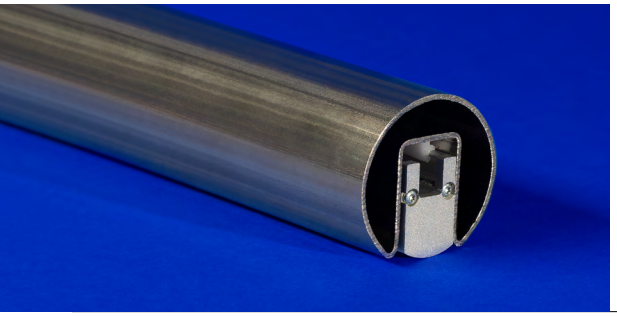
Q-WAY-SYMMETRICAL (01)

Handrail Lighting



- Symmetrical handrail lighting for use in 1.5" and 1.9" handrails
- Lens options in rigid or flexible, flat or curved
- Available in Static White, Static White High Efficacy, Dynamic White, Dynamic White High Efficacy, RGB
- Built-in wireway compartment under mounting tray

Part Number Builder

Static White

1-BIN 1-STEP · RoHS COMPLIANT · 5 YEAR WARRANTY · c UL us LISTED

Product	W/FT	CCT	Rated	Lens 1	Lens 2	Lens 3	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Mounting	Length* (in)
Q-WAY-01-SYM-SW											
Voltage: 24 VDC	1.5 3.0 4.0 5.0 6.0	20 22 24 27 30 35 40	DRY (IP20)	RIGID	FLAT	CL FR PR DF	S2 Single (Closed exit)	BW MZO6	CLS	1.5 1.9	
				RIGID	CURVED	PR DF	P2 Pass through	BW MZO6	BW MZO6		
	1.5 3.0 4.0 5.0	20 22 24 27 30 35 40	WET (IP67)	FLEX	CURVED	DF					

*Available in 1" increments for 1.5W/ft - 5.0W/ft and 2" increments for 6.0W/ft. Tolerance +0.0"/-0.5.

Static White High Efficacy

1-BIN 1-STEP · RoHS COMPLIANT · 5 YEAR WARRANTY · c UL us LISTED

Product	W/FT	CCT	Rated	Lens 1	Lens 2	Lens 3	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Mounting	Length* (in)
Q-WAY-01-SYM-SW			DRY								
Voltage: 24 VDC	1.5HE 3.0HE 6.0HE 9.0HE	20 22 24 27 30 35 40	DRY (IP20)	RIGID	FLAT	CL FR PR DF	S2 Single (Closed exit)	BW MZO6	CLS	1.5 1.9	
				RIGID	CURVED	PR DF	P2 Pass through	BW MZO6	BW MZO6		
				FLEX	CURVED	DF					

*Available in 2" increments. Tolerance +0.0"/-0.5.

- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **One Step, One Bin** based on 5W/ft

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies

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Q-WAY-SYMMETRICAL (01)

Handrail Lighting

Dynamic White

Product	W/FT	CCT	Rated	Lens 1	Lens 2	Lens 3	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Mounting	Length* (in)
Q-WAY-01-SYM-DW	6.0										
Voltage: 24 VDC	6.0	20/27 20/30	DRY (IP20) WET (IP67)	RIGID	FLAT	CL FR PR DF	S2 Single (Closed exit)	BW MZO6	CLS	1.5 1.9	
				RIGID	CURVED	PR DF	P2 Pass through	BW MZO6	BW MZO6		
				FLEX	CURVED	DF					

*Available in 2" increments. Tolerance +0.0"/-0.5.

Dynamic White High Efficacy

Product	W/FT	CCT	Rated	Lens 1	Lens 2	Lens 3	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Mounting	Length* (in)
Q-WAY-01-SYM-DW											
Voltage: 24 VDC	3.0HE 5.0HE 8.0HE	20/27 20/30 27/40 27/55	DRY (IP20)	RIGID	FLAT	CL FR PR DF	S2 Single (Closed exit)	BW MZO6	CLS	1.5 1.9	
	3.0HE 5.0HE	20/27 20/30 27/40 27/55	WET (IP67)	RIGID	CURVED	PR DF	P2 Pass through	BW MZO6	BW MZO6		
				FLEX	CURVED	DF					

*Available in 2" increments. Tolerance +0.0"/-0.5.

RGB

Product	W/FT	CCT	Rated	Lens 1	Lens 2	Lens 3	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Mounting	Length* (in)
Q-WAY-01-SYM-RGB	6.0	RGB	DRY					BW			
Voltage: 24 VDC	6.0	RGB	DRY (IP20)	RIGID	FLAT	CL FR PR DF	S2 Single (Closed exit)	BW	CLS	1.5 1.9	
				RIGID	CURVED	PR DF	P2 Pass through	BW	BW		
				FLEX	CURVED	DF					

*Available in 2" increments. Tolerance +0.0"/-0.5.

- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies

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Q-WAY-SYMMETRICAL (01)

Handrail Lighting

Technical Information Delivered lumens

See photometric files for complete details.

Static White [Calculated L70 = 70000 hrs]

Tested with Q-WAY-01-SYM-SW-**-30-DRY

	1.5W/FT		3.0W/FT		4.0W/FT		5.0W/FT		6.0W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
RIGID-FLAT-CL	119	98	220	98	265	98	330	98	365	98
RIGID-FLAT-FR	110	98	204	98	241	98	300	98	336	98
RIGID-FLAT-PR	91	97	167	98	198	98	243	98	282	98
RIGID-FLAT-DF	78	97	144	98	171	98	210	98	242	98
RIGID-CURVED-PR	87	97	161	97	190	98	226	98	271	98
RIGID-CURVED-DF	75	97	140	97	165	97	201	97	235	98
FLEX-CURVED-DF	81	98	150	98	177	98	223	98	250	98

Static White High Efficacy

[Calculated L70 = 70000 hrs]

Tested with Q-WAY-01-SYM-SW-**-30-DRY

	1.5HE W/FT		3.0HE W/FT		6.0HE W/FT		9.0HE W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
RIGID-FLAT-CL	154	98	279	96	585	98	854	98
RIGID-FLAT-FR	139	98	247	96	534	98	758	98
RIGID-FLAT-PR	114	97	208	96	434	98	630	98
RIGID-FLAT-DF	99	97	182	95	374	98	546	98
RIGID-CURVED-PR	111	97	204	96	416	98	616	98
RIGID-CURVED-DF	96	97	177	95	362	98	536	98
FLEX-CURVED-DF	102	98	192	97	381	98	562	98

Dynamic White

[Calculated L70 = 70000 hrs]

Tested with Q-WAY-01-SYM-DW-6.0-**-DRY

	2000K		2700K		3000K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
RIGID-FLAT-CL	166	93	186	97	195	98
RIGID-FLAT-FR	152	93	164	96	180	98
RIGID-FLAT-PR	124	94	136	96	147	98
RIGID-FLAT-DF	108	94	119	96	127	98
RIGID-CURVED-PR	120	94	133	96	142	97
RIGID-CURVED-DF	104	94	114	96	123	98
FLEX-CURVED-DF	107	91	124	97	132	98

Dynamic White High Efficacy

[Calculated L70 = 70000 hrs]

Tested with Q-WAY-01-SYM-DW-5.0HE-**-DRY

	2000K		2700K		3000K		4000K		5500K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
RIGID-FLAT-CL	187	93	207	98	218	98	222	97	235	97
RIGID-FLAT-FR	165	93	184	98	193	98	197	97	209	97
RIGID-FLAT-PR	139	93	156	97	162	98	170	97	179	97
RIGID-FLAT-DF	120	93	137	97	140	98	147	97	155	97
RIGID-CURVED-PR	134	93	152	97	155	98	165	97	173	97
RIGID-CURVED-DF	115	94	131	97	135	98	142	97	150	97
FLEX-CURVED-DF	126	92	142	98	146	98	154	97	157	97

RGB [Calculated L70 = 55000 hrs]

Tested with Q-WAY-01-SYM-RGB-6.0-RGB-DRY

	Red		Green		Blue	
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength
RIGID-FLAT-CL	50	630	146	522	47	469
RIGID-FLAT-FR	46	631	132	522	42	469
RIGID-FLAT-PR	39	630	111	521	36	469
RIGID-FLAT-DF	34	630	96	522	29	469
RIGID-CURVED-PR	38	630	106	522	33	468
RIGID-CURVED-DF	31	630	91	521	29	469
FLEX-CURVED-DF	38	631	99	523	29	467

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Q-WAY-SYMMETRICAL (01)

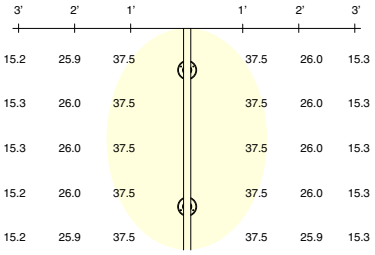
Handrail Lighting

Thermal Data

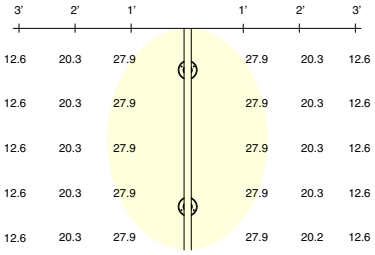
DRY	
Light Engine	Max. Ambient F
SW 1.5	165
SW-HE 1.5	170
SW 3.0	150
SW-HE 3.0	160
SW 4.0	145
SW 5.0	140
SW 6.0	130
SW-HE 6.0	140
SW-HE 9.0	105
DW 6.0	145
DW-HE 3.0	155
DW-HE 5.0	135
DW-HE 8.0	130
RGB	115

WET	
Light Engine	Max. Ambient F
SW 1.5	155
SW 3.0	135
SW 4.0	130
SW 5.0	125
DW 6.0	125
DW-HE 3.0	140
DW-HE 5.0	110

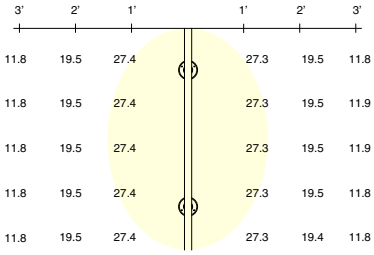
Photometric Distribution



Lens: Rigid | Flat | Diffused
LED: SW-HE24/3.0-DRY-30
CCT: 3000K
Illuminated Rail Length: 36"
Rail Height: 36"
Post Spacing: 36"



Lens: Rigid | Curved | Diffused
LED: SW-HE24/3.0-DRY-30
CCT: 3000K
Illuminated Rail Length: 36"
Rail Height: 36"
Post Spacing: 36"



Lens: Flexible | Curved | Diffused
LED: SW-HE24/3.0-DRY-30
CCT: 3000K
Illuminated Rail Length: 36"
Rail Height: 36"
Post Spacing: 36"

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Q-WAY-SYMMETRICAL (01)

Handrail Lighting

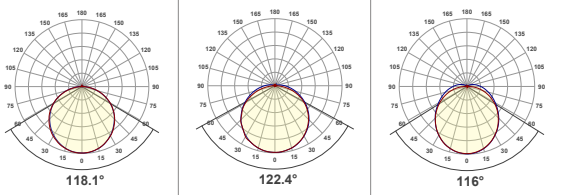
Lens

with LED visibility

CL	FR	PR	DF
Clear	Frosted	Polar	Diffused

Beam Angle:

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see IES PDF file.



Rigid Flat | DF	Rigid Curved | DF	Flexible Curved

Tested with 1.5W/ft DRY 3000K

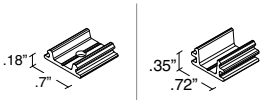
Input/Output

SINGLE (Input only)	PASS THROUGH (Input/Output)	
S2	**P2**	
Bottom Feed	Bottom Feed	ORDER EXAMPLE

Connector/Wire – In/Out

BW	MZO6
.15" Indoor .11" Outdoor Bare Wire 36"	.99" .29" .32" .65" .28" .32" MIZU Connector 6"

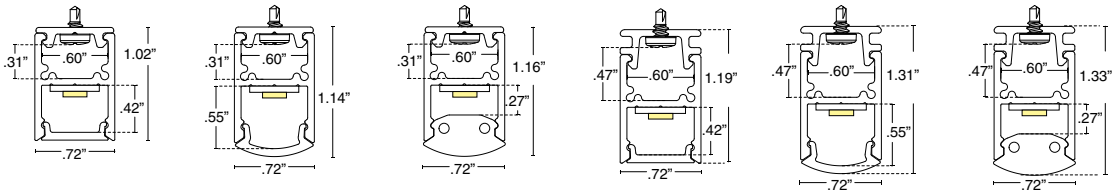
Mounting



Clip for 1.5" handrail (PLC-04)

Clip for 1.9" handrail (PLC-05)

Dimensions - Fixture



Rigid flat lens for 1.5" handrail

Rigid curved lens for 1.5" handrail

Flexible curved lens for 1.5" handrail

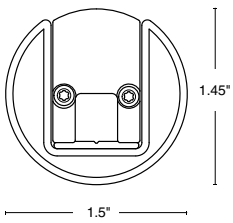
Rigid flat lens for 1.9" handrail

Rigid curved lens for 1.9" handrail

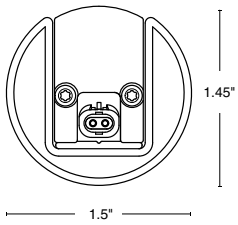
Flexible curved lens for 1.9" handrail

Dimensions - Fixture with handrail

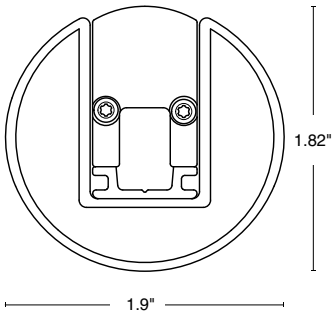
Handrail is for illustrative purposes. Q-Tran supplies light fixture only.



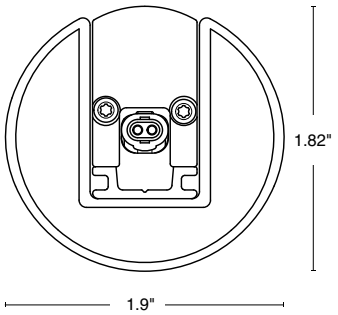
Profile with curved lens in 1.5" handrail



Profile with curved lens and connector in 1.5" handrail



Profile with curved lens in 1.9" handrail



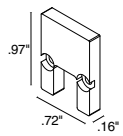
Profile with curved lens and connector in 1.9" handrail

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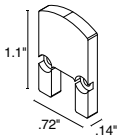
Q-WAY-SYMMETRICAL (01)

Handrail Lighting

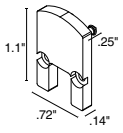
End Caps



Rigid | Flat
QWAY-01-FLAT-EC-ST



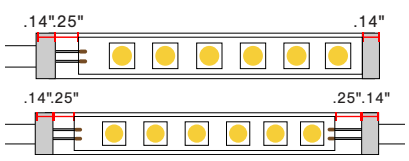
Rigid | Curved
QWAY-01-ARC-EC-ST

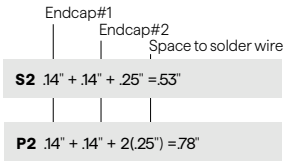


Flexible | Curved
QWAY-01-FLEX-EC-ST

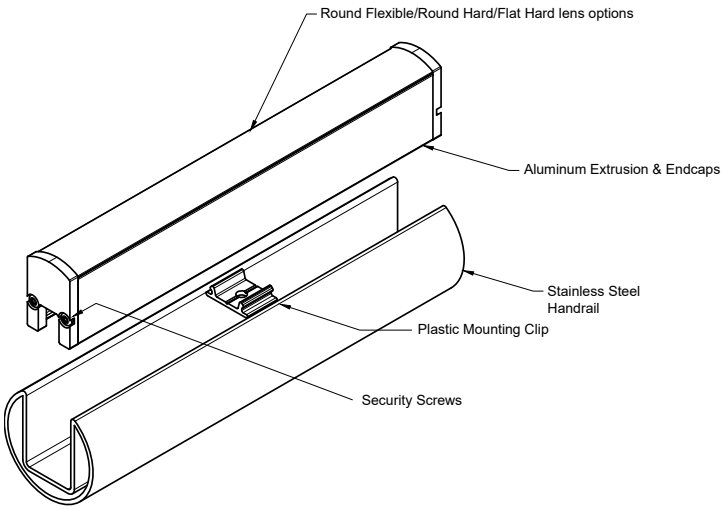
Light Engine Spacing Detail

Add to nominal LED length for fixture length

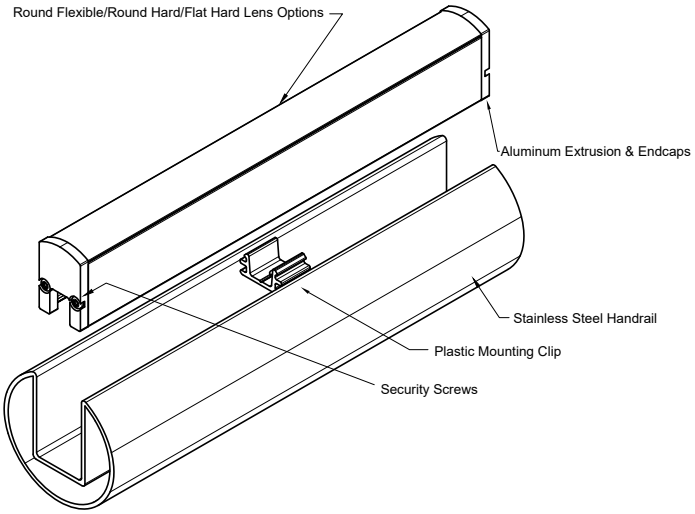




Assembly

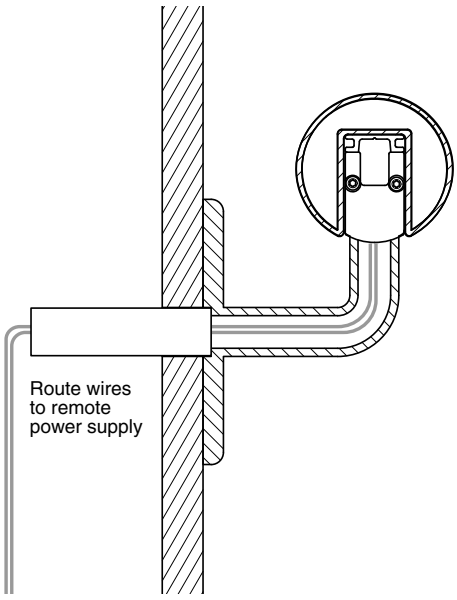


1.5"

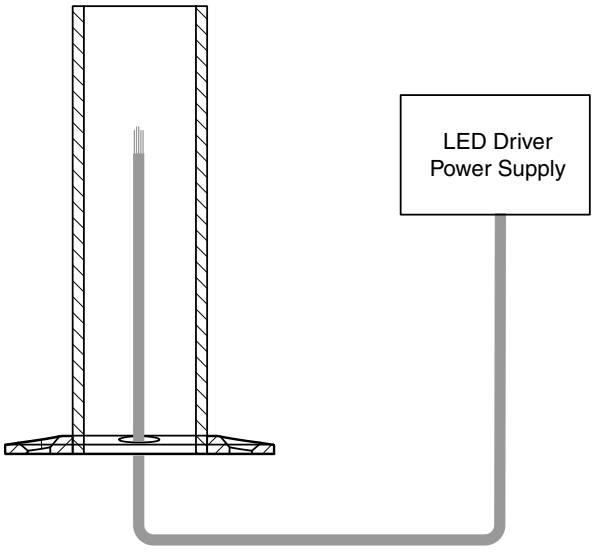


1.9"

Wall Mount



Post Mount



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Specification subject to change. Rev-02-26-26