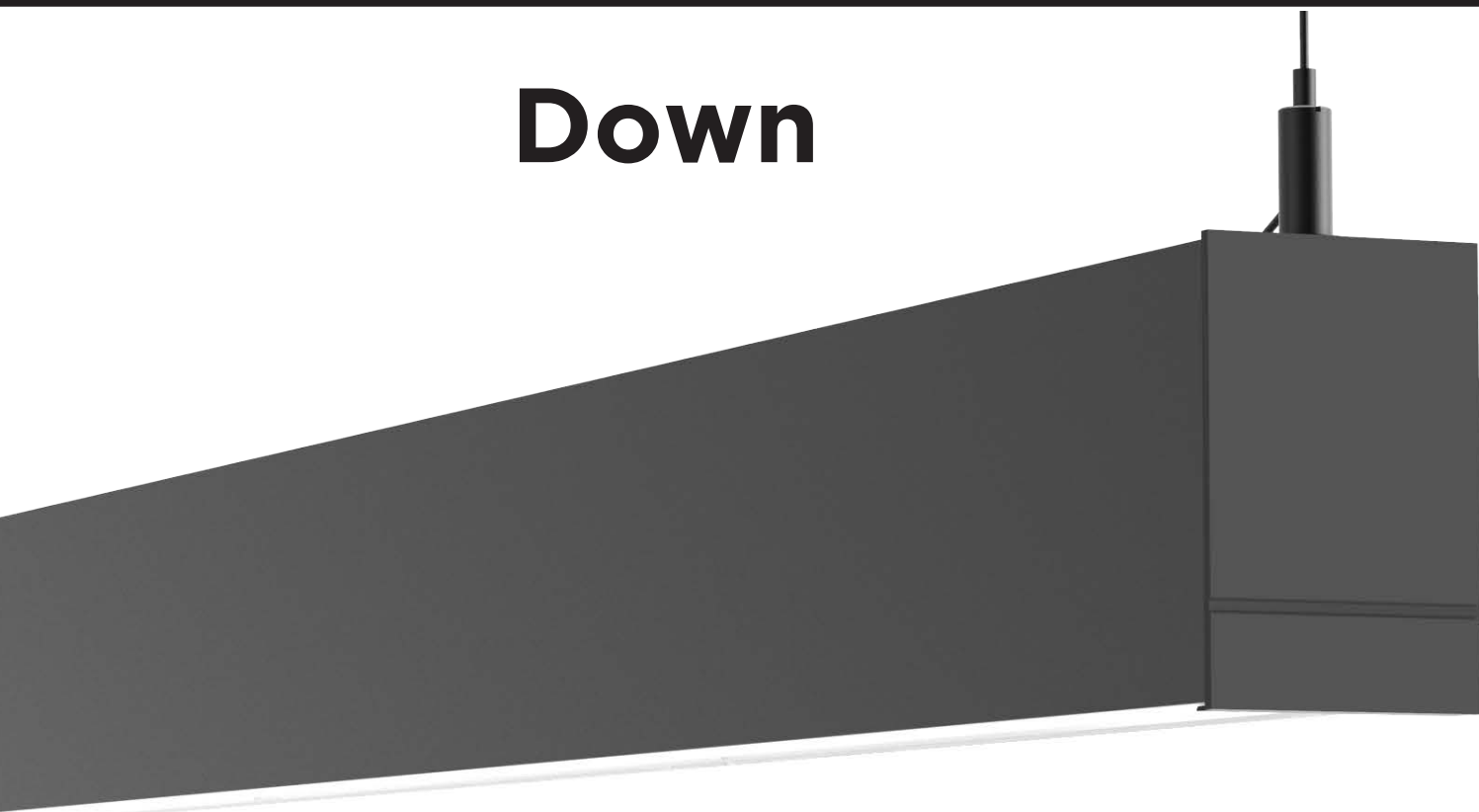
FEATURES

- Saving energy: up to 150 lm/w luminous efficacy
- Saving installation costs: Modularization, tool-free
- Saving maintenance costs: 5 years warranty
- Controllable: DALI dimming
- Linkable system: Seamless connection
- Multiple beam angle: 30°, 50°, 80°, 120°, Double 25°, Asymmetric Left/Right 25°
- Tunable white downlight. Low UGR
- Dimmable uplight

Up

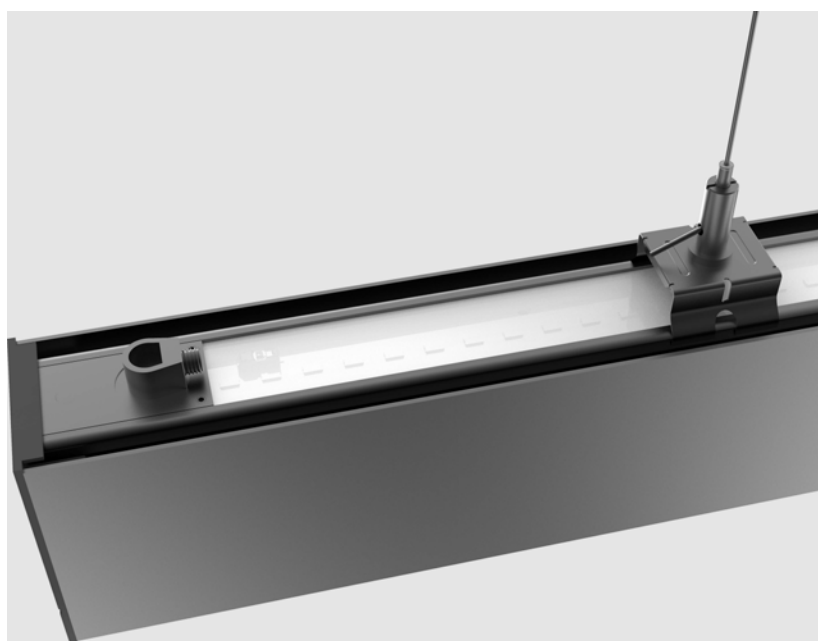


Down



Movable Brackets

CREATING ART WITH LIGHT



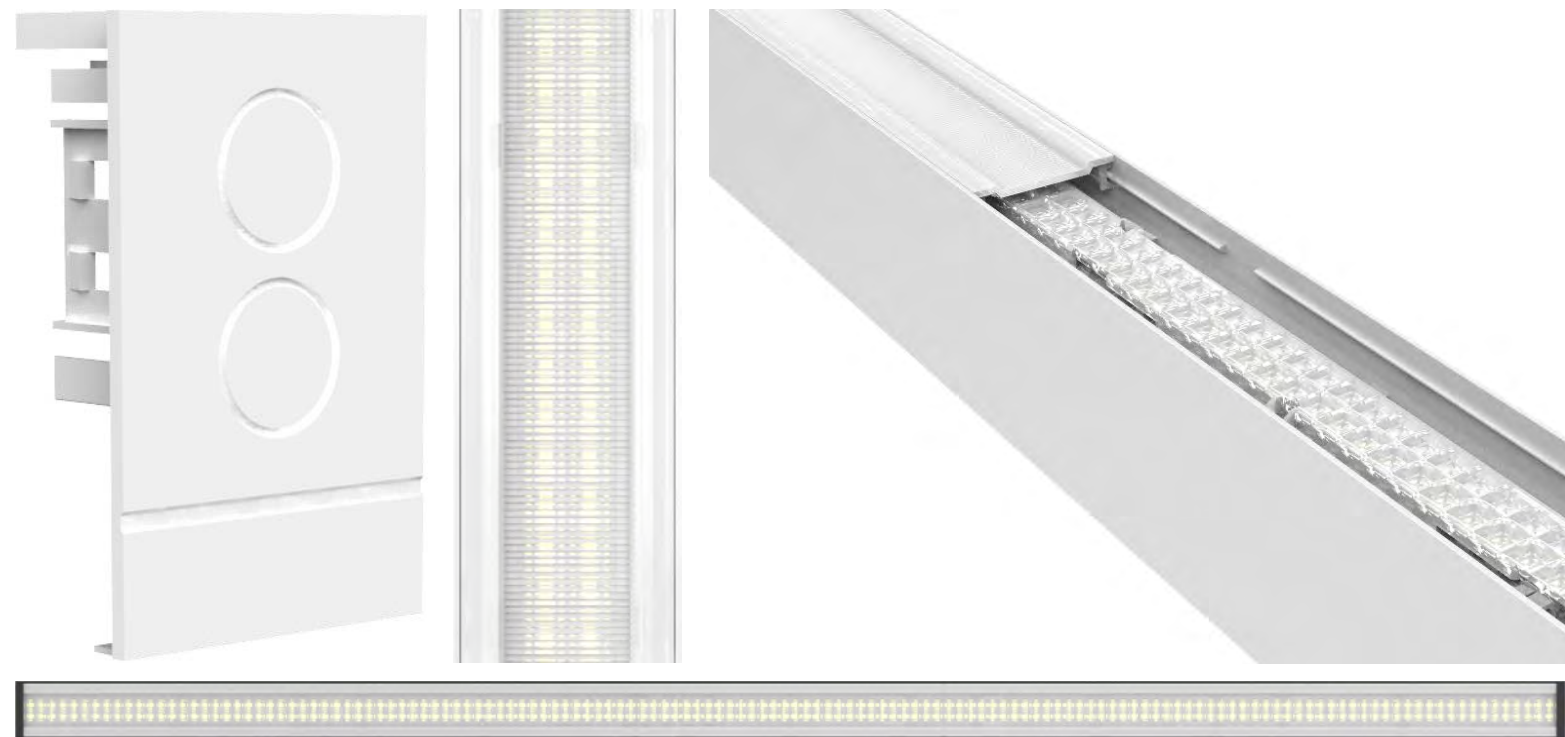
**MOVABLE OR FIXED
SUSPENSION RODS,
NOT JUST ANOTHER
LIGHTING FIXTURE.**

Free choice of fixed or movable suspension clips in order to prevent unwanted suspension mounting in precious (climate) ceilings.



Technology

CREATING ART WITH LIGHT



WHERE ART AND TECHNOLOGY COME TOGETHER

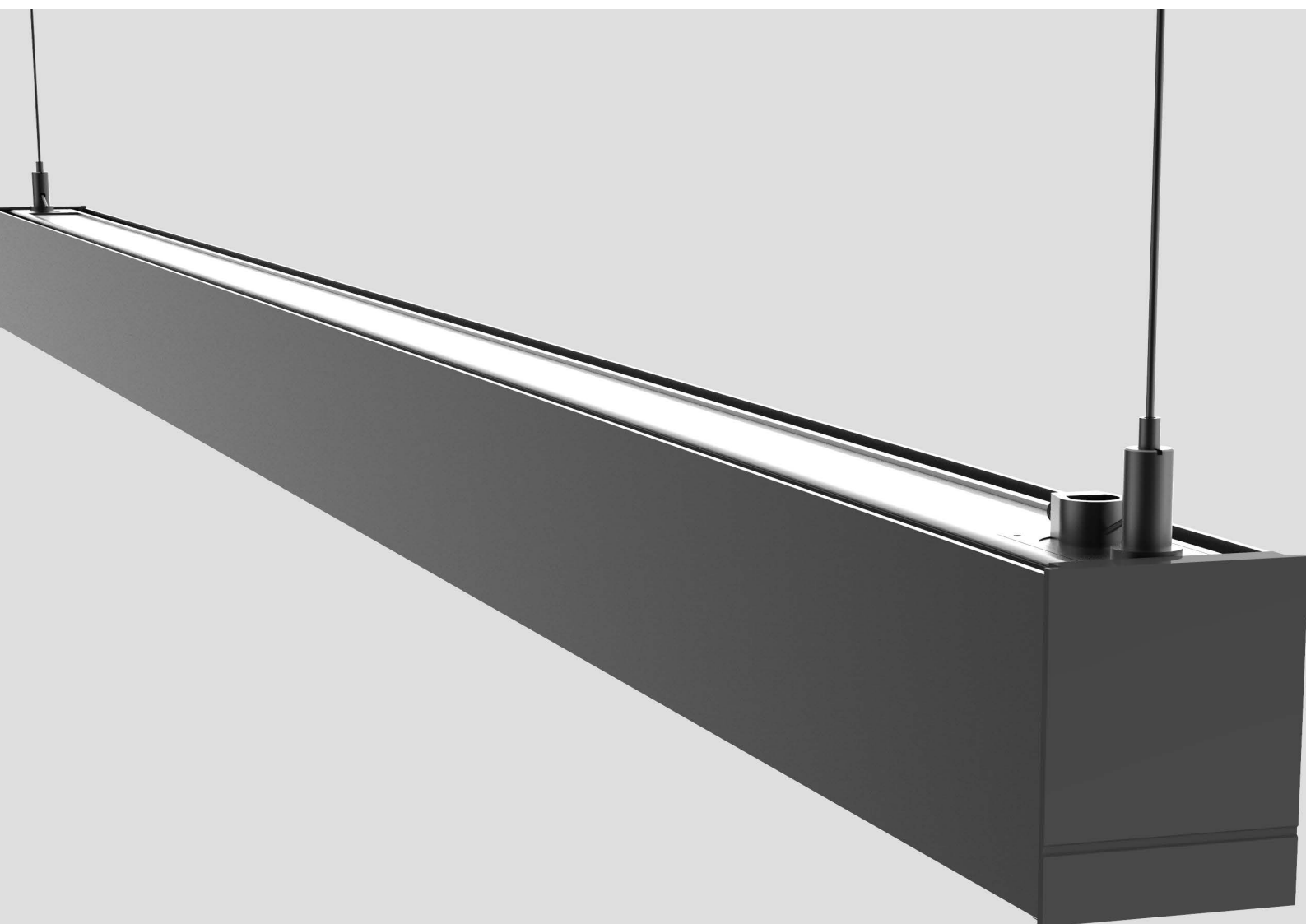
The Longum will make your Return on Investment count. Because of it's the state-of-the-art LED and lens technology, a very high 150 lumen per watt can be achieved. High lumen per watt means low energy consumption and longer LED lifetime. Available in different lengths thereby avoiding unnecessary cabling, connectors and drivers to keep the cost of ownership low.

All LEDs are placed on a Metal Core PCB allowing them to cool better and faster for less color shift and light depreciation.

For the Downlight, 2 colors of LEDs have been placed which can be controlled separately. 3000K and 6500K (tunable white) allowing for a full range of colorshift between these two colors. For the uplight dimmable blue LEDs have been placed to create an amazing ambiance onto the ceiling. The control gears are Dali DT8 enabled and allow digital addressing and bus control that includes dimming, tunable white control, lamp and device status, running hours, power-on level, system-failure level etc.

SUSPENSION CABLES

WORTH TALKING ABOUT



LONGUM SUSPENSION

Fixed suspension at both sides of the fixture perfectly integrated with the AC and Dali cable input. While it might be necessary to have a flexible suspension cable position to cater for different ceiling types. The Longum is ready for it.

TUNABLE WHITE DOWNLIGHT



WARM 3000K

Warmwhite creates a warm ambiance used during (lunch) breaks and at the end of the day.

NEUTRAL 4000K

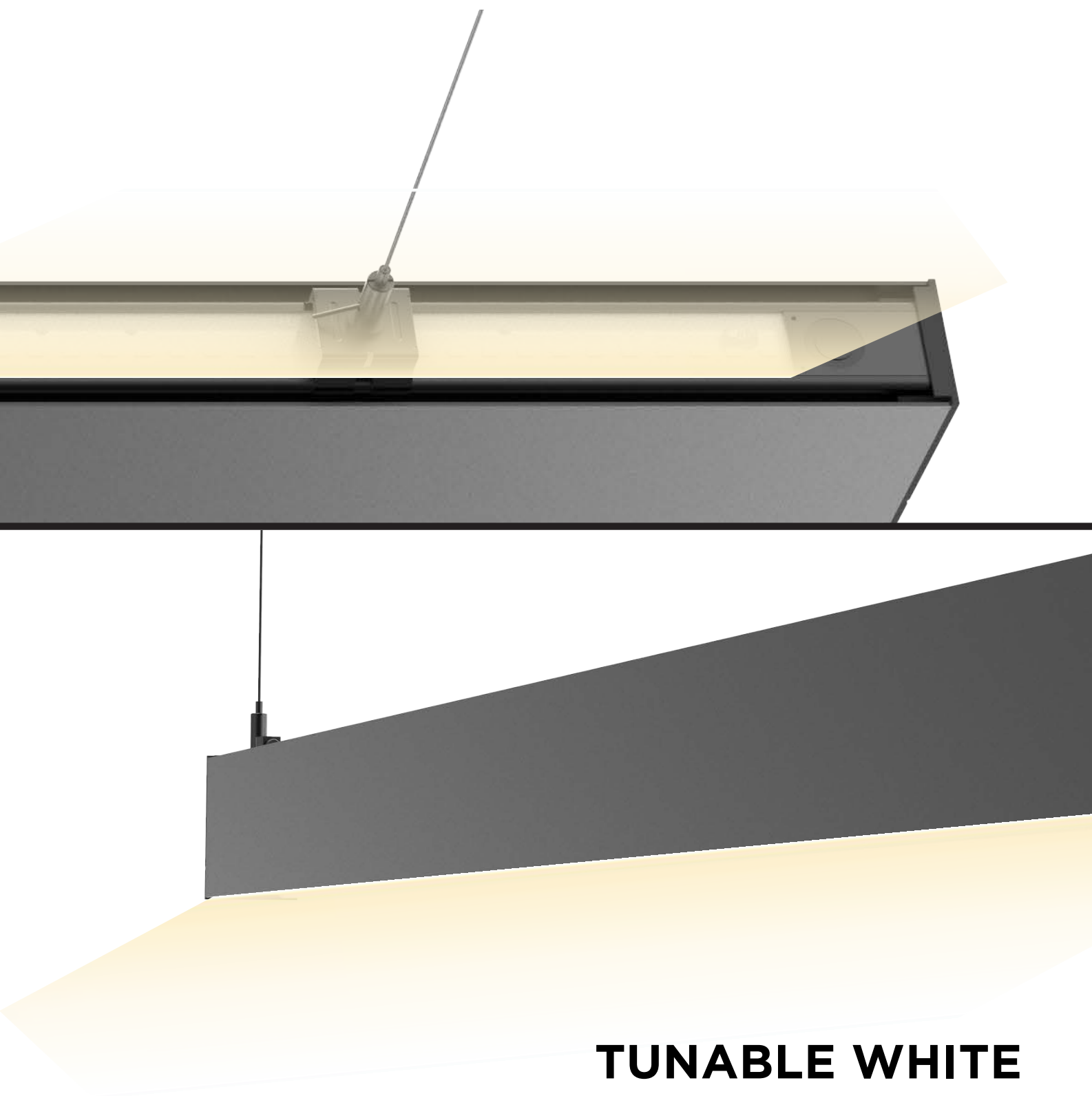
Neutral white is normally used during "normal" office hours

COOL 6500K

Coolwhite has a lot of blue in it, that is being received by a receptor in the back of our eyes signalling our body to lower our melatonin levels keeping us awake and focussed. Often used after 15:00 hours or when working during evening or night hours.



**TUNABLE WHITE
UPLIGHT
3000K-6500K**



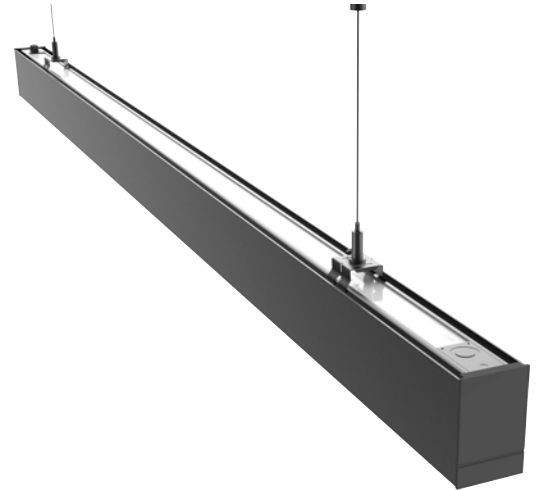
**TUNABLE WHITE
DOWNLIGHT
3000K-6500K**

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TECHNICAL PARAMETERS

Length	1413 mm	2818 mm	3380 mm
Down lighting	27 Watt	54 Watt	65 Watt
	4050 Lumen	8100 Lumen	9750 Lumen
Width* Height	50*75mm		
UGR	<19		
Beam angle	80°		
Light Efficiency	150lm/w		
Lighting	Up lighting: DALI DT8 3000K-6500K		
	Down lighting: DALI DT8 3000K-6500K		
Up-Lighting	18w	36w	43w
	2160 Lumen	2320 Lumen	5160 Lumen
Weight	2.7 KG	5.3 KG	6.5 KG



School



Office



Store

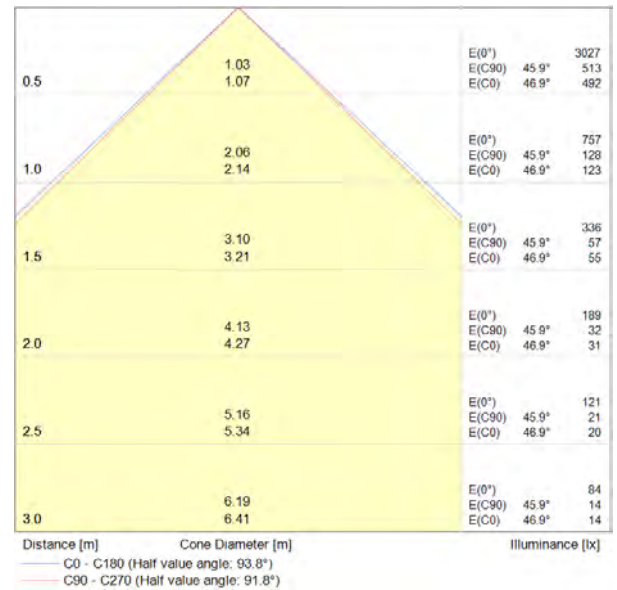
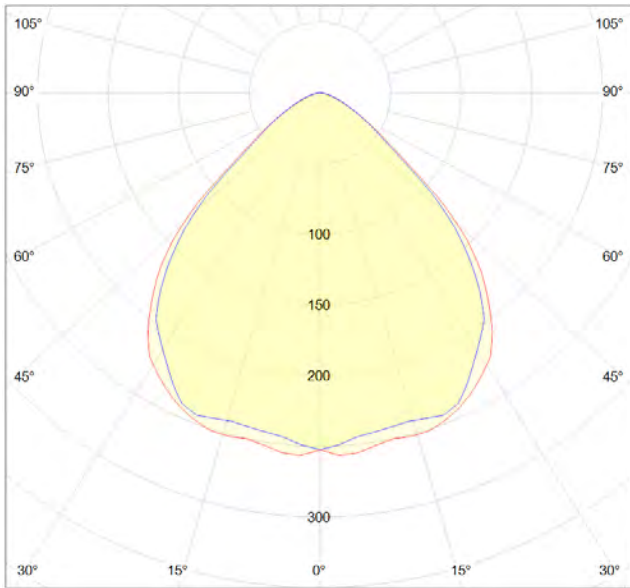


Supermarket

LED Linear System - Longum

Item	Details	Remark
Color temperature:	3000K - 6500K Tunable white	≤3 SDCM
CRI:	> 80	
LED:	Down lighting: SMD3030, Up lighting: SMD5630 Down lighting: PMMA, Upper lighting: PC	
Light emission:	Direct distribution through a lens	
Service life:	Epistar LED: 50,000hrs	25C
Housing Material	aluminum	
Housing Color:	white / black / silver 220-240V AC, 50/60Hz	White is normal; other color can be customized.
LED Driver:	Halocc or Osram or Tridonic Dali DT8	
PF:	> 0.9 IP50	
Impact resistance:	IK05	
Insulation class:	insulation class I (protective earthing)	
Permissible ambient temperature:	-25C...+45C	ta=45C
Package:		
Mounting:	surface mounted / suspension	

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Glare Evaluation According to UGR

ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	17.1	18.2	17.4	18.4	18.6	16.9	18.0	17.2	18.2	18.4
	3H	17.3	18.2	17.6	18.5	18.7	17.2	18.1	17.5	18.3	18.6
	4H	17.3	18.2	17.6	18.4	18.7	17.2	18.1	17.5	18.4	18.6
	6H	17.3	18.1	17.6	18.4	18.7	17.3	18.1	17.6	18.3	18.6
	8H	17.3	18.1	17.6	18.4	18.7	17.3	18.0	17.6	18.3	18.6
	12H	17.3	18.0	17.6	18.3	18.6	17.3	18.0	17.6	18.3	18.6
4H	2H	17.2	18.1	17.6	18.4	18.7	17.1	17.9	17.4	18.2	18.5
	3H	17.4	18.1	17.8	18.5	18.8	17.3	18.0	17.7	18.3	18.7
	4H	17.5	18.1	17.9	18.5	18.8	17.4	18.0	17.8	18.4	18.7
	6H	17.5	18.1	17.9	18.4	18.8	17.5	18.0	17.9	18.4	18.8
	8H	17.5	18.0	18.0	18.4	18.8	17.5	18.0	18.0	18.4	18.8
	12H	17.5	18.0	18.0	18.4	18.8	17.6	18.0	18.0	18.4	18.8
8H	4H	17.4	17.9	17.8	18.3	18.7	17.3	17.8	17.8	18.2	18.6
	6H	17.5	17.9	17.9	18.3	18.7	17.4	17.8	17.9	18.3	18.7
	8H	17.5	17.8	18.0	18.3	18.8	17.5	17.9	18.0	18.3	18.8
	12H	17.5	17.8	18.0	18.3	18.8	17.6	17.9	18.0	18.3	18.8
12H	4H	17.4	17.8	17.8	18.2	18.7	17.3	17.8	17.8	18.2	18.6
	6H	17.4	17.8	17.9	18.2	18.7	17.4	17.8	17.9	18.2	18.7
	8H	17.5	17.8	18.0	18.2	18.7	17.5	17.8	18.0	18.2	18.7

Variation of the observerposition for the luminaire distance S

S = 1.0H	+0.8 / -1.7	+0.8 / -1.6
S = 1.5H	+2.2 / -3.5	+2.0 / -3.1
S = 2.0H	+3.9 / -4.9	+3.5 / -4.3

Standard table	BK01	BK01
Correction summand	-2.9	-3.0

Corrected glare indices referring to 3000lm total luminous flux

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LED THERE BE LIGHT

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You can obtain a copy of these conditions on demand.

For latest information and specifications of the full product range visit www.jibe.lighting