



BKN SERIES

LINEAR BACKLIGHTS

Backlight system for linescan sensors in applications that inspect materials manufactured in continuous such as paper, cloth, glass or wire mesh. The light produced by BKN system is very intense, diffuse and homogeneous to inspect object's shape, transmittance or impurities.

TECHNICAL DATA

		BKN0nn*0A					
	ULTRA DIFFUSE LIGHT		Customizable system composed by segments of 200mm of light emission window. The required length for each application is assembled from manufacturing preserving light homogeneity.	N = No. of segments	Length = N x 200mm	*nn = N x 2	Lighting model
				1	200	02	BKN0020A
				2	400	04	BKN0040A
				N	(Nx200)	nn	BKN0nn0A
				15	3000	30	BKN0300A
DIMENSIONS		Length (L) = 200x (nn/2) + 30 Width = 29.5					
ACTIVE SURFACE		Length (L) = 200x (nn/2) Width = 5					
WEIGHT		60g + (195g x N)					
IP RATING		IP50					
MOUNTING HOLES		(nn/2)(x2)M3∇5					
CONNECTION (cable non-included)		2P aerial male connector of 150mm. PIN 1 = +24V PIN 2 = 0V					
MODIFIERS ¹		NO					
ACCESSORIES ²							
MAX. OPERATING HUMIDITY		85% non-condensing					
OPERATING T°		0 - 40°C					
STORAGE T°		0 - 60°C					
HOUSING MATERIAL		Anodized aluminium					

(1) Optional modifications on the standard lighting system from manufacturing.

(2) Accessories are non-included. More information in accessories section.

INSTANTANEOUS CONSUMPTION (Max.)

		Lighting model*					WT*
		BKN0nn0A					
TYPE C (24VDC)		On request					-470C
		On request					-525C
		4.1W x (nn/2)					-630C
		4.7W x (nn/2)					-880C
		On request					-940C
		5.3W x (nn/2)					-W00C
TYPE P		No type P standard LED lighting systems on this series.					
TYPE S		No type S standard LED lighting systems on this series.					

Take note that consumption table is for guidance. To refer to real values, consult product label when purchasing. | *ORDER REFERENCE = Lighting model + WT

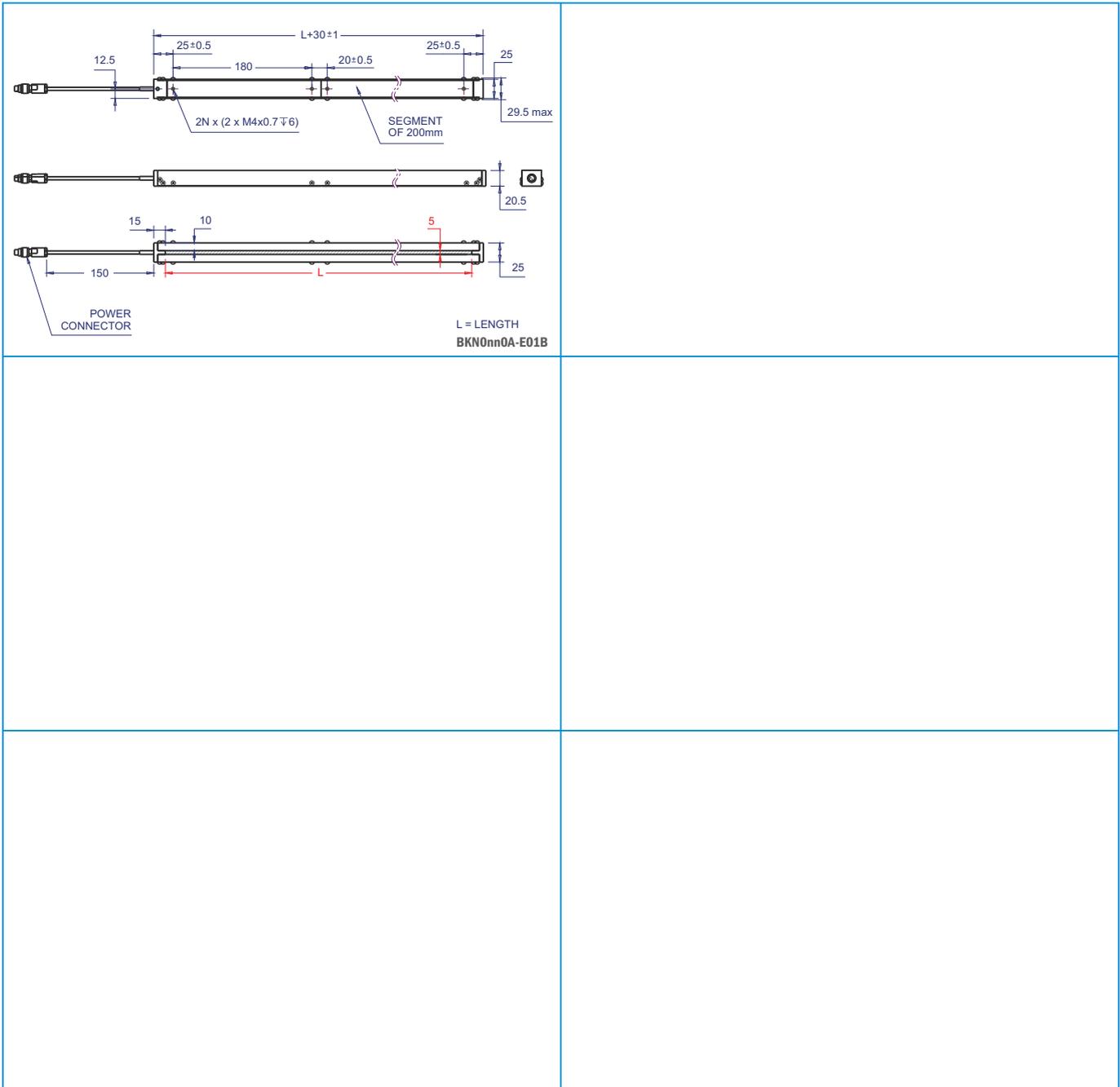
Customizable lighting system composed by segments of 200mm of light emission window. The lighting model name will depend on the number of segments and will be composed as it is shown in the table below:

Lighting model	nn = N x 2	N = No. of segments	Length = N x 200mm
BKN0020A	02	1	200
BKN0040A	04	2	400
BKN0nn0A	nn	N	(Nx200)
BKN0300A	30	15	3000

UV- (365nm) UV (400nm) BLUE (470nm) GREEN (525nm) RED (630nm) IR (880nm) IR+ (940nm) WHITE



► **TECHNICAL DRAWINGS** (All units in millimeters, if not indicated)



► **ADDITIONAL INFORMATION**

