

FLUSH

ceiling & wall

BACKLIGHT



Line of ultra-thin linear lamps with uniform light emission, designed to obtain an extremely clean result.

FLUSH

ceiling & wall



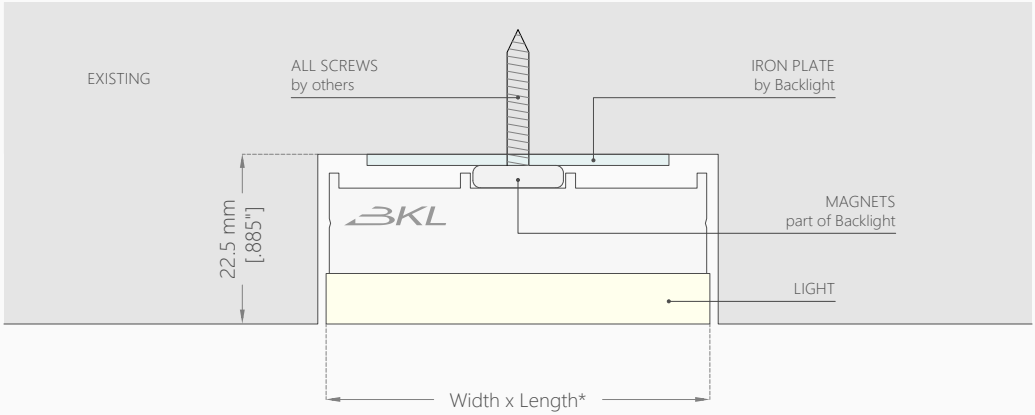
TECHNICAL SPECS

COLOR TEMPERATURE	Nominal 2700 K - 3000 K - 3500 K - 4100 K - 5000 K - Tun.White 2700K/6500K - RGB (other K and RGBW under request)	
INPUT VOLTAGE	24V DC	
DRIVER	AC DC 24V DC OUTPUT (class 2 Power Unit)	
DIMMABILITY	YES by all existing systems	
POWER CONSUMPTION	Standard bright 4.5 W per linear ft (14 W per linear mt) High bright 9.0 W per linear ft (28 W per linear mt)	
LUMEN DELIVERED	Standard bright 280 lm per linear ft (890 lm per linear mt) High bright 570 lm per linear ft (1632 lm per linear mt)	
IP GRADE	IP40 (IP54 under request)	
CRI	> 95	
LIFE TIME	70.000 hrs	
WARRANCY	3 Years (36 months)	
CERTIFICATIONS	<div><div>CE ENEC cULus JAS 1604</div><div><ul style="list-style-type: none">Ceiling surface MountedCeiling recessed Type IC Inherently protectedWall surface MountedStorage Area of a Clothes Closet</div></div>	

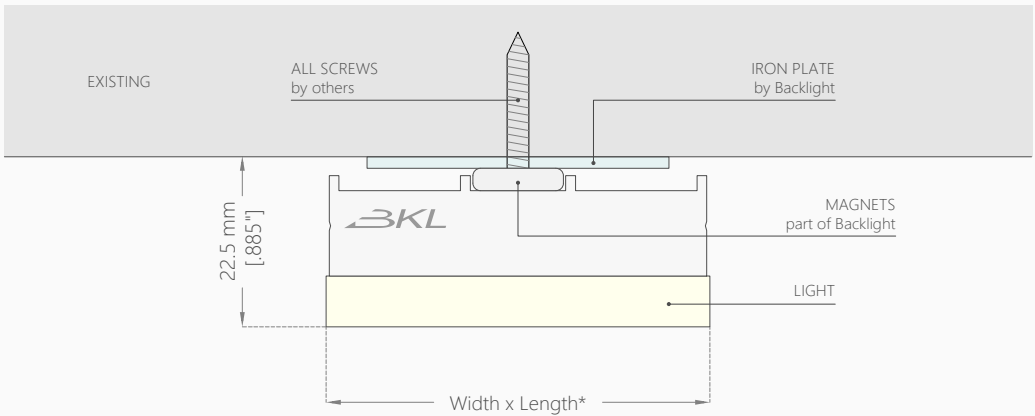


CEILING & WALL

Recessed



Surface



* Width from 15 mm to 203.2 mm (from 0.6" to 8"). For different widths see Magic Cloud.

* Length from 127 mm to 3048 mm (from 5" to 120").



CEILING & WALL

Standard sizes

WIDTH	LENGTH
15.24 mm (0.6")	101.6 - 203.2 - 304.8 - 406.4 - 457.2 - 508 - 609.6 - 711.2 - 762 - 812.8 - 914.4 - 1016 1066.8 - 1117.6 - 1219.2 - 1270 - 1320.8 - 1371.6 - 1422.4 - 1473.2 - 1524 - 1625.6 - 1676.4 1727.2 - 1778 - 1828.8 - 1879.6 - 1930.4 - 1981.2 - 2032 - 2082.8 - 2133.6 - 2184.4 - 2235.2 2286 - 2336.8 - 2387.6 - 2438.4 - 2489.2 - 2540 - 2590.8 - 2641.6 - 2692.4 - 2743.2 2794 - 2844.8 - 2895.6 - 2946.4 - 2997.2 - 3048 mm (4" - 8" - 12" - 16" - 18" - 20" - 24" - 28" - 30" - 32" - 36" - 40" - 42" - 44" - 48" - 50" - 52" 54" - 56" - 58" - 60" - 64" - 66" - 68" - 70" - 72" - 74" - 76" - 78" - 80" - 82" - 84" - 86" 88" - 90" - 92" - 94" - 96" - 98" - 100" - 102" - 104" - 106" - 108" - 110" - 112" - 114" - 116" 118" - 120")
25.4 mm (1")	
30.48 mm (1.2")	
35.56 mm (1.4")	
40.64 mm (1.6")	
50.8 mm (2")	
76.2 mm (3")	
101.6 mm (4")	
152.4 mm (6")	
203.2 mm (8")	

Custom sizes

WIDTH*	LENGTH
from 15.24 mm to 203.2 mm (from 0.6" to 8")	from 127 mm to 3048 mm (from 5" to 120")

It is available in various standard sizes but can also be made to measure in a few days.
Widely used for recessed and surface installations.

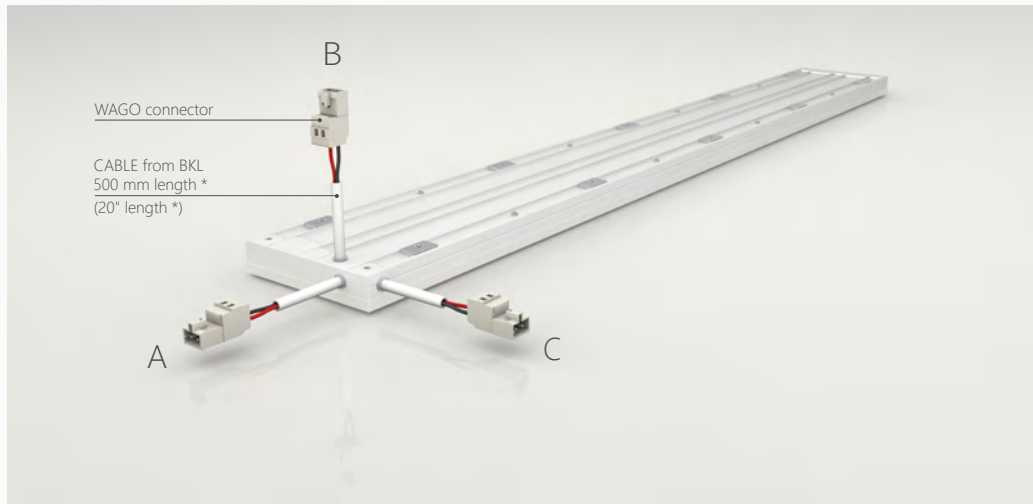


* For different widths see Magic Cloud.

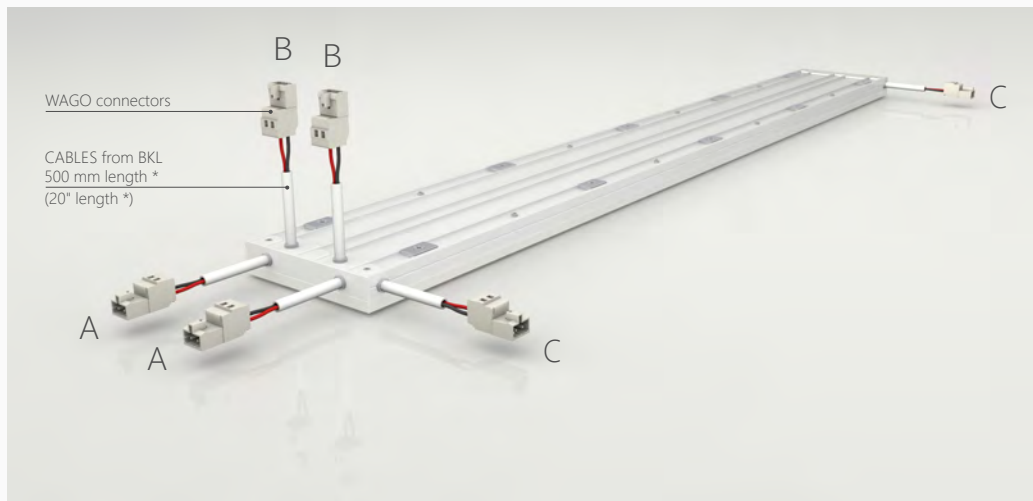


CABLE OPTIONS

For power MAX 42W - 1 cable needed



For power higher then 42W - 2 cables needed



* An extension cable 1000 mm length (40") will be provided for each exit cable. Cable lengths can be changed on request.



OTHER POSSIBLE SOLUTIONS

RUN



more fixtures can be combined to obtain longer runs since the visibility of the seam is clean

MITERED 2D



the ends of each lamp can be customized to obtain different geometric figures...

MITERED 3D



...and move in the space!



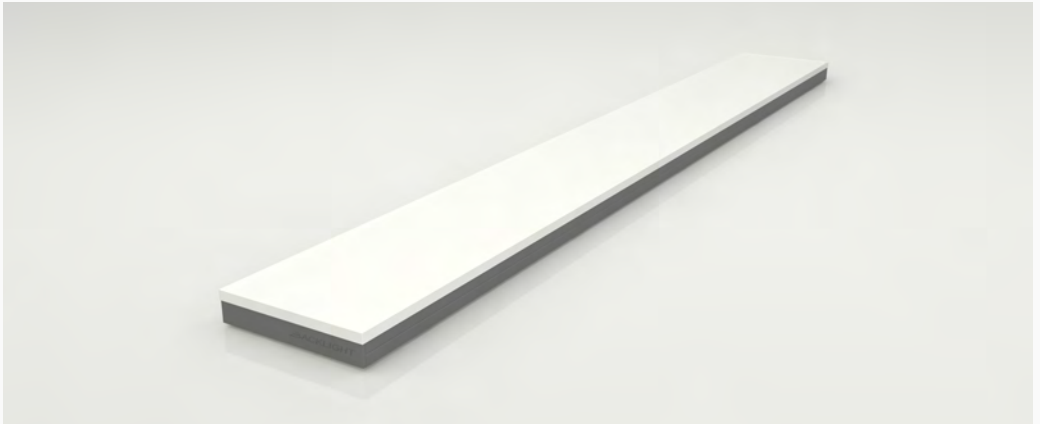
FINISH OPTIONS

Printing textures



The luminous surface can be directly printed by ink jet technology to get a backlit graphics deriving from any file in high resolution.

Profile custom RAL

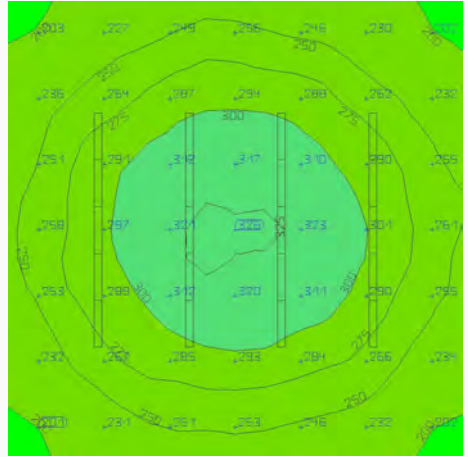
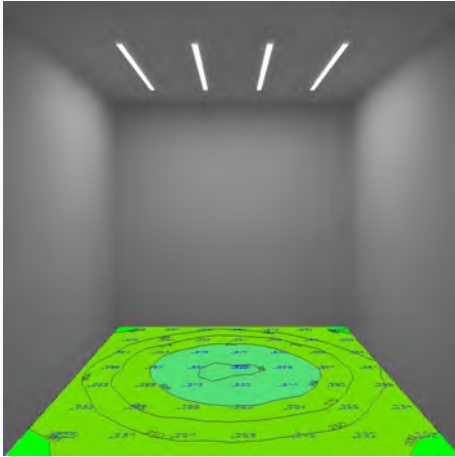


The RAL 9010 white standard profile can be painted by any RAL color as option on request.

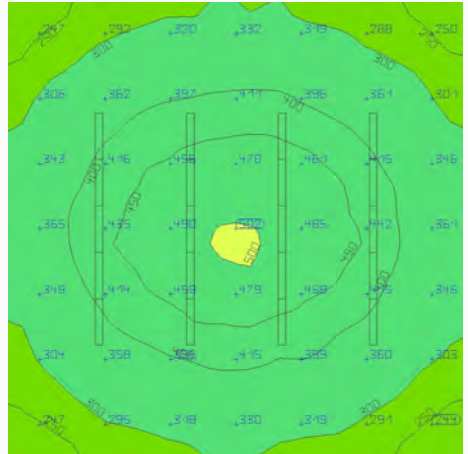
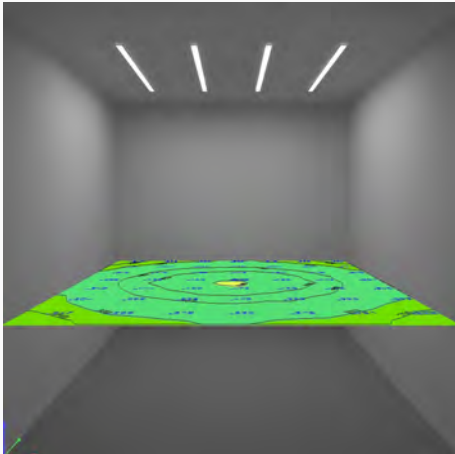


PHOTOMETRIC CASE STUDY

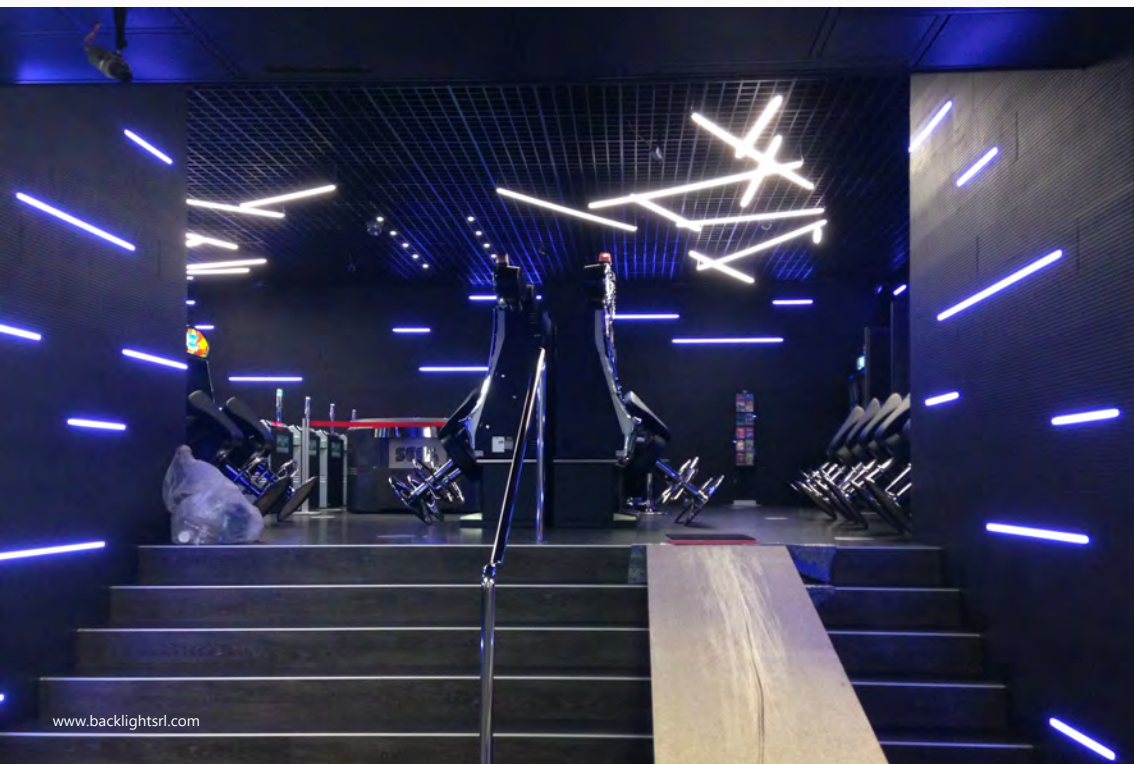
Floor calculation (H 0.00 meters) *



Desk calculation (H 0.80 meters) *



* EXAMPLE of a room 3x3 x h. 2.70 meters (118"x118" x h. 106") with 4 lamps 50.8 x 1524 (2"x60")



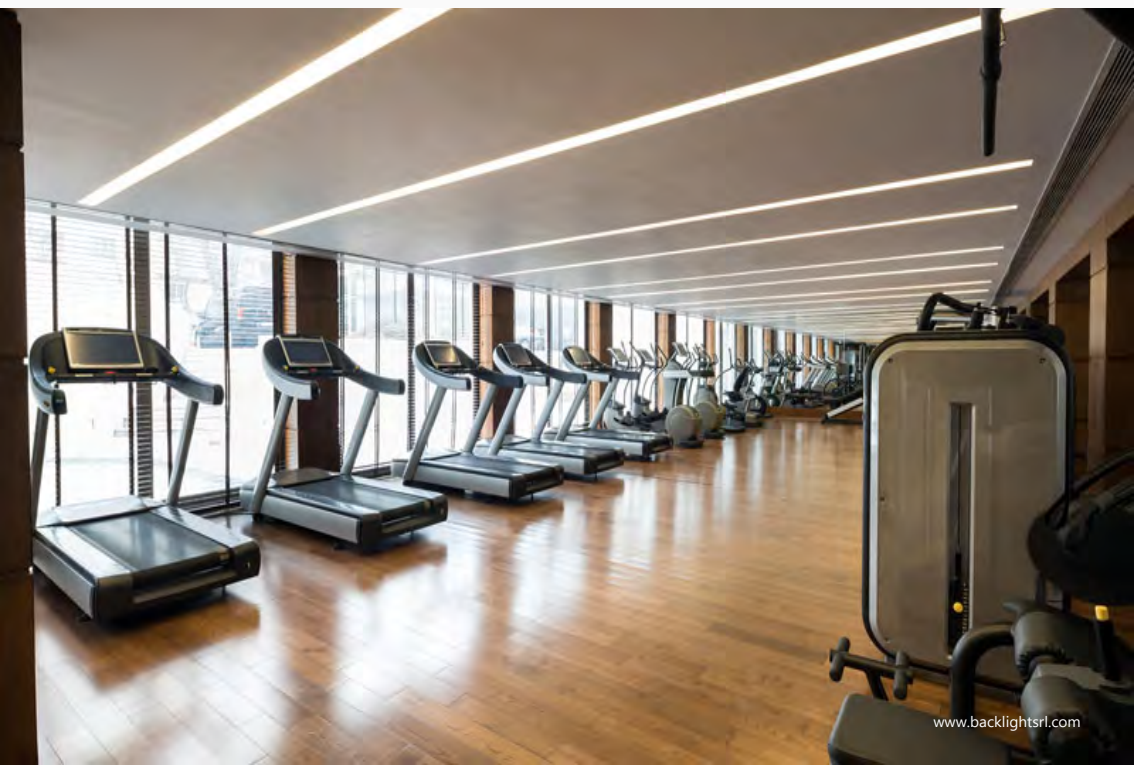












BACKLIGHT

Via Alessandro Volta, 5
20876 Ornago (MB)
Italy

+39 039 6010396
www.backlightsrl.com
info@backlightsrl.com