



ILLUMINATION LEVELS

SHOOTING RANGE, GENERAL 300 - 500 LUX
 SHOOTING RANGE, FRING LINE 400 - 600 LUX
 SHOOTING RANGE, TARGET LINES 1000 LUX
 (MULTIPLE TARGET LINES MAY APPLY)

VARIATION IN SYSTEMS

POLICE RANGES:
 LOW LEVEL IS AS IMPORTANT AS HIGH LEVEL, THEREFORE TARGET LIGHTS REQUIRE DIMMER.

SHOOTING SPORTS AND MILITARY SCIENCES:
 DIMMER DESIRED TO MINIMIZE ARGUMENTS ABOUT BEST LIGHT LEVEL, HOWEVER, USUALLY HAVE SEPARATE HIGH VOLTAGE CIRCUITS SWITCHED AT WALL.

COMMERCIAL RANGES:
 IF POLICE AND SECURITY BUSINESS TO BE CONDUCTED, DIMMER IS DESIRED. FOR LOWEST COST, WALL SWITCHED HIGH VOLTAGE CIRCUITS USUALLY PROVIDED.

ALL TYPES:
 1) EMERGENCY LIGHTING ESSENTIAL FOR CLEARING RANGE DURING POWER OUTAGES.
 2) THREE WAY SWITCHING NEEDED TO TURN ON FRING LINE LIGHTS FROM ENTRANCE.

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TYPICAL COMMERCIAL RANGE ELECTRICAL DETAILS

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