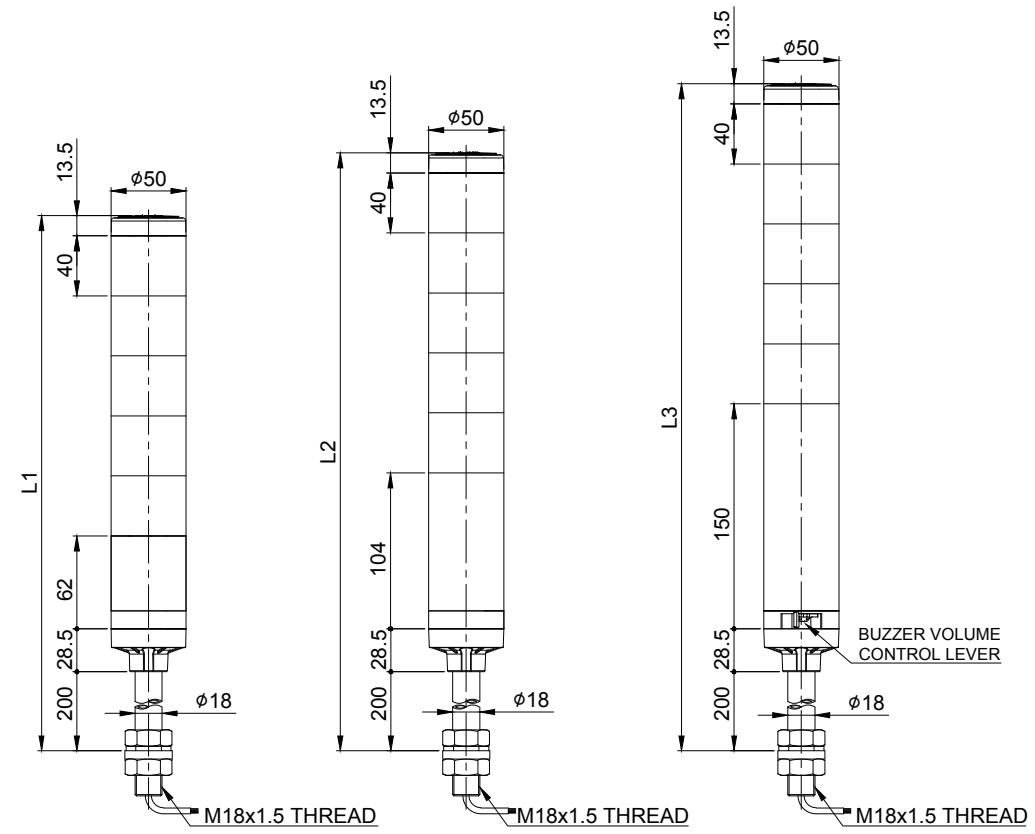


QTR(A)50L : DC  
 QTR(A)50LF : DC  
 QTR(A)50L-BZ : DC

QTR(A)50L : AC  
 QTR(A)50LF-BZ : DC

QTR(A)50LF : AC  
 QTR(A)50L-BZ : AC  
 QTR(A)50LF-BZ : AC



MARK	DATE	REVISION	REVISER	APP. BY
①				
②				
③				

MODEL NO		QTR(A)50L/ L-BZ/ QTR(A)50LF/ LF-BZ		
MATERIAL		HOUSING-ABS LENS-PC PIPE-AL		
COLOR OF LENS		RED( ), AMBER( ), GREEN( ), BLUE( ), WHITE( )		
FLASHES. PER MIN		60 ~ 80		
USE VOLT.	LED	CURRENT	0.5W	MAX. 0.080A/LAYER1 MAX. 0.045A/LAYER1 MAX. 0.045A/LAYER1 MAX. 0.045A/LAYER1
VOLUME		MAX. 85dB at 1m		
PROTECTION GRADE		WATER & DUST PROOF IP65 (BZ TYPE-IP54)		
CABLE ENTRY		φ14 LEAD HOLE		
COLOR OF HOUSING		MAKER STANDARD		
ACTION		LED STEADY / FLASHING LIGHT		

LAYER	L1	L2	L3
1	344	386	432
2	384	426	472
3	424	466	512
4	464	506	552
5	504	546	592

FOR LINEAR DIMENSIONS	ISO2768-1 : CLASS OF TOLERANCE					SURFACE FINISH
	f	m	(C)	v		
0.5~3	±0.05	±0.1	±0.2	-		
3~6			±0.3	±0.5		
6~30	±0.1	±0.2	±0.5	±1		
30~120	±0.15	±0.3	±0.8	±1.5		
120~400	±0.2	±0.5	±1.2	±2.5		
400~1000	±0.3	±0.8	±2	±4		
FOR ANGULAR DIMENSIONS	0~10	±1°	±1°30'	±3°		
	10~50	±0°30'	±1°	±2°		
	50~120	±0°20'	±0°30'	±1°		
	120~400	±0°10'	±0°13'	±0°30'		

Nr.	DWG. NO.	TITLE/ NAME		MAT'L	QTY	REFERENCE
DSND BY	CHKD BY	CHKD BY	APRV BY	VIEW	DATE	
S.H.KIM	J.H.PARK		J.K.HAN	3	2016.08.30	
TITLE			MODEL			
QTR50L SERIES OUTLINE DRAWING			QTR50L SERIES			
			DWG. NO.			
			QTR50L SERIES_OUT			
SCALE	SIZE	REV	SHEET			
N/S	A4	00	1/1			