

TSR SERIES

OUTDOOR LIGHTING

MCT

TSR-IP66-80D-3FT-MCT5-D-BK
 TSR-IP66-80D-3FT-MCT5-D-WH



Technical Drawing: 1.97" (D) x 39.37" (W) x 5.79" (H)

DESCRIPTION:

- Architectural IP66-rated LED sign light / wall-mounted tubular luminaire
- Designed for exterior sign illumination, facade washing, and architectural accent lighting
- Rotatable light tube with dual adjustable mounting arms for precise aiming
- Modular system allows continuous linear runs using inline coupling accessories
- Suitable for wet locations and harsh outdoor environments

APPLICATIONS:

- Exterior sign illumination
- Channel letters and cabinet signs
- Architectural facade washing
- Wayfinding signage
- Retail storefronts
- Hospitality and mixed-use buildings

Customer Name: _____

Project Name: _____

Note: _____

Type: _____

FEATURES:

- Light Source: Integrated high-output LED module
- Dimming Wires: Factory-installed purple and gray leads
- Not intended for phase-cut dimming

SPECIFICATIONS:

ELECTRICAL:

- Input Voltage: 120-277VAC, 50/60Hz
- Power Factor: ≥ 0.90
- Wattage: 20W
- Total Harmonic Distortion: $< 20\%$
- Luminous Efficacy: Up to ~ 130 lm/W
- Driver Type: Constant current, isolated
- Inrush Current: Low inrush design suitable for multiple fixtures on a circuit
- Class: Class I luminaire

MECHANICAL:

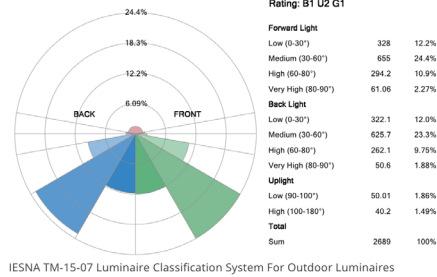
- Housing Material: Extruded aluminum body
- Finish: Polyester powder coat, corrosion-resistant
- Standard Colors: White, Black
- Mounting Arms: Dual arms with locking gripper system
- Rotation Locking: Mechanical locking once aimed
- Wall mount standard using surface canopy
- Ceiling mount capable using mounting base plate
- Dual-arm mounting provides stability for longer runs
- Field-adjustable tilt and rotation without opening the optical chamber
- Compatible with extension arm accessories for increased stand-off from wall or sign face
- Gasketed construction to prevent water and dust ingress
- IP Rating: IP66
- Suitable for Wet locations

LIGHTING:

- Dimmable: 0 ~ 10V Dimming
- Total Lumens: 1860LM
- Color Temperature: 3000K/3500K/4000K/5000K
- Multi-CCT (Selectable Switch Inside Fixture)
- Up Light Option Available
- Color Rendering Index: ≥ 80
- Beam Angle:
 - 80° beam for close and medium throw
- Ambient Operating Temperature: -22°F to 122°F (-30°C to 50°C)
- Rated Life: 50,000 hrs
- 5-Year Warranty

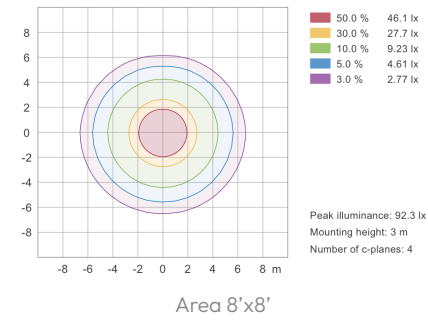
PHOTOMETRICS

BUG rating



BUG Rating: B1-U2-G1

Iso-illuminance plot



PERFORMANCE TABLE

MODEL NO.	WATTAGE	VOLTAGE	LUMENS	COLOR TEMP.	BUG RATING	LPW
TSR-IP66-80D-3FT-MCT5-D-WH TSR-IP66-80D-3FT-MCT5-D-BK	20W	120-277V	1860LM	2700K 3000K 3000K 4000K 5000K	B2-U3-G1	93

ACCESSORIES

MODEL NO.	DESCRIPTION	IMAGE
TSR-IP66-ERK-WH TSR-IP66-ERK-BK	TSR Sign Light 12in Extension Rod Kit WH/BK	
TSR-IP66-COUP-WH TSR-IP66-COUP-BK	TSR Sign Light Inline Coupling With Incl. Rod Kit WH/BK	 

