



16112-1/2/3

Led tube budget line 60 cm 10W



colour	ww-nw-cw
colour temp	3000-4500-6500K
base	g13
power factor	>0.90
voltage	100 -240vac
efficacy l/w	90-100 lm/w
total lumen	900-1000 lm
cri	>80
life time	50.000 hrs
beam angle	120 deg
wattage	10 watt
replacement for	Tl 60 cm
diameter ø	26 mm
length	60 cm
panel front	frosted pvc
certificates	ce/rohs
warranty	3 years

Note

Specifications listed are in effect at time of printing and are subject to alteration without prior notice or obligation.
RAW LED reserves the right to periodically upgrade these specifications through additions, deletions and substitutions.

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Light output

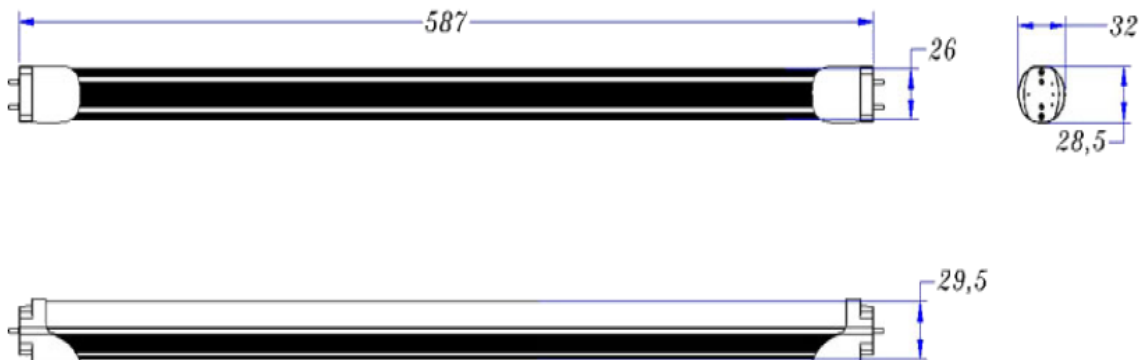
	Center Beam Lux ^{1,2}	Beam Width
0.5 m	580 lx	2 x 1 m
1.0 m	182 lx	5 x 3 m
1.5 m	89 lx	7 x 4 m
2.0 m	51 lx	10 x 6 m
2.5 m	32 lx	12 x 7 m
m	23 lx	15 x 9 m

Beam Angle: 135° x 110°
Field Angle: 180° x 160°

Notes:

1. For footcandle, fc multiply lux by 0.09
2. Lux multiplier: 6500K - 1.00
4500K - 0.90
3000K - 0.70
Clear - 1.09

Dimensions



Notes:

1. Dimensions shown in mm.



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Packaging

1. Quantity / Carton: 25 pieces
2. Carton dimension (L x W x H): 645 x 210 x 210mm





12028-1/2/3

Led tube budget line 120 cm 18W



colour	ww-nw-cw
colour temp	3000-4500-6500K
base	g13
power factor	>0.90
voltage	100 -240vac
efficacy l/w	90-100 lm/w
total lumen	1620-1800 lm
cri	>80
life time	50.000 hrs
beam angle	120 deg
wattage	18 watt
replacement for	T1 120 cm
diameter ø	26 mm
length	120 cm
panel front	frosted pvc
certificates	ce/rohs
warranty	3 years

Note

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Light output

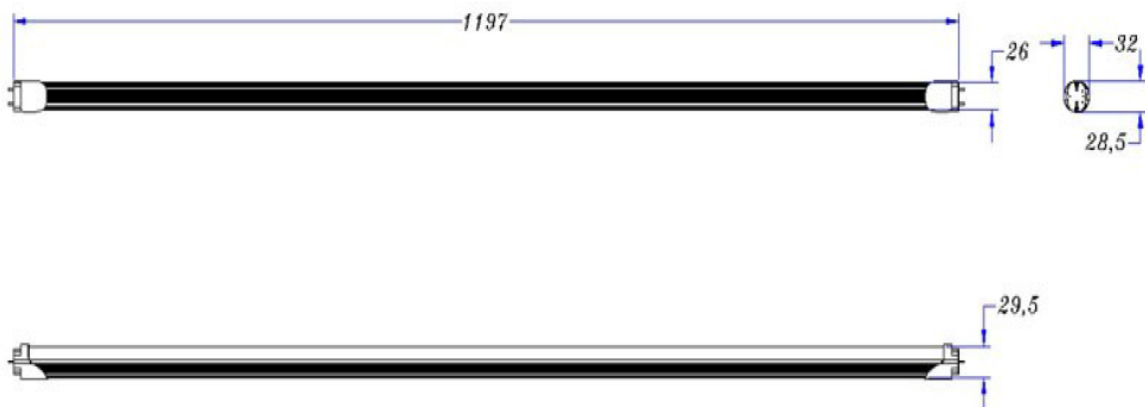
	Center Beam Lux ^{1,2}	Beam Width
0.5 m	826 lx	2 x 1 m
1.0 m	311 lx	5 x 3 m
1.5 m	162 lx	7 x 4 m
2.0 m	98 lx	10 x 6 m
2.5 m	64 lx	12 x 7 m
m	46 lx	15 x 9 m

Beam Angle: 135° x 110°
 Field Angle: 180° x 160°

Notes:

1. For footcandle, fc multiply lux by 0.09
2. Lux multiplier:
 - 6500K - 1.00
 - 4500K - 0.90
 - 3000K - 0.70
 - Clear - 1.09

Dimensions



Note: Dimensions in mm



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Packaging

Quantity per carton	25 pieces
Carton dimension (length x width x height)	1230*200*190mm



15028-1/2/3

Led tube budget line 150 cm 22W



colour	ww-nw-cw
colour temp	3000-4500-6500K
base	g13
power factor	>0.90
voltage	100 -240vac
efficacy l/w	90-100 lm/w
total lumen	1980-2200 lm
cri	>80
life time	50.000 hrs
beam angle	120 deg
wattage	22 watt
replacement for	T1 150 cm
diameter ø	26 mm
length	150 cm
panel front	frosted pvc
certificates	ce/rohs
warranty	3 years

Note

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Light output

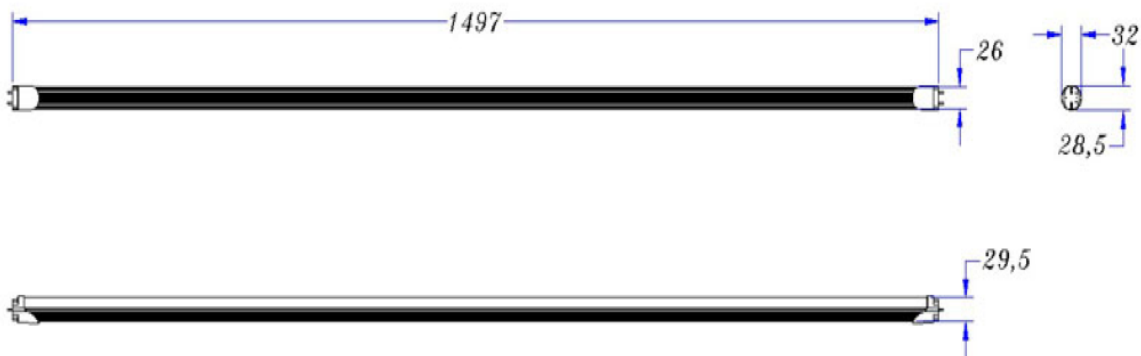
	Center Beam Lux ^{1,2}	Beam Width
0.5 m	872 lx	2 x 1 m
1.0 m	348 lx	5 x 3 m
1.5 m	189 lx	7 x 4 m
2.0 m	116 lx	10 x 6 m
2.5 m	76 lx	12 x 7 m
m	55 lx	15 x 9 m

Beam Angle: 135° x 110°
Field Angle: 180° x 160°

Notes:

1. For footcandle, fc multiply lux by 0.09
2. Lux multiplier: 6500K - 1.00
4500K - 0.90
3000K - 0.70
Clear - 1.09

Dimensions



Note: Dimensions in mm



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Packaging

1. Quantity / Carton: 25 pieces
2. Carton dimension (L x W x H): 1545 x 210 x 210mm

