

The QSSI UK TV3EC3 luminaire is available in two wattages designed to replace HID lighting systems up to 400w MH or HPS. Typical applications include general area, parking, flood, security, and accent lighting for retail centres, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting can be accomplished using ground attachment accessories and up to heights of 6 metres based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die cast gasketed aluminium housing, includes cast-in box template and built-in level. white reflector. Nickel-plated stainless steel hardware.

Listing & Ratings:

CE: Listed for wet locations, ANSI/UL 1598, 8750; IP66 sealed LED compartment.

Finish:

Black (close to RAL 9005) powdercoat finish over a chromate conversion coating. Custom colours available upon request.

Lens:

Tempered clear flat glass lens

Mounting Options:

Mount directly over a BESA or 100mm back box or use 20mm surface mount conduit. Adjustable yoke, field installed.

COB LED:

QSSI Cool Copper COB

Wattage:

60w COB model: 56w (250w HID equivalent)
80w COB model: 80w (400w HID equivalent)

Driver:

CE Certified Driver

Controls:

Fixtures ordered with factory-installed photocell or motion sensor controls are internally wired for switching and/or 1-10V dimming within the housing. Remote direct wired interface of 1-10V dimming is not implied and may not be available, please consult factory. Fixtures are tested with QSSI UK controls and may not function properly with controls supplied by others. Fixtures are NOT designed for use with line voltage dimmers.

Warranty:

5-year Warranty for -40°C to +50°C environment.

See page 2 for Projected Lumen Maintenance Table.

TV3EC3

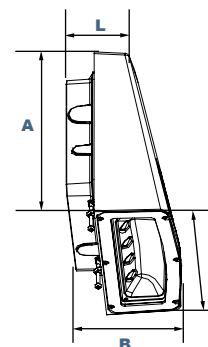
L70
25°C

77,000 Hours

Large LED Traverse Wall Accent and Flood Light



Shown with "Y" Yoke installed.



Dimensions

Width (D)	248mm
Length (B)	286mm
Height (A)	156mm
Height with Yoke Mount (L)	271mm

Order Information Example:

TV3EC34X20U41KBYEM

TV3EC3		U	41K			
Model	Wattage	Driver	CCT	Colour	Mounting	Options
TV3EC3 =Large LED Traverse Wall and Flood Light	4X15 =60w, Type III, 105°H x 90°V 4X20 =80w, Type III, 100°H x 80°V	U =CE Certified Driver	41K =4100K	B =Black C =Custom (Consult Factory)	Y =Yoke (Field Installed) (None) =Wall Mount	P =Photocell, 120-277VAC EM =3 Hour Emergency Battery Backup (60w only)

Certification & Listings:



Specifications subject to change without notice. Rev. 021120

The Old Airfield • High Ercall, Telford
Shropshire TF6 6AP • Phone: 01952-770-382

For more information visit our website at www.qssi.com or email customerserviceuk@qssi.com



6 LOCATIONS
Tampa, FL
Vancouver, WA
Cerritos, CA
Walden, NY
Memphis, TN
Telford, U.K.

TV3EC3

L70
25°C

77,000 Hours

Large LED Traverse Wall Accent and Flood Light



Replacement Parts:



P18103



TV3YB
(Shown mounted)

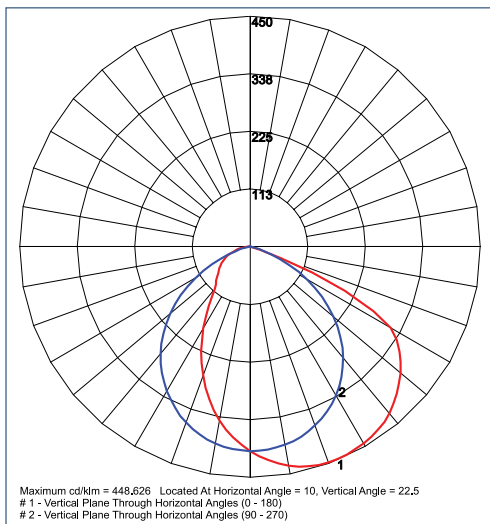
Replacement Parts (Order separately, field installed)

P18103 Button Photocell, 120-277VAC

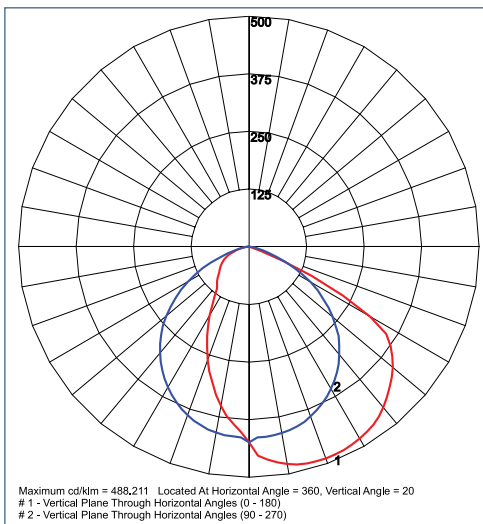
TV3YB Stamped heavy-duty steel yoke, black powdercoat finish, includes hardware.

Contact factory for replacement Battery Backup.

Photometric Data



TV3EC34X15U41K



TV3EC34X20U41K

Photometric Performance

Variant	Drive Current (mA)	Wattage	Optics	4100 CCT 80 CRI	
				Lumen Output	Llm/cW
COB LED 60w	525	56	Type III, 105°H x 90°V	6,508	116
COB LED 80w	525	80	Type III, 100°H x 80°V	8,212	103

Projected Lumen Maintenance

Data shown for 4100 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	56	1.00	0.91	0.83	0.65	86,000
L70 Lumen Maintenance @ 25°C / 77°F	80	1.00	0.90	0.81	0.61	77,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	56	1.00	0.89	0.78	0.56	68,000
L70 Lumen Maintenance @ 50°C / 122°F	80	1.00	0.87	0.73	0.46	56,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	56	1.00	0.89	0.79	0.57	47,000
L80 Lumen Maintenance @ 40°C / 104°F	80	1.00	0.88	0.77	0.53	43,000

NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

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Rev. 021120

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