



MARK	DATE	REVISION	REVISER	APP. BY
①				
②				
③				

MODEL NO		QTR70L-IOL			
MATERIAL		HOUSING-ABS			
		LENS-PC			
COLOR OF LENS		RED(), AMBER(), GREEN(), BLUE(), WHITE()			
FLASHES. PER MIN		60 ~ 80			
USE VOLT.	LED	CURRENT	DC24V	0.5W	0.070A/ LAYER1
VOLUME		HBZ	MAX. 100dB at 1m		
		WBZ	MAX. 85dB at 1m		
PROTECTION GRADE		WATER & DUST PROOF IP65 (HBZ - Non-Waterproof)			
CABLE ENTRY		M12 CONNECTOR			
COLOR OF HOUSING		MAKER STANDARD			
ACTION		LED STEADY / FLASHING LIGHT			
COMMUNICATION		IO-Link			

LAYER	L1	L2	L3
1	175	213	212
2	225	263	262
3	275	313	312
4	325	363	362
5	375	-	-

ISO2768-1 : CLASS OF TOLERANCE					
FOR LINEAR DIMENSIONS		f	m	⊙	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'

SURFACE FINISH

Nr.	DWG. NO.	TITLE / NAME	MAT'L	1	REFERENCE
DSND BY	CHKD BY	CHKD BY	APRV BY	VIEW	DATE
J.I.BAE	J.Y.KIM		J.K.HAN	3	2025.04.22
TITLE			MODEL		
QTR70L-IOL OUTLINE DRAWING			QTR70L-IOL		
DWG. NO.			QTR70L-IOL_OUT		
SCALE	SIZE	REV	SHEET		
N/S	A4	00	1/1		

