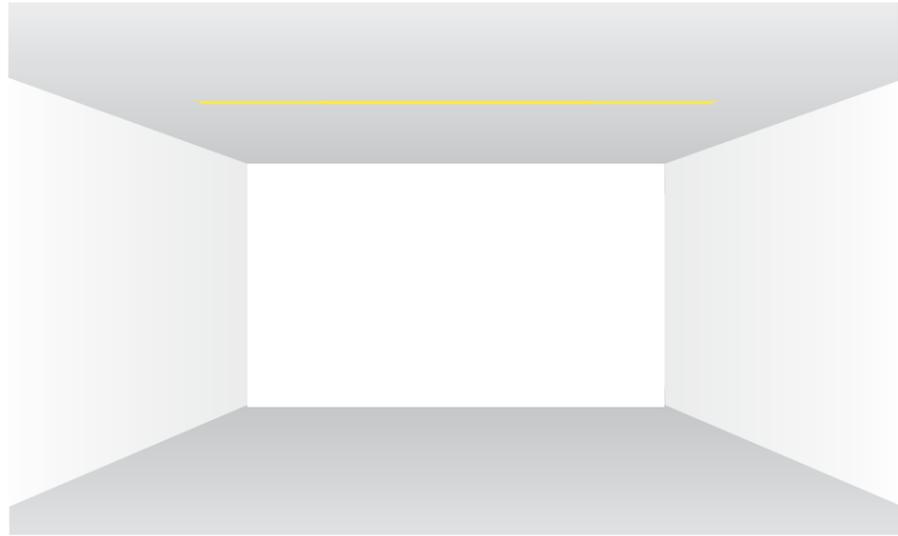


# 20 Linear Optical Accessory - Performance

WG 20LDL-...-S...-LL45-W, WG 20LDL-...-S...-NL16-W



The 20 Linear range of luminaires is one of Whitegoods' most popular. Maybe because of its uber minimal design, compact form factor and almost limitless versatility. Nonetheless, we are compelled to innovate and improve so we have added two Optical Accessories so that the 20 Linear can be utilised in even more applications.

The Linear Narrow Lens delivers a defined narrow beam of light in a continuous run. Although well defined, the beam has soft edges and is smooth across the focus area.

The Linear Louvre has been designed to provide excellent shielding of the light source, with a 45° cut off in all angles of view. Even if you happen to look into the luminaire, you will not see LEDs directly; we have included a specifically developed diffuser to cover them and create an even spread of light across the beam.

Refer to the diagram on the left, select your luminaire and read off the light level achieved in the table below.

Calculated on the following basis:

**Reflectances**

Ceiling 70%

Walls 50%

Floor 20%

**Maintenance factor**

1.0

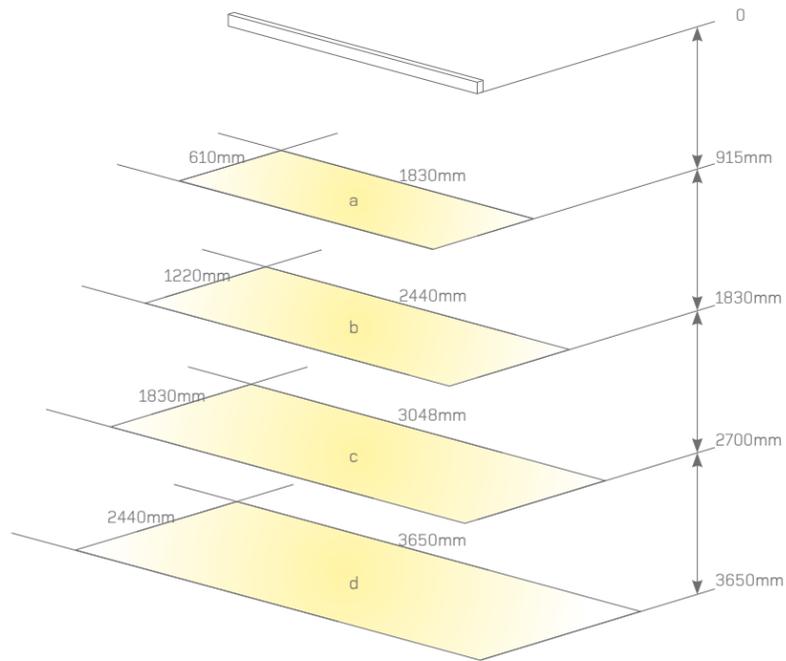
**LED**

1900lm/m\*

3000 Kelvin

90 CRI

**Light levels at set distances**



The diagram shows the light level achieved across an area of the size shown, at the given distance from the luminaire.

Length of fixture: 1220mm

See tables on right for values taken at 300mm x 300mm spacings

**20 Linear Louvre All Mounting Options**

Product Details 126-127

**20 Linear Narrow Lens All Trim Options**

Product Details 126-127

**20 Linear Louvre - Calculation Results**

a

150	370	470	470	370	150
150	370	470	470	370	150

b

50	90	130	150	150	130	90	50
60	110	150	180	180	150	110	60
60	110	150	180	180	150	110	60
50	90	130	150	150	130	90	50

c

30	40	50	60	70	70	60	50	40	30
30	50	60	70	80	80	70	60	50	30
40	50	70	80	90	90	80	70	50	40
40	50	70	80	90	90	80	70	50	40
30	50	60	70	80	80	70	60	50	30
30	40	50	60	70	70	60	50	40	30

d

20	20	30	30	40	40	40	40	30	30	20	20
20	30	30	40	40	50	50	40	40	30	30	20
20	30	40	40	50	50	50	50	40	40	30	20
20	30	40	40	50	50	50	50	40	40	30	20
20	30	40	40	50	50	50	50	40	40	30	20
20	30	30	40	40	50	50	40	40	30	30	20
20	020	30	30	40	40	40	40	30	30	20	20

Values in Lux

**20 Linear Narrow Lens - Calculation Results**

a

470	780	940	940	780	470
470	780	940	940	780	470

b

100	110	130	130	130	130	110	100
260	360	440	490	490	440	360	260
260	360	440	490	490	440	360	260
100	110	130	130	130	130	110	100

c

50	50	50	50	60	60	50	50	50	50
90	100	120	130	140	140	130	120	100	90
150	180	220	250	260	260	250	220	180	150
150	180	220	250	260	260	250	220	180	150
90	100	120	130	140	140	130	120	100	90
50	50	50	50	60	60	50	50	50	50

d

30	30	30	40	40	40	40	40	30	30	30	
40	50	50	50	60	60	60	60	50	50	40	
70	80	90	100	110	110	110	100	90	80	70	
110	120	130	150	160	160	160	160	150	130	120	110
110	12	130	150	160	160	160	160	150	130	120	110
70	80	90	100	110	110	110	100	90	80	70	
40	50	50	50	60	60	60	60	50	50	40	
30	30	30	40	40	40	40	40	30	30	30	

Values in Lux