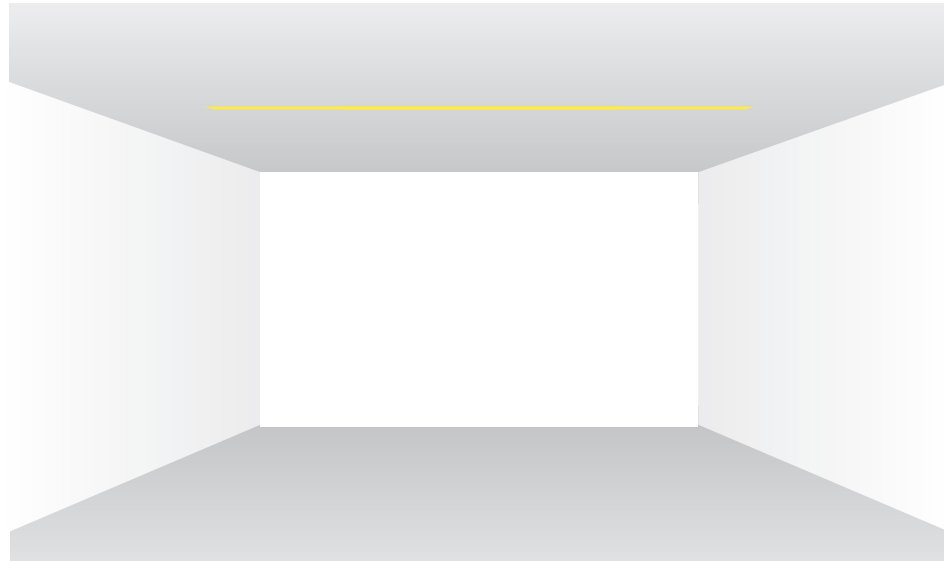


20 Linear Optical Accessory - Performance

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 utilized 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 Louver 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

579lm/ft*

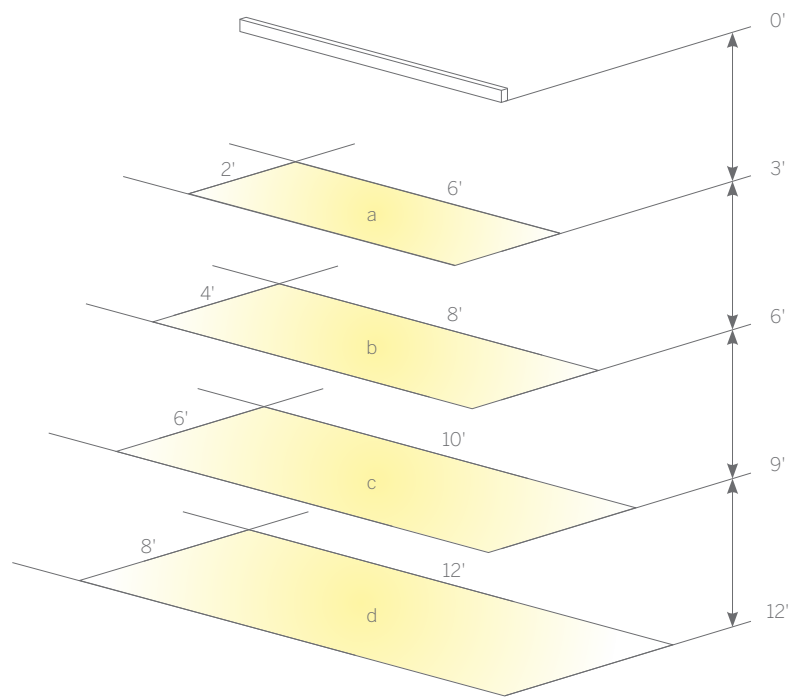
3000 Kelvin

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: 4 ft



See tables on right for values taken at 1' x 1' spacings

20 Linear Louver All Mounting Options

Product Details 126-127

20 Linear Narrow Lens All Trim Options

Product Details 126-127

20 Linear Louver - Calculation Results

a

15	37	47	47	37	15
15	37	47	47	37	15

b

5	9	13	15	15	13	9	5
6	11	15	18	18	15	11	6
6	11	15	18	18	15	11	6
5	9	13	15	15	13	9	5

c

3	4	5	6	7	7	6	5	4	3
3	5	6	7	8	8	7	6	5	3
4	5	7	8	9	9	8	7	5	4
4	5	7	8	9	9	8	7	5	4
3	5	6	7	8	8	7	6	5	3
3	4	5	6	7	7	6	5	4	3

d

2	2	3	3	4	4	4	4	3	3	2	2
2	3	3	4	4	5	5	4	4	3	3	2
2	3	4	4	5	5	5	5	4	4	3	2
2	3	4	4	5	5	5	5	4	4	3	2
2	3	4	4	5	5	5	5	4	4	3	2
2	3	3	4	4	5	5	4	4	3	3	2
2	2	3	3	4	4	4	4	3	3	2	2

Values in Foot Candles

20 Linear Narrow Lens - Calculation Results

a

47	78	94	94	78	47
47	78	94	94	78	47

b

10	11	13	13	13	13	11	10
26	36	44	49	49	44	36	26
26	36	44	49	49	44	36	26
10	11	13	13	13	13	11	10

c

5	5	5	5	6	6	5	5	5	5
9	10	12	13	14	14	13	12	10	9
15	18	22	25	26	26	25	22	18	15
15	18	22	25	26	26	25	22	18	15
9	10	12	13	14	14	13	12	10	9
5	5	5	5	6	6	5	5	5	5

d

3	3	3	4	4	4	4	4	3	3	3	
4	5	5	5	6	6	6	6	5	5	5	4
7	8	9	10	11	11	11	11	10	9	8	7
11	12	13	15	16	16	16	16	15	13	12	11
11	12	13	15	16	16	16	16	15	13	12	11
7	8	9	10	11	11	11	11	10	9	8	7
4	5	5	5	6	6	6	6	5	5	5	4
3	3	3	4	4	4	4	4	3	3	3	

Values in Foot Candles