



Client:	
Order #	
Project:	
Type:	

DESCRIPTION

The RCH series is a functional and multi-purpose channel family that incorporates premium performance and construction durability. The performance and application versatility makes this fixture usable in every application. This fixture can be installed using various mounting methods and numerous options and accessories are available. The RCH series can be the illumination solution in commercial, industrial, institutional and retail applications. An excellent choice for storage/utility areas, coves, display cases, shops, task and general area lighting.

FEATURES

- Selectable Wattage and CCT gives three light output and three CCT options reducing SKUs and making project ordering and logistics easier.
- OPTICS: Architectural frosted diffuse lens eliminates pixelation, improves uniformity and minimizes glare.
- Three types of lens for cosmetic options: low-profile round, round, squared right angle.
- Individual luminous and power supply configuration design leads to easy installation.

CONSTRUCTION & ELECTRICAL

- Die formed channel.
- RoHS Compliant with minimal Mercury.
- Weight: 2ft: 2.6lbs, 4ft: 4.4lbs, 8ft: 8.6lbs
- Low Flicker with Standard 0-10V Dimming
- Standard 120-277VAC Input Voltage
- Power Factor ≥ 0.9
- THD ≤ 20%

PERFORMANCE DATA

EFFICACY

160 Lumens per Watt (LPW)

CCT/CRI

3500K, 4000K or 5000K, 80+ CRI

RATED LIFE

>173,000 Hours (L70)
>50,000 Hours (L90)

LUMEN OUTPUT

Lumen Output Ranges from 2,400 to 12,000 Lumens

OPERATING TEMPS

-20°C to 50°C (- 4°F - 122°F) Ambient

WARRANTY

5 year Standard
10 Year Extended
10 Year Extended with Labor

ORDERING INFORMATION

RCH / **HE** / **8** / **75WS** / **CS** / **LPR** / **UNV** / **12A** / **WH** / **SRB** / _____ / _____
SERIES EFFICACY SIZE WATTAGE CCT Lens VOLTAGE DRIVER FEATURES FINISH CONTROLS EMERG. BATT. WARRANTY

FIXTURE SERIES	
RCH	LED Architectural LED Channel
EFFICACY	
HE	High Efficacy (160 LPW)
STD	Standard Efficacy (130 LPW)
SIZE	
2	2ft Nominal Size
4	4ft Nominal Size
8	8ft Nominal Size
WATTAGE*	
20WS	15W, 18W, 20W Select. (2,400 - 3,200 lm)(HE)(2ft)
35WS	25W, 30W, 35W Select. (4,000 - 5,600 lm)(HE)(4ft)
75WS	45W, 60W, 75W Select. (7,200 - 12,000 lm)(HE)(8ft)

CCT	
CS	80+ CRI, 35K, 40K, 50K CCT Select.
LENS	
LPR	Low Profile Round Lens
RL	Round Lens
SQL	Squared Right Angle Lens
VOLTAGE	
UNV	Universal 120-277VAC
DRIVER FEATURES	
10V	0-10V Dimming
12A	12V Aux Power & 0-10V Dimming
FINISH	
WH	White Finish

CONTROLS	
SRB	Sensor Ready Plug'n'Play Bracket
MDLP	Motion PIR Occ. & Daylight Harv., Plug'n'Play
MDLPBA	Motion PIR Occ. & Daylight Harv., Plug'n'Play, Bluetooth App
EMERGENCY BATT. BACKUP	
EM8	8 Watt (900 lm) 90 Min. Emerg. Batt. (35WS only)
EM15	15 Watt (1500 lm) 90 Min. Emerg. Batt. (35WS and 75WS only)
WARRANTY	
-	5 Year Warranty (Standard)
10Y	10 Year Warranty
10YL	10 Year Warranty with Labor

*Delivered Lumens based on 4000K

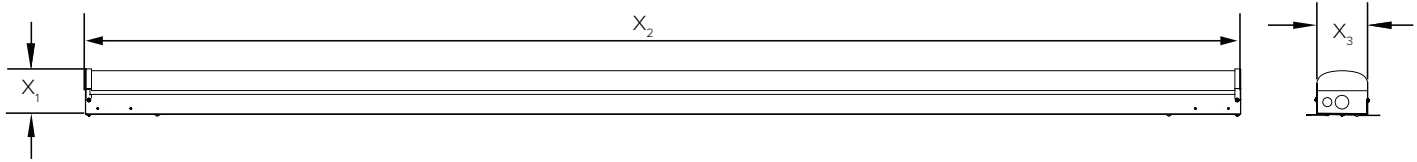
PHOTOMETRIC DATA

MODEL NUMBER	INPUT WATTAGES	LUMEN OUTPUTS*	EFFICACY
RCH/HE/2/20WS	15W / 18W / 20W	2,400 / 2,880 / 3,200	≥160 LPW
RCH/HE/4/35WS	25W / 30W / 35W	4,000 / 4,800 / 5,600	≥160 LPW
RCH/HE/8/75WS	45W / 60W / 75W	7,200 / 9,600 / 12,000	≥160 LPW

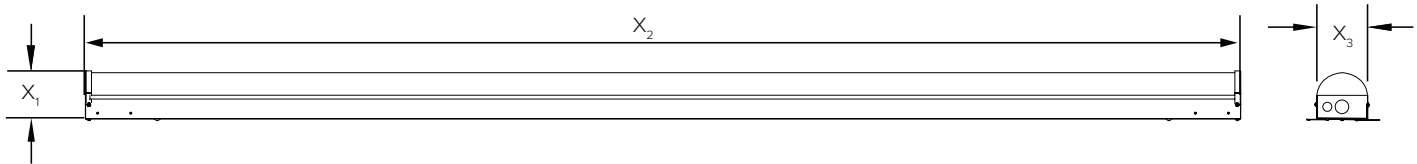
*Lumen Outputs based on 4000K/5000K

DIMENSIONS

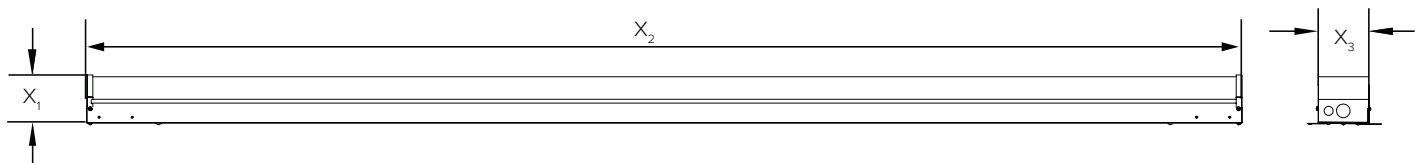
LPR	X ₁	X ₂	X ₃
2'	2.5"	22.2"	2.8"
4'	2.5"	47.3"	2.8"
8'	2.5"	94.2"	2.8"



RL	X ₁	X ₂	X ₃
2'	3.1"	22.2"	2.8"
4'	3.1"	47.3"	2.8"
8'	3.1"	94.2"	2.8"



SQL	X ₁	X ₂	X ₃
2'	3.1"	22.2"	2.8"
4'	3.1"	47.3"	2.8"
8'	3.1"	94.2"	2.8"



SENSOR READY PLUG'N'PLAY BRACKET

