ACCENT

Input Power: 24 VDC ± 20%

Power Consumption: ≤ 5 Watts (for 8 beams)

Output Circuit: Two PNP NO outputs with 100mA capacity

Operating Temperature: 0 to 55º C

Self Checking Circuit: Self check every 70 milliseconds

Response Time: ≤ 4ms (for 8 beams)

Beam Spacing: 10 mm – Finger Protection
20 mm – Hand Protection
18.3 mm – Option 1
36.6 mm – Option 2

Scanning Distance: Up to 4 meters

Housing: Aluminum extruded structural profile powder coated.
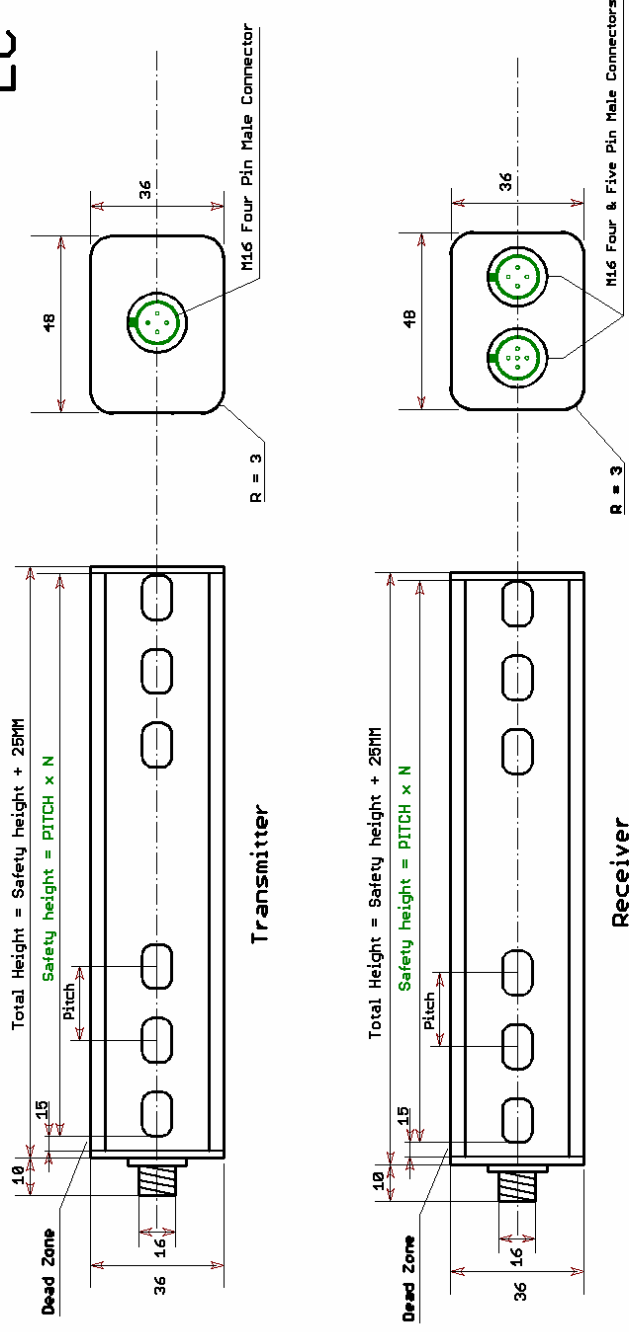
IP Rating: IP 64

Finger Protection (10 mm)

No. Of Beams	Safety Height (mm)	Total Height	Response Time
-	-	-	-
16	150	175	8
24	230	255	12
32	310	335	16
40	390	415	20
48	470	495	24
56	550	575	28
64	630	655	32

Hand Protection (20 mm)

No. Of Beams	Safety Height (mm)	Total Height	Response Time
8	150	175	4
16	310	335	8
24	470	495	12
32	630	655	16
40	790	815	20
48	950	975	24
56	1110	1135	28
64	1270	1295	32

Option 1   (18.3 mm)

No. Of Beams	Safety Height (mm)	Total Height	Response Time
8	128	153	4
16	283	308	8
24	429	454	12
32	576	601	16
40	722	747	20
48	868	893	24
56	1015	1040	28
64	1161	1186	32

Option 2   (36.6 mm)

No. Of Beams	Safety Height (mm)	Total Height	Response Time
8	256	281	4
16	539	564	8
24	832	857	12
32	1125	1150	16
40	1417	1442	20
48	1710	1735	24
56	2003	2028	28
64	2296	2321	32

info@accentsensors.com   **www.accentsensors.com**

ACCENT

LC 8000

Transmitter

M16 Four Pin Male Connector

36
48
R = 3

Total Height = Safety height + 25MM
Safety height = PITCH x N
Pitch
15
10
Dead Zone
36
16

Receiver

M16 Four & Five Pin Male Connectors

36
48
R = 3

Total Height = Safety height + 25MM
Safety height = PITCH x N
Pitch
15
10
Dead Zone
36
16

ALL DMNS IN MM

Pitch = 10mm for Finger protection

Pitch = 20mm for Hand protection

Pitch = 18.3mm for Option 1

Pitch = 36.6mm for Option 2

N - No. of beams

Example: For hand protection pair of 150 mm

the Order Code will be LC 8000-08-20-P

Order Code for Accessories:

Cable Set: LC 8000 ACC 01
Clamp Set: LC 8000 ACC 02
Clamp Set: LC 8000 ACC 03

Order Code: LC 8000 ☐ - ☐ - ☐

No. of Beams
(08 to 64)
Pitch
(10 / 20 / 18 / 36)
Pair/Transmitter/Receiver
(P - Pair/
T - Transmitter/
R - Receiver)

SAFETY LIGHT CURTAIN
email : info@accentsensors.com

ACCENT CONTROLS (P) LTD
www.accentsensors.com