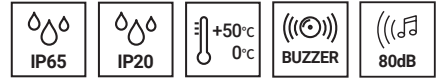


Ø50mm Multiple Color Programmable LED Tower Light with IO-Link Technology

QDT50L-IOL



PRODUCT SPECIFICATION

QDT50L-IOL

Materials Housing-Al, Lens-PC
Ambient operating temperature 0°C to +50°C
Volume Max. 80dB at 50cm
Protection rating
 Standard type-IP65, Built-in buzzer type-IP20

- State-of-the-art multi colored LED Signal Tower Light with IO-Link technology
- Signaling device optimized for Industry 4.0
- Plug & play technology applied for immediate operation when mounted on an international standard M12 connector
- 8 types of preset color modes and user-defined settings
- Optional 80dB built-in buzzer available
- Convenient environment setting possible via IO-Link
- IO-Link Version: V1.1
- Data Transmission Rate: 38,400 bps (COM2)



QDT50L

QDT50L-IOL Multi-Segment IOL Signal Columns

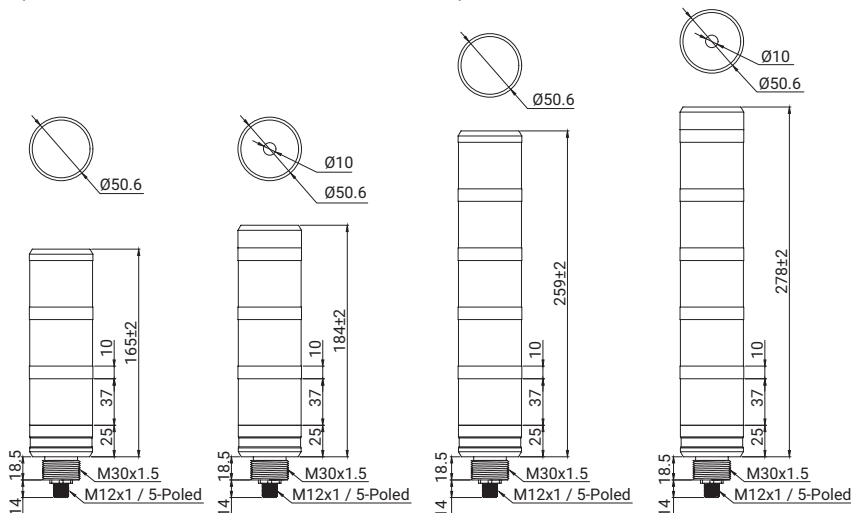
Model number	Layers	Voltage	Certificates	Weight	Color
QDT50L-IOL Standard	3	DC24V	IO-Link CE UK CA	0.27kg	● R-Red
QDT50L-IOL-BZ Buzzer type	5			0.31kg	● G-Green
				0.35kg	● Y-Yellow
				0.39kg	● B-Blue
					○ W-White
					● O-Orange
					● P-Pink
					● Custom

Technical Diagram

Units: mm

·QDT50L-IOL-3
 ·QDT50L-IOL-BZ-3

·QDT50L-IOL-5
 ·QDT50L-IOL-BZ-5



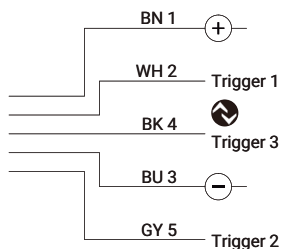
Mounting bracket & Pole

QZ30	QZ302	LB35	R25	PE35-100 PE35-400
Aluminum	Aluminum	Stainless Steel	Aluminum	Aluminum

QDT50L-IOL

Wiring Instructions

- QDT50L-IOL
- QDT50L-IOL-BZ



- Legend
- >RT< = flashing red slowly
 - >>RT<< = rapidly flashing red
 - >BUZ< = Buzzer intermittent (1Hz)
 - >>BUZ<< = Buzzer intermittent (2.5Hz)

All Trigger Input have a delay ~50 ms
Pre-sets can be defined via IO-Link.

3 Layers

TRIG 1	TRIG 2	TRIG 3	Pre-set	Factory setting (Layer 1 / Layer 2 / Layer 3 / Buz)					
				Var. 3			Var.BZ-3		
0	0	0	1	--	--	--	--	--	--
1	0	0	2	--	--	RT	--	--	RT
0	1	0	3	GN	--	--	GN	--	--
1	1	0	4	--	YE	--	--	YE	--
0	0	1	5	BU	--	--	BU	--	--
1	0	1	6	WH	--	--	WH	--	--
0	1	1	7	--	--	>RT<	--	--	>RT< >BUZ<
1	1	1	8	--	--	>>RT<<	--	--	>>RT<< >>BUZ<<

5 Layers

TRIG 1	TRIG 2	TRIG 3	Pre-set	Factory setting (Layer 1 / Layer 2 / Layer 3 / Layer 4 / Buz)										
				Var. 5					Var.BZ-5					
0	0	0	1	--	--	--	--	--	--	--	--	--	--	--
1	0	0	2	--	--	--	--	RT	--	--	--	--	RT	--
0	1	0	3	--	--	GN	--	--	--	--	GN	--	--	--
1	1	0	4	--	--	--	YE	--	--	--	--	YE	--	--
0	0	1	5	--	BU	--	--	--	--	BU	--	--	--	--
1	0	1	6	WH	--	--	--	--	WH	--	--	--	--	--
0	1	1	7	--	--	--	--	>RT<	--	--	--	--	>RT<	>BUZ<
1	1	1	8	--	--	--	--	>>RT<<	--	--	--	--	>>RT<<	>>BUZ<<

Signal Color Options



Ordering Specification

QDT50L-IOL	-	3	-	24
[Model number] QDT50L-IOL QDT50L-IOL-BZ		[Layers] 3-3 Layers 5-5 Layers		[Voltage] 24-DC24V