



Energy Efficiency Project - Customer Narrative

Date: February 5, 2020

Re: Energy Project CT19-1277137

Name: Chester Elementary School

23 Ridge Road, Chester, CT 06412

Earthlight provides our customers with the best solutions possible for their energy efficiency needs. We review all measures, optimizing savings and performance. Below are our recommendations based on our professional audit team, project developers, and project managers. These recommendations may vary from your original concept based on several factors such as savings, availability, and performance. If you have any questions, please don't hesitate to contact your sales representative.

This project qualifies for the Eversource Small Business Energy Advantage program.

- This project includes new LED retrofit lighting. Existing fluorescent fixtures will be updated with new LED lamps and drivers. Ceiling mounted fixtures will be replaced with new LED fixtures. Ceiling and wall mounted occupancy sensors will be installed where noted for added savings and utility incentive.
- The gym fixtures will be replaced with new LED High bays for superior lighting and savings.
- These improvements will generate savings, less maintenance, and reliability to your facility in the coming future.

Earthlight Technologies, LLC
92 West Rd
Ellington, CT 06029

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Chester Elementary School Prelim

23 Ridge Rd Chester, CT 06412

Feb. 5, 2020



Prepared for

Richard Holloway
(860) 510-3076

Prepared by

Rob Ferrigno
Earthlight Technologies LLC
92 West Road
Ellington, CT 06029
(860) 871-9700 ext. 131





Energy Efficiency Project - Project Financial Summary

February 5, 2020

RE: Energy Project

CT20P00007098

Town of Chester Elementary School
Richard Holloway

23 Ridge Road

Chester, CT 06412

SBEA Program Highlights:

The Small Business program offers pre-bid pricing for materials and labor, eliminating multiple quotes. Qualified customers can get up to \$100,000 on-bill financing at 0% for 12-48 months. This means most projects do not require any capital outlay from the customer.

Earthlight Technologies offers a 3 year Labor and 5 year Material Warranty.

Cash Flow Analysis

Wh rate	0.1605
Annual Energy Savings	36,156 kWh
Annual Gas Savings	
Annual Cost Savings	\$6,020.03
Total Annual Cost Savings	\$6,020.03

Key Financials

Incentive Percentage:	25%
Payback (pre-tax)	4.18 years
Simple 5-yr Return:	\$4,958.57
Simple 10-yr Return:	\$35,058.73

Project Cost Analysis

Project Cost	\$ 33,519.96
CT Tax (exempt)	+ \$ -
Total Project Cost	\$ 33,519.96
Conservation Incentive	- \$ 8,378.38
Net Total Customer Cost	\$ 25,141.58

Customer Loan Analysis

Customer Loan Amount*	\$ 25,141.58
Rate	0.00%
# of Months	48
Monthly Payment	\$ (523.78)
Monthly Savings	\$ 501.67

Net Monthly Cashflow \$ (22.11)

**The loan is transferable if business is sold under loan*

Energy Conservation Measures

High-Performance Lighting

- Occupancy Sensors ✓
- High Performance Lighting ✓
- Photocells

Energy -Efficient HVAC

- Tune Up
- Programmable Thermostats
- Heating and AC Upgrades

Energy -Efficient Refrigeration

- Open Refrigeration Night Covers
- Refrigeration Controls
- High Efficiency ECM Motors
- Vending Machine Controls

Additional Energy -Efficient Measures

- Air Compressors
- Premium Motors & VFDs
- Pipe Insulation, Spray Valves, Low-Flow Showerheads, or Aerators

Green Factor

This project is equivalent to:

1,286	Gallons of oil not burned or
33,465	Pounds of CO2 emissions avoided or
15,638	Pounds of coal not burned or
4	Homes provided with power for 1 year or
63,433	Miles driven by an average passenger vehicle per





LETTER OF INTENT

February 5, 2020

Town of Chester Elementary School
23 Ridge Road
Chester, CT 06412

Re: Energy Efficiency Project CT20P00007098

Dear Richard Holloway,

Earthlight looks forward to working with you and the Town of Chester Elementary School location on the energy efficiency project. This letter shall confirm our mutual understanding of the general scope of the work. Earthlight will follow up with SBEA Energy Efficiency proposal setting forth in full the specific terms and conditions of our business relationship.

1. Project Description

Total Project Cost - \$33,519.96 Estimated Utility Incentive - \$8,378.38 Net Cost - \$25,141.58

Earthlight is proposing LED lighting to include sensors.

See attached for more detail specifications and financial summaries.

2. Local Utility Company Energy Efficiency Incentive Program

An important part of the project is the dollar energy incentive that may be offered by your local utility company. To qualify, Earthlight will be preparing, on your behalf, certain documents, including engineering data, drawings, descriptions, spreadsheets, and other company-requested documentation. Your input regarding the current and future energy demands of your business is critical because the utility company will use it for calculating the amount of an incentive. The utility company will inform us of the amount, if any, by issuing a SBEA Energy Efficiency proposal. Upon receipt, Earthlight and Town of Chester Elementary School will meet to finalize the project's specific energy efficiency measures.

3. Legal Effect; Termination

This Letter of Intent may be terminated at any time by either party. Further, neither party has any legal obligations to each other until the Purchase Agreement is fully executed.

Understood & Accepted:

By client: _____	By service provider: <u>Earthlight Technologies LLC</u>
Title: _____	Title: _____
Date: _____	Date: _____
Signed: _____	Signed: _____



Energy Efficiency Project – Project Measures line by line

Date: February 5, 2020

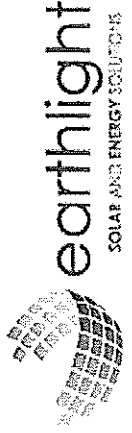
Re: Energy Project CT20P00007098

Name: Chester Elementary School

23 Ridge Rd Chester, CT

Earthlight Technologies, LLC
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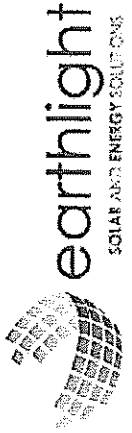
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Town of Chester
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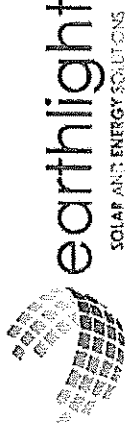
Fixture Detail

Totals		485				485				23,711				Savings							
Area		Existing				Proposed Solution				Energy				HVAC				Maintenance			
Room	Existing	Watts	Qty	Burn	kWh	Proposed	Watts	Qty	% Red.	Burn	kWh	Ctrl Qty	Rebates	Energy	HVAC	Maintenance					
Elementary School - CT19 1277137 / Second floor																					
211	F-F28T8-2/ Reflector-2X4- Parabolic-Recessed	49.0	11	2,080	1,121	2x4 LED TUBE 1/ LPB	26.0	11	0	2,080	595	0	\$0	\$0	\$0	\$0	\$0				
212	F-F28T8-2/ Reflector-2X4- Parabolic-Recessed	49.0	11	2,080	1,121	2x4 LED TUBE 1/ LPB	26.0	11	0	2,080	595	0	\$0	\$0	\$0	\$0	\$0				
213	F-F28T8-2/ Reflector-2X4- Parabolic-Recessed	49.0	11	2,080	1,121	2x4 LED TUBE 1/ LPB	26.0	11	0	2,080	595	0	\$0	\$0	\$0	\$0	\$0				
Library	MH-MH400-1/ Wireless-Modul-Open - no lens-Wall	455.0	16	2,880	20,966	100W LED Retrofit Lamp	100.0	16	0	2,880	4,608	0	\$0	\$0	\$0	\$0	\$0				
Library	CFL-CF13W-2/ Decorative-Plug-in 2 Pin-Open - no lens- Wall	28.0	5	2,880	403	10W Remphos LED Retrofit	10.0	5	0	2,880	144	0	\$0	\$0	\$0	\$0	\$0				
Library office	F-F28T8-3/ Reflector-2X4-Parabolic- Recessed	74.0	1	2,080	154	3x4 led tube 1/ job	33.0	1	30	1,456	48	1	\$0	\$0	\$0	\$0	\$0				
Main hall near fish tank	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	8	2,880	645	LED RECESSED LIGHTS 6" CAN	10.0	8	0	2,880	230	0	\$0	\$0	\$0	\$0	\$0				
Handicapped restroom	F-F28T8-2/ Reflector-2X4- Parabolic-Recessed	49.0	1	260	13	2x4 LED TUBE 1/ LPB	26.0	1	30	182	5	1	\$0	\$0	\$0	\$0	\$0				
Girls near main office	F-F28T8-2/ Reflector-2X4- Parabolic-Recessed	49.0	4	2,880	564	2x4 LED TUBE 1/ LPB	26.0	4	0	2,880	300	0	\$0	\$0	\$0	\$0	\$0				
Boys near main office	F-F28T8-2/ Reflector-2X4- Parabolic-Recessed	49.0	4	2,880	564	2x4 LED TUBE 1/ LPB	26.0	4	30	2,016	210	1	\$0	\$0	\$0	\$0	\$0				
Conference in main	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	4	520	58	LED RECESSED LIGHTS 6" CAN	10.0	4	0	520	21	0	\$0	\$0	\$0	\$0	\$0				
Conference in main	LIN-LED- L08T8LED-2/ Reflector-2X2- Parabolic-Recessed	.0	2	520	0	Do Nothing	.0	2	0	520	0	0	\$0	\$0	\$0	\$0	\$0				



Town of Chester
New Quote

Room	Existing				Proposed Solution				Savings						
	Watts	Qty	Burn	kWh	Proposed	Watts	Qty	% Red.	Burn	kWh	Ctrl Qty	Rebates	Energy	HVAC	Maintenance
Admin restroom	28.0	1	260	7	LED Drum 12W 10" LED Drum 1000 LUMEN	12.0	1	0	260	3	0	\$0	\$0	\$0	\$0
Supply in admin	28.0	1	52	1	LED RECESSED LIGHTS 6" CAN	10.0	1	0	52	1	0	\$0	\$0	\$0	\$0
Main entrance	28.0	4	2,880	323	LED RECESSED LIGHTS 6" CAN	10.0	4	0	2,880	115	0	\$0	\$0	\$0	\$0
Special ed hall	45.0	2	2,880	259	3L2 led tube 1/1pb	27.0	2	0	2,880	156	0	\$0	\$0	\$0	\$0
1	30.0	4	2,080	250	2L2 led tube 1/1pb	18.0	4	0	2,080	150	0	\$0	\$0	\$0	\$0
2	30.0	4	2,080	250	2L2 led tube 1/1pb	18.0	4	0	2,080	150	0	\$0	\$0	\$0	\$0
2	28.0	12	2,080	699	LED RECESSED LIGHTS 6" CAN	10.0	12	0	2,080	250	0	\$0	\$0	\$0	\$0
3	30.0	4	2,080	250	2L2 led tube 1/1pb	18.0	4	0	2,080	150	0	\$0	\$0	\$0	\$0
4	30.0	2	2,080	125	2L2 led tube 1/1pb	18.0	2	0	2,080	75	0	\$0	\$0	\$0	\$0
Mechanical near main	28.0	1	52	1	LED Drum 12W 10" LED Drum 1000 LUMEN	12.0	1	0	52	1	0	\$0	\$0	\$0	\$0
Janitor	28.0	1	52	1	LED Drum 12W 10" LED Drum 1000 LUMEN	12.0	1	0	52	1	0	\$0	\$0	\$0	\$0
Gym	117.0	16	2,880	5,291	2 CAMP T5 HIGH BAY HO Tube	56.0	16	0	2,880	2,580	0	\$0	\$0	\$0	\$0
Gym	48.8	4	520	162	LED PAR 30 12 W	12.0	4	0	520	25	0	\$0	\$0	\$0	\$0
Office in gym	49.0	2	2,040	204	2L4 LED TUBE 1/ LPB	26.0	2	0	2,080	108	0	\$0	\$0	\$0	\$0
Storage	49.0	2	260	25	2L4 LED TUBE 1/ LPB	26.0	2	0	260	14	0	\$0	\$0	\$0	\$0



Town of Chester
New Quote

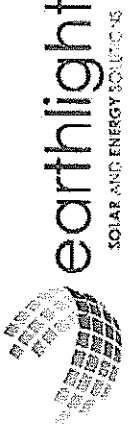
Room	A/E/C	Existing				Proposed Solution				Savings					
		Watts	Qty	Burn	kWh	Proposed	Watts	Qty	% Red.	Burn	kWh	Ctrl Qty	Rebates	Energy	HVAC
Mechanical	F-F28T8-2/ Strip-1x4-Open-nb fem-Wall	49.0	1	260	13	2L4 LED TUBE 1/ LPB	26.0	1	0	260	7	0	\$0	\$0	\$0
Cafeteria hall boys	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	1	520	25	2L4 LED TUBE 1/ LPB	26.0	1	0	520	14	0	\$0	\$0	\$0
Stage office	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	1	260	13	2L4 LED TUBE 1/ LPB	26.0	1	0	260	7	0	\$0	\$0	\$0
Kitchen	F-F17T8-2/ Reflector-2x2- Parabolic-Recessed	30.0	2	2,080	125	2L2 led tube 1/1pb	18.0	2	0	2,080	75	0	\$0	\$0	\$0
Walkin	CFL-CF13W-1/ Jelly Jar-Medium- Clear-Surface	15.0	2	2,080	82	LED A 19 8 W	8.0	2	0	2,080	33	0	\$0	\$0	\$0
Hood	CFL-CF13W-1/ Jelly Jar-Medium- Clear-Surface	15.0	3	1,820	82	LED A 19 8 W	8.0	3	0	1,820	44	0	\$0	\$0	\$0
Dishwasher	F-F17T8-2/ Reflector-2x2- Parabolic-Recessed	30.0	2	2,080	125	2L2 led tube 1/1pb	18.0	2	0	2,080	75	0	\$0	\$0	\$0
201	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0
202	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0
203	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0
204	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0
205	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0
206	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0
207	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0
208	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0
209	F-F28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	12	2,080	1,223	2L4 LED TUBE 1/ LPB	26.0	12	0	2,080	649	0	\$0	\$0	\$0



Town of Chester
New Quote

Room	Area	EXISTING				PROPOSED SOLUTION				SAVINGS						
		Watts	Qty	Burn	kWh	Proposed	Watts	Qty	% Red.	Burn	kWh	Ctrl Qty	Rebates	Energy	HVAC	Maintenance
210	F-28T8-2/ Parabolic-Recessed Reflector-2x4-	49.0	8	2,080	815	2L4 LED TUBE 1/ LPB	26.0	8	0	2,080	433	0	\$0	\$0	\$0	
Elementary School - CT19 1277137 / First floor lower																
111	F-28T8-2/ Parabolic-Recessed Reflector-2x4-	49.0	11	2,080	1,121	2L4 LED TUBE 1/ LPB	26.0	11	0	2,080	595	0	\$0	\$0	\$0	
111	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	1	2,080	58	LED RECESSED LIGHTS 6" CAN	10.0	1	0	2,080	21	0	\$0	\$0	\$0	
Restroom	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	1	520	15	LED RECESSED LIGHTS 6" CAN	10.0	1	0	520	5	0	\$0	\$0	\$0	
110	LIN-LED- L15T8LED-2/ Reflector-2x4- Parabolic-Recessed	.0	11	2,080	0	Do Nothing	.0	11	0	2,080	0	0	\$0	\$0	\$0	
110	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	1	2,080	58	LED RECESSED LIGHTS 6" CAN	10.0	1	0	2,080	21	0	\$0	\$0	\$0	
Restroom	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	1	520	15	LED RECESSED LIGHTS 6" CAN	10.0	1	0	520	5	0	\$0	\$0	\$0	
109	F-28T8-2/ Reflector-2x4- Parabolic-Recessed	49.0	11	2,080	1,121	2L4 LED TUBE 1/ LPB	26.0	11	0	2,080	595	0	\$0	\$0	\$0	
109	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	1	2,080	58	LED RECESSED LIGHTS 6" CAN	10.0	1	0	2,080	21	0	\$0	\$0	\$0	
Restroom	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	1	520	15	LED RECESSED LIGHTS 6" CAN	10.0	1	0	520	5	0	\$0	\$0	\$0	
108	LIN-LED- L15T8LED-2/ Reflector-2x4- Parabolic-Recessed	.0	12	2,080	0	Do Nothing	.0	12	0	2,080	0	0	\$0	\$0	\$0	
108	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	4	2,080	233	LED RECESSED LIGHTS 6" CAN	10.0	4	0	2,080	83	0	\$0	\$0	\$0	
Restroom	CFL-CF13W-2/ 6-in Can-Plug-in 2 Pin-Open - no lens- Recessed	28.0	1	520	15	LED RECESSED LIGHTS 6" CAN	10.0	1	0	520	5	0	\$0	\$0	\$0	

*** Data is proprietary and confidential ***



Town of Chester
New Quote

Room	Existing				Proposed Solution				Savings						
	Watts	Qty	Burn	kWh	Proposed	Watts	Qty	% Red.	Burn	kWh	Ctrl Qty	Rebates	Energy	HVAC	Maintenance
107	.0	12	2,080	0	Do Nothing	.0	12	0	2,080	0	0	\$0	\$0	\$0	\$0
107	28.0	4	2,080	233	LED RECESSED LIGHTS 6" CAN	10.0	4	0	2,080	83	0	\$0	\$0	\$0	\$0
Restroom	28.0	1	520	15	LED RECESSED LIGHTS 6" CAN	10.0	1	0	520	5	0	\$0	\$0	\$0	\$0
106	.0	11	2,080	0	Do Nothing	.0	11	0	2,080	0	0	\$0	\$0	\$0	\$0
106	28.0	2	2,080	116	LED RECESSED LIGHTS 6" CAN	10.0	2	0	2,080	42	0	\$0	\$0	\$0	\$0
Restroom	28.0	1	520	15	LED RECESSED LIGHTS 6" CAN	10.0	1	0	520	5	0	\$0	\$0	\$0	\$0
Elevator	49.0	1	8,760	429	2L4 LED TUBE 1/ LPB	26.0	1	0	8,760	228	0	\$0	\$0	\$0	\$0
Restroom near boiler	30.0	1	520	16	2L2 led tube 1/ lpb	18.0	1	0	520	9	0	\$0	\$0	\$0	\$0
Broadcast room	49.0	4	520	102	2L4 LED TUBE 1/ LPB	26.0	4	30	364	38	1	\$0	\$0	\$0	\$0
Boiler	99.0	7	520	360	4L4 LED TUBE 1/ LPB	44.0	7	0	520	160	0	\$0	\$0	\$0	\$0
Maintenance office	49.0	4	2,880	564	2L4 LED TUBE 1/ LPB	26.0	4	30	2,016	210	1	\$0	\$0	\$0	\$0
Elevator room	70.0	1	520	4	2L4 LED TUBE 1/ LPB	26.0	1	0	520	1	0	\$0	\$0	\$0	\$0
Klth	49.0	3	1,820	268	2L4 LED TUBE 1/ LPB	26.0	3	0	1,820	142	0	\$0	\$0	\$0	\$0



Town of Chester
New Quote

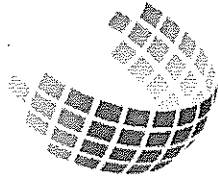
Room	Existing				Proposed Solution				Savings						
	Watts	Qty	Burn	kWh	Proposed	Watts	Qty	% Red.	Burn	kWh	Ctrl Qty	Rebates	Energy	HVAC	Maintenance
101	LIN-LED- Reflector-2X4- Parabolic-Recessed	.0	12	2,080	0	Do Nothing	.0	12	0	2,080	0	\$0	\$0	\$0	\$0
Restroom	F-F17T8-2/ Vanity-1X2-Frosted -Wall	30.0	1	2,080	62	2L2 led tube 1/ jpb	18.0	1	30	1,456	26	\$0	\$0	\$0	\$0
102	LIN-LED- Reflector-2X4- Parabolic-Recessed	.0	12	2,080	0	Do Nothing	.0	12	0	2,080	0	\$0	\$0	\$0	\$0
Restroom	F-F17T8-2/ Vanity-1X2-Frosted -Wall	30.0	1	2,080	62	2L2 led tube 1/ jpb	18.0	1	30	1,456	26	\$0	\$0	\$0	\$0
103	LIN-LED- Reflector-2X4- Parabolic-Recessed	.0	12	2,080	0	Do Nothing	.0	12	0	2,080	0	\$0	\$0	\$0	\$0
Restroom	F-F17T8-2/ Vanity-1X2-Frosted -Wall	30.0	1	2,080	62	2L2 led tube 1/ jpb	18.0	1	30	1,456	26	\$0	\$0	\$0	\$0
104	LIN-LED- Reflector-2X4- Parabolic-Recessed	.0	12	2,080	0	Do Nothing	.0	12	0	2,080	0	\$0	\$0	\$0	\$0
Restroom	F-F17T8-2/ Vanity-1X2-Frosted -Wall	30.0	1	2,080	62	2L2 led tube 1/ jpb	18.0	1	30	1,456	26	\$0	\$0	\$0	\$0
105	LIN-LED- Reflector-2X4- Parabolic-Recessed	.0	12	2,080	0	Do Nothing	.0	12	0	2,080	0	\$0	\$0	\$0	\$0
Restroom	F-F17T8-2/ Vanity-1X2-Frosted -Wall	30.0	1	2,080	62	2L2 led tube 1/ jpb	18.0	1	30	1,456	26	\$0	\$0	\$0	\$0
Back stairs	LIN-LED- Reflector-2X4- Parabolic-Recessed	.0	1	2,880	0	Do Nothing	.0	1	0	2,880	0	\$0	\$0	\$0	\$0
Back stairs	L15T8LED-2/ Wrap-1X4-Prismatic- Surface	.0	2	2,880	0	Do Nothing	.0	2	0	2,880	0	\$0	\$0	\$0	\$0
West stairs	F-F28T8-2/ Wrap-1X4-Prismatic- Wall	49.0	3	2,880	423	2L4 LED TUBE 1/ LPB	26.0	3	0	2,880	225	\$0	\$0	\$0	\$0
Center stairs	LIN-LED- L15T8LED-2/	.0	2	2,880	0	Do Nothing	.0	2	0	2,880	0	\$0	\$0	\$0	\$0

*** Data is proprietary and confidential ***



Town of Chester
New Quote

Room	Existing				Proposed Solution				Savings							
	Watts	Qty	Burn	kWh	Proposed	Watts	Qty	% Red.	Burn	kWh	Ctrl Qty	Rebates	Energy	HVAC	Maintenance	
Center stairs	49.0	1	2,880	141	2x4 LED TUBE 1/ LPB	26.0	1	0	2,880	75	0	\$0	\$0	\$0	\$0	
Elementary School - CT19 1277137 / Exterior																
Front door	.0	3	2,190	0	Do Nothing	.0	3	0	2,190	0	0	\$0	\$0	\$0	\$0	
Outside maintenance door	23.0	1	4,300	99	LED WALLPACKS 13 W	13.0	1	0	4,300	56	0	\$0	\$0	\$0	\$0	
Outside storage	49.0	1	52	3	2x4 LED TUBE 1/ LPB	26.0	1	0	52	1	0	\$0	\$0	\$0	\$0	
Gated doors	40.0	2	4,300	344	LED WALLPACKS 13 W	13.0	2	0	4,300	112	0	\$0	\$0	\$0	\$0	
Right wall	23.0	2	4,300	198	LED FLOODLIGHTS (Do not include lift charge) 18 W	18.0	2	0	4,300	155	0	\$0	\$0	\$0	\$0	
Back wall	40.0	4	4,300	688	LED WALLPACKS 26 W	26.0	4	0	4,300	447	0	\$0	\$0	\$0	\$0	
Back door	23.0	1	4,300	99	LED WALLPACKS 20 W	20.0	1	0	4,300	86	0	\$0	\$0	\$0	\$0	
Back white wall	40.0	2	4,300	344	LED FLOODLIGHTS (Do not include lift charge) 18 W	18.0	2	0	4,300	155	0	\$0	\$0	\$0	\$0	
Brick wall doors	23.0	5	4,300	495	LED WALLPACKS 13 W	13.0	5	0	4,300	280	0	\$0	\$0	\$0	\$0	
Front wall	23.0	5	4,300	465	LED WALLPACKS 13 W	13.0	5	0	4,300	280	0	\$0	\$0	\$0	\$0	
Let poles	100.0	7	4,300	3,010	LED POLE LIGHTS (Do not include lift charge) 52 W	52.0	7	0	4,300	1,565	0	\$0	\$0	\$0	\$0	
Basketball courts	23.0	2	2,190	101	LED POLE LIGHTS (Do not include lift charge) 13 W	13.0	2	0	2,190	57	0	\$0	\$0	\$0	\$0	
Bollards near west	90.0	2	4,300	774	LED A 19 18 W	18.0	2	0	4,300	155	0	\$0	\$0	\$0	\$0	
Totals	485	485	59,241	485		485	485		23,711	23,711	0	\$0	\$0	\$0	\$0	



earthlight
solar & energy solutions

Energy Efficiency Project – Cut Sheets

Date: February 5, 2020

Re: Energy Project CT20P00007098

Name: Chester Elementary School

23 Ridge Rd Chester, CT

- New LED lamps and Fixtures

Earthlight Technologies, LLC
92 West Rd
Ellington, CT 06029

p: (860) 871-9700
f: (860) 871-9439
earthlighttech.com

PHILIPS

Lighting

T8

9.5T8/MAS/48-840/IF16/P 10/1

Our TLEDs are available in InstantFit (Type A / Type C) or MainsFit (Ballast bypass / Type B) versions. The InstantFit lamps work on a broad variety of ballasts and LED drivers. Only InstantFit has over 15,000 lamp & ballast combinations delivering even light output, energy savings and a long lifetime. Our MainsFit products feature a double-ended design, simplifying installation while a proprietary safety circuit minimizes a shock risk. Lamp sizes range from 2-foot to 8-foot and U-bend with a variety of lumen outputs.

Product data

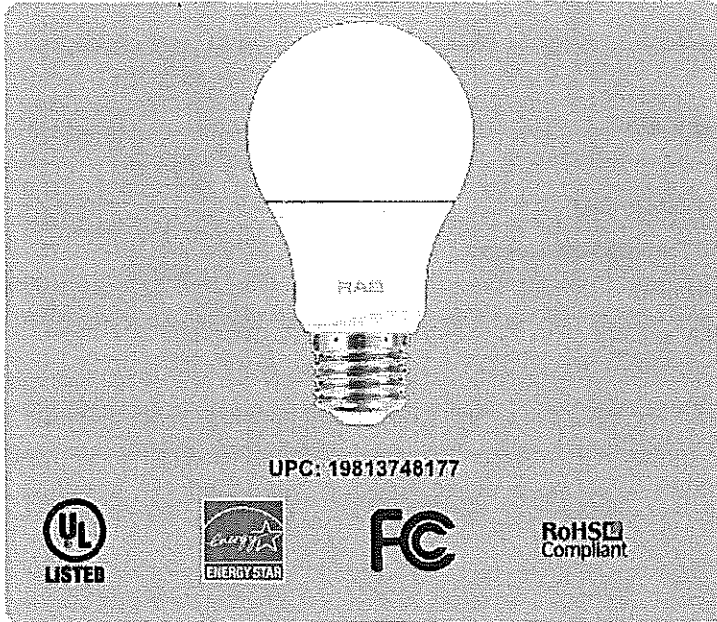
General Information		Starting Time (Nom)		0.5 s
Cap-Base	G13 [Medium Bi-Pin Fluorescent]	Warm Up Time to 60% Light (Nom)	0.5 s	
Nominal Lifetime (Nom)	70000 h	Power Factor (Nom)	0.9	
Switching Cycle	50000X	Voltage (Nom)	120-277, 347 V	
B50L70	70000 h	Temperature		
Light Technical		T-Ambient (Max)	55 °C	
Color Code	840 [CCT of 4000K]	T-Ambient (Min)	-20 °C	
Beam Angle (Nom)	180 °	T-Storage (Max)	65 °C	
Luminous Flux (Nom)	1600 lm	T-Storage (Min)	-40 °C	
Luminous Flux (Rated) (Nom)	1600 lm	T-Case Maximum (Nom)	55 °C	
Rated Beam Angle	180 °	Controls and Dimming		
Correlated Color Temperature (Nom)	4000 K	Dimmable	No	
Color Consistency	<6	Mechanical and Housing		
Color Rendering Index (Nom)	80	Product Length	1200 mm	
LLMF At End Of Nominal Lifetime (Nom)	70 %	Approval and Application		
Operating and Electrical		Energy Saving Product	Yes	
Input Frequency	50 to 60 Hz			
Power (Rated) (Nom)	9.5 W			

Project:

Type:

Prepared By:

Date:



Features and Benefits

- REPLACE conventional halogen and incandescent bulbs
- ENERGY SAVINGS - Save up to 85% on energy
- DAMP RATED - Suitable for damp locations
- 15,000-HOUR LIFESPAN - Last up to 13.7 years at 3 hours per day
- ENCLOSED FIXTURE RATED - May be used in both enclosed and open fixtures
- SHATTERPROOF - Plastic lamps for rugged applications
- 80 CRI - Ideal for general lighting applications
- DIMMABLE - Compatible with most common dimmer models

Technical Specifications

Product Type	A-Line
Bulb Shape	A19
Wattage	6W
Wattage Equivalency	40W Incandescent
Typical Lumen Output	480
Efficacy	80 lm/W
Color Temperature	4000K Cool White
CRI	80
Base Type	E26
L70 Lifespan	15,000 hours
Operating Temperature	-20°C - 45°C
Dimmable	Yes, down to 10%
Beam Angle	230°
Warranty	3-Year, No-Compromise Warranty
For Use in Emergency Fixtures	No
For Use Outdoors in Open Fixtures	No

Electrical Characteristics

Input Voltage	120V
Power Factor	≥0.7
Operating Frequency	60 Hz

Listings

UL Listed	Yes
ENERGY STAR V2.0	This product is ENERGY STAR® Version 2.0 Certified
Energy Star ID	2329692
CEC Status	Not lawful for sale in California



ENERGY STAR CERTIFIED

Light Bulbs

RAB : A19-5-E26-840-DIM

Specifications

ENERGY STAR Partner:	RAB Lighting, Inc.
Brand Name:	RAB
Model Number:	A19-5-E26-840-DIM
Product Finder Bulb Type:	General Purpose Replacement
Base Type:	E26 (Medium)
Lamp Category:	Omnidirectional
Technology:	LED
Warranty (years):	3
Energy Used (watts):	5.7
Efficacy (lumens/watt):	84.2
Wattage Equivalency (watts):	40
Maximum Overall Length (mm):	102.0
Maximum Overall Diameter (mm):	60.0
Life (hrs):	15000
Brightness (lumens):	480
Power Factor:	0.9
Light Appearance (Kelvin):	4000
Color Quality (CRI):	83
R9:	9
Connected Lamp:	No
Dimmable:	Dimmable
Dims Down to %:	9
Three Way:	No
Lamp Rated for Enclosed Fixtures:	Yes
Special Features:	Damp Location Rated, Recessed Fixtures
Date Qualified:	2018-11-14
Date Available on Market:	2018-11-15
Markets:	United States
ENERGY STAR Certified:	Yes

Additional Model Information

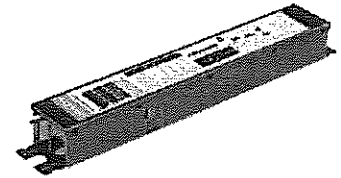
Captured On:
05/14/2019.

ADVANCE
by Signify

T8 LED Driver

Centium

ICN-3P16-TLED-N



ICN-3P16-TLED-N

Brand Name	Centium
Driver Type	T8 LED Electronic
Lamp Connection	Parallel
Input Voltage	120-277V
Input Frequency	50/60 Hz
Status	Active



Specifications

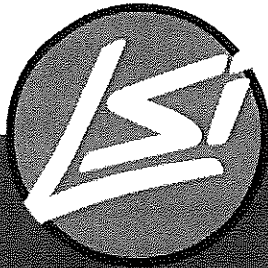
Description	Product No.	Model No.	Ordering Code	Bare Lamp Watts (W)	Nom. Initial Lumens	Min. Start Temp (°F/°C)	Num. of Lamps	Input Current (A)	Input Power (W)	Max THD%	Power Factor
Philips LED InstantFit T8 - 4' MasterClass	473974	9290020158	9.5T8/MAS/48-830/IF15/P 10/1	9.5	1500	-13/-25	3	0.29/0.13	34	10	0.99/0.94
	473982	9290020159	9.5T8/MAS/48-835/IF15/P 10/1		1500						
	473990	9290020160	9.5T8/MAS/48-840/IF16/P 10/1		1600						
	474007	9290020161	9.5T8/MAS/48-850/IF16/P 10/1		1600						
Philips LED InstantFit T8 - 4'	468694	9290013037	10T8/48-2700 IF 10/1	10	1400	-13/-25	3	0.30/0.13	35	10	0.99/0.95
	468264	9290011239C	10T8/48-3000 IF 10/1		1500						
	468272	9290011240C/D	10T8/48-3500 IF 10/1		1500						
	468280	9290011241C/D	10T8/48-4000 IF 10/1		1600						
	468298	9290011242C/D	10T8/48-5000 IF 10/1		1600						
	473966	9290013971	10T8 LED/48-2700 IF 1PK 10/1		1400						
	473974	9290013972	10T8 LED/48-3000 IF 1PK 10/1		1500						
	473982	9290013973	10T8 LED/48-3500 IF 1PK 10/1		1500						
473990	9290013974	10T8 LED/48-4000 IF 1PK 10/1	1600								
474007	9290013975	10T8 LED/48-5000 IF 1PK 10/1	1600								
Philips LED InstantFit T8 - 4' CorePro	553230	9290022527	10T8/COR/48-830/IF15/G 10/1	10	1500	-13/-25	3	0.33/0.15	39	10	0.99/0.95
	553248	9290022528	10T8/COR/48-835/IF15/G 10/1		1500						
	553214	9290019917	10T8/COR/48-840/IF16/G 10/1		1600						
	553222	9290019918	10T8/COR/48-850/IF16/G 10/1		1600						
Philips LED InstantFit T8 - 4' Glass Pro	530469	9290018660	12T8/PRO/48-830/IF17/G 10/1 FB	12	1700	-13/-25	3	0.33/0.15	40	10	0.99/0.95
	530477	9290018661	12T8/PRO/48-835/IF17/G 10/1 FB		1700						
	530485	9290018662	12T8/PRO/48-840/IF18/G 10/1 FB		1800						
	530493	9290018663	12T8/PRO/48-850/IF18/G 10/1 FB		1800						
Philips LED InstantFit T8 4' High Output	473926	9290013976A	13T8/MAS/48-830/IF20/P/DIM 10/1	13	2000	-13/-25	3	0.41/0.18	48	10	0.99/0.92
	473934	9290013977A	13T8/MAS/48-835/IF20/P/DIM 10/1		2000						
	473942	9290013978B	13T8/MAS/48-840/IF21/P/DIM 10/1		2100						
	473958	9290013979A	13T8/MAS/48-850/IF21/P/DIM 10/1		2100						
	473926	9290013976	13T8/48-3000 IF 10/1		2000						
	473934	9290013977	13T8/48-3500 IF 10/1		2000						
	473942	9290013978	13T8/48-4000 IF 10/1		2100						
	473958	9290013979	13T8/48-5000 IF 10/1		2100						
Philips LED InstantFit T8 4' High Output VLC	529981	1x 9290018701 + 2x 9290013977	14T8/48-835/IF20/VLC 10/1 14T8/48-840/IF21/VLC 10/1	14	2000	-13/-25	3	0.37/0.16	44	10	0.99/0.96
	529999	1x 9290018702 + 2x 9290013978			2100						
		1x 9290018701 + 1x 9290013977			2000						
		1x 9290018702 + 1x 9290013978			2100						
Philips LED InstantFit T8 4' High Output	468306	9290011585C	14T8/48-3000 IF 10/1	14	2000	-13/-25	3	0.42/0.19	49	10	0.99/0.97
	468314	9290011586C	14T8/48-3500 IF 10/1		2000						
	468322	9290011587C	14T8/48-4000 IF 10/1		2100						
	468330	9290011588C	14T8/48-5000 IF 10/1		2100						

Catalog # :

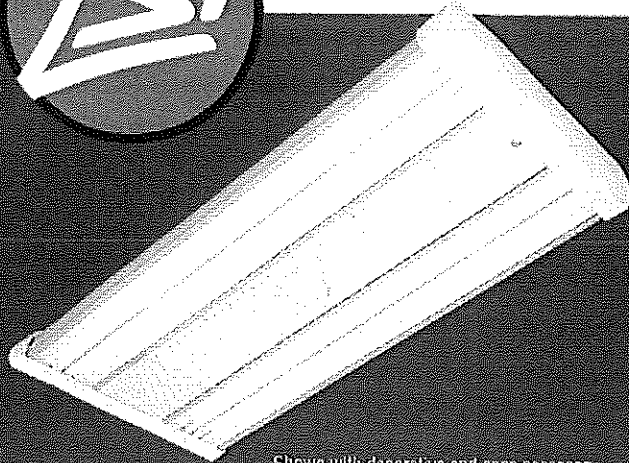
Project :

Prepared By :

Date :



Alliance 2' - ALI2 LED 2' Linear High Bay



Shown with decorative end caps accessory

The new Alliance™ indoor LED high bay was designed to provide flexibility on any project. For use with applications ranging from school gymnasiums to industrial facilities, the Alliance is configurable with lumen packages that target DLC Premium, a variety of distribution patterns & lenses, and flexible control options. The original design features optional end caps that lend a unique, customized look to your project.

Features & Specifications

Optical System

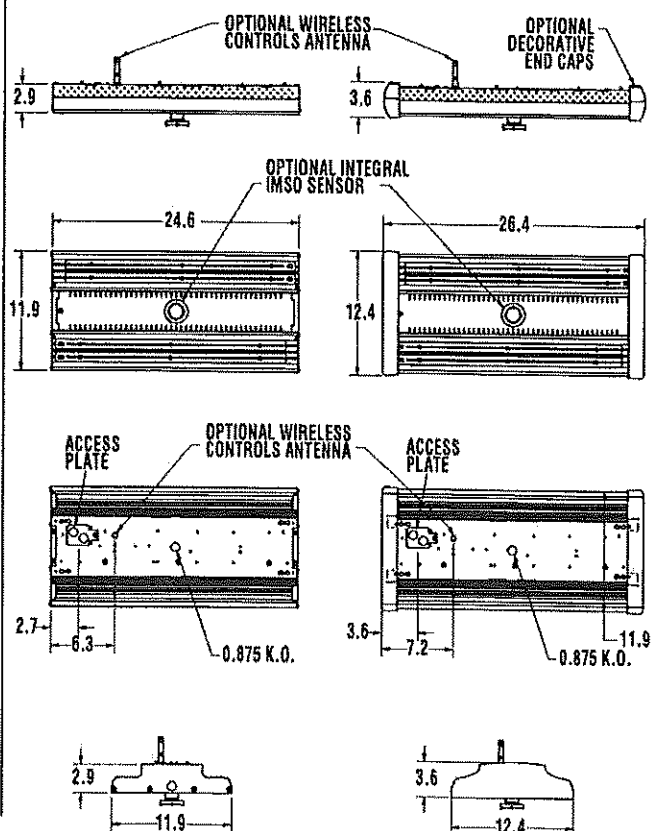
- Optional high transmission impact resistant clear lenses available in Acrylic (CAL) or Polycarbonate (CAP).
- Optional diffuse impact resistant Acrylic (DA) lens available to eliminate bright spots from individual LED's and provide high vertical illumination and visual comfort.
- Less Lens (LL) option available for high efficiency applications.
- Use of closely spaced medium-power, high brightness chips provide uniform lens luminance with no dead spots.
- Choice of 2 high performance distributions; Wide (W), or Narrow / Aisle (N). Narrow / Aisle distribution is available with Less lens (LL), Clear Acrylic (CA), and Clear Polycarbonate (CP) lens options only.
- Available in 5000K, 4000K and 3500K color temperatures.
- Minimum CRI of 80. Optional 90 CRI available, consult factory for lead times.

Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (5% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 2)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +55°C (-40°F to +131°F), 30°C (86°F) when equipped with EM option.
- Power factor: >.95
- Input power stays constant over life.
- Optional 120v-277v integral emergency battery pack is available to meet critical life safety lighting requirements. The 90-minute batteries provide constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance.
- Field replaceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).



Dimensions



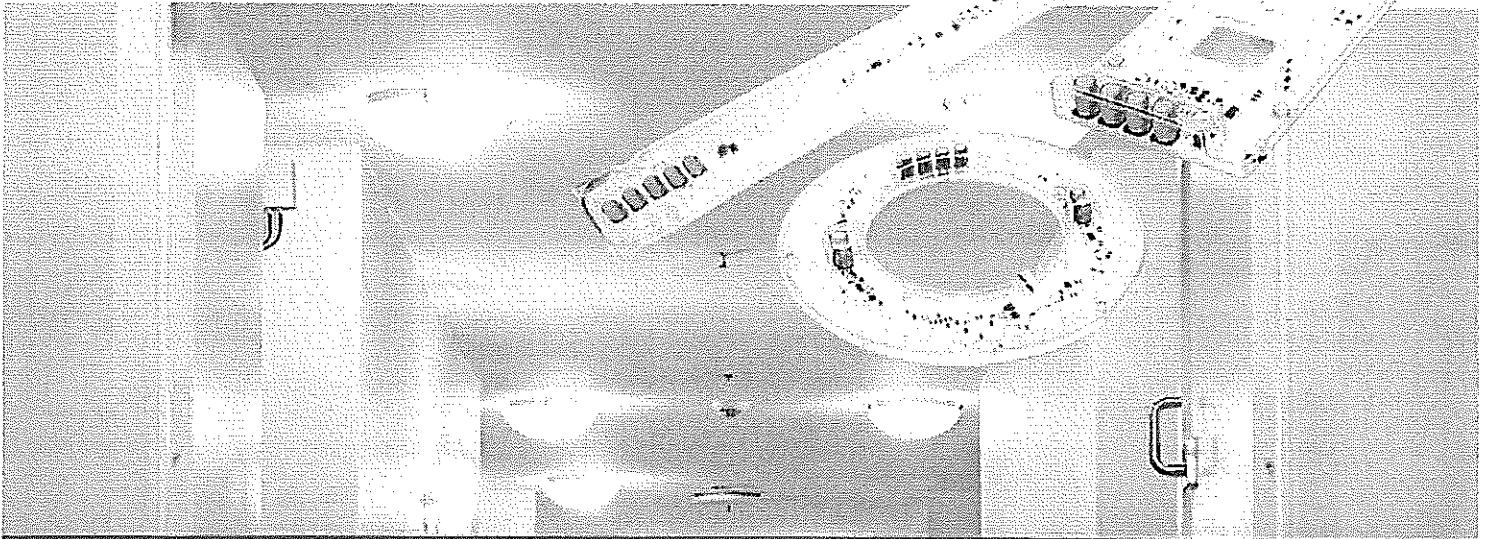


JA8-2016



DirectAC LED Retrofit Kit Engines

The simple, efficient LED solution for low-profile, dimmable applications

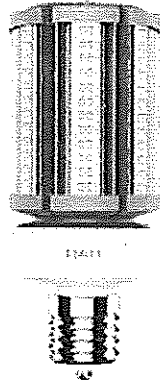


- AC Direct Drive on integrated LED board
- Universal voltage (120-277V) input
- Very low flicker, meets Title 24 requirements
- Smooth TRIAC/ELV dimming down to 10%
- High voltage barrier and 5VA rated lens
- Lower energy costs, longer lifespan than fluorescent
- Standard mounting holes for easy installation
- JA8 Compliant (2700K - 4000K @90CRI)

DirectAC LED Retrofit Kit Engines provide a cost-efficient, reliable solution for wall sconces and ceiling luminaires. These innovative engines eliminate the need for an LED driver, creating a lower profile and simplifying installation. They are available in various power levels from 10-34W, with standard TRIAC/ELV dimming, a range of color temperatures, and CRI up to 90. These cURus and cULus Classified, ENERGY STAR® listed kits include installation hardware and labels, and are suitable for open or fully enclosed luminaires.

HID-36-EX39-850-BYP-PT

RAB | Lamps



Project: _____ Type: _____

Prepared By: _____ Date: _____

Driver Info

Watts 36W
 Color Temp 5000K (Daylight)
 Lumens 5,400
 Efficacy 150 LPW
 Color Accuracy 80 CRI
 L70 Accuracy 50,000

LED Info

Input Voltage 100-277V
 Power Factor 0.9
 Flicker <30%
 THDi <20%
 R9

Replace 50 - 400W MH lamps for post tops, low bays, and high bays, in enclosed or open fixtures. 50,000-hour lifespan. Use 76% less energy than MH.

Color: White

Weight: 1.4 lbs

Technical Specifications

Listings

UL Listed:

Yes

UL Classified:

Yes

FCC:

Yes

Rohs:

Yes

CEC Status:

Lawful for sale in California

DLC Qualified:

Yes

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
 DLC Product Code: PV8KKCIM

Description

Lamp Type:

HID

Bulb Type:

Post Top

Base Type:

EX39, Mogul Base

Dimmable:

No

Construction

Operating Temperature:

-20 - 40°C

Bare Lamp Illuminated Length (inches):

3.94"

MOL (inches):

8.35"

MOD (Inches):

3.35"

Minimum Compartment Size (Inches):

Length: 7.99"

Width: 7.99"

Height: 11.02"

LED Characteristics

Lifespan:

50,000-hour LED lifespan based on IES LM-70 results

Optical

Beam Angle:

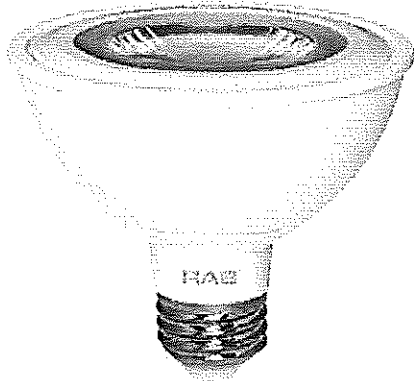
360°

Other

Warranty:

5-years

PAR30S-11-830-40D-DIM



Project: _____ **Type:** _____

Prepared By: _____ **Date:** _____

Driver Info		LED Info	
Watts	11W	Input Voltage	120V
Color Temp	3000K (Warm White)	Power Factor	0.7
Lumens	800	Flicker	<30%
Efficacy	72.7 LPW	THDi	<20%
Color Accuracy	80 CRI	R9	
L70 Accuracy	25,000		

Replace 75W PAR30S lamps. Dimmable LED, 80 CRI.

Color: White

Weight: 0.5 lbs

Technical Specifications

Listings

UL Listed:

Yes

FCC:

Yes

Rohs:

Yes

CEC Status:

Not lawful for sale in California

ENERGY STAR V2.0:

This product is ENERGY STAR® Version 2.0 Certified

Energy Star ID:

2330108

Description

Dimmable:

Yes, down to 20%

Lamp Type:

Par

Bulb Type:

PAR30S

Base Type:

E26, Medium Screw Base

Material:

Plastic

Construction

Operating Temperature:

-20 - 45°C

MOL (Inches):

3.54"

MOD (Inches):

3.78"

LED Characteristics

Lifespan:

25,000-hour LED lifespan based on IES LM-70 results

Other

Equivalent:

75W Halogen PAR30S

Warranty:

4 years

Optical

Beam Angle:

40°

MBCP:

1315

Technical Specifications (continued)

Shipping Information

Case Qty:

12

Case Dimensions:

16.142 x 12.165 x 4.370

Pallet Quantity of Pieces:

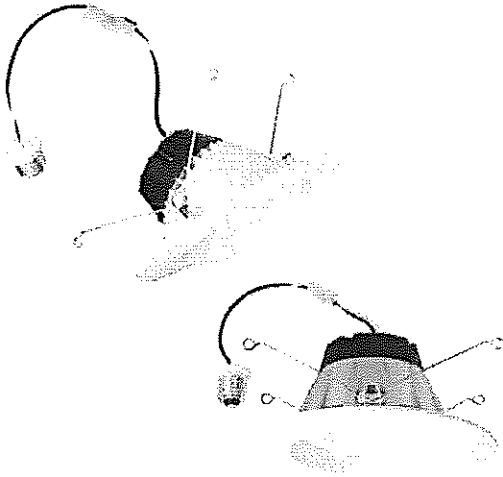
1056

Pallet Dimensions:

44.45 x 36.5 x 47.68

ULTRA LED RT5/6 and RT6 Gimbal

Recessed Downlight Kit



The SYLVANIA ULTRA RT5/6 is a 5" and 6" compatible LED recessed downlight kit creating high performing white light and is optimized for new construction and retrofit applications. Installation is done quickly and easily in most standard 5" or 6" Insulated Ceiling (IC) housings, Airtight (AT) housings and non-IC housings. The adjustable gimbal features a smooth travel from nadir to a 30° tilt, making it suitable for slanted ceilings and wall wash. The gimbal's friction blade design allows the downlight to be installed in any position within the housing aperture and the 360° horizontal rotation capability of the gimbal head offers easy aiming and adjustment.

Dimming

The SYLVANIA ULTRA RT Series recessed downlight kits are dimmable down to 10% of full light output with compatible dimmers. The minimum dimming value is based on light output using compatible dimmers, and may not be an indication of the kit's full rated capability. In some cases, standard incandescent dimmers require a minimum load of typically >40 watts on the circuit for full range dimming performance (four LED modules). For dimming with digital (smart) multi-location dimmers or when dimming fewer than four LED modules, electronic low-voltage (ELV) dimmers are required (some ELV dimmers need a neutral connection in the wallbox).

Application Information

Applications

- Healthcare
- Hospitality
- Office
- Property Management
- Residential
- Retail

Key Features & Benefits

- Lumen package:
 - 700 lumens
 - 900 lumens
 - 1200 lumens
- Replacement for up to 100W incandescent lamps
- RT5/6 fits into most 5" and 6" recessed downlight fixtures
- CCT: 2700K/3000K/4000K/5000K
- CRI: 90 and >80 CRI option
- Beam angle: 80°
- Dimmable down to 10%* of full light output with compatible dimmers
- 50,000 hour life (L70)
- Suitable for indoor and outdoor dry, damp and wet locations (Only applies to non-Gimbal types)
- Reduces energy consumption up to 84%
- 120V input voltage
- Lasts up to 25 times longer than incandescent lamps
- No warm-up time, instant-on with full light output and stable lamp to lamp color
- CEC compliant product meets California Title 24 fixture requirements for high efficacy luminaire
- Integrated white trim, white baffle reflector socket adaptor (included) for direct replacement
- Adjustable Gimbal feature (30° tilt and 360° rotation)

* Performance may vary depending on dimmer used in application. Different kit models (NAEDA) should not be mixed on the same dimmer circuit, performance may be affected. Please refer to Dimmer Compatibility List (RETRO-DIM) for a list of compatible dimmers or visit www.SYLVANIA.com/LEDBenefit.

Quality of Light

The SYLVANIA ULTRA RT Series provides excellent color rendering (82+ and 90 CRI option), and a selection of color temperatures (2700K, 3000K, 4000K and 5000K). LEDs have virtually no UV or infrared radiation to damage or fade furnishings, art or other objects.

Optical Design

Optical design efficiently directs light output in an 80° beam angle with low glare.

Accessories

Assorted color retrofit trims, GU24 socket adaptor, push wire adaptor, retrofit band.

Product Offering

Lumen Output	Wattage	Color Temperature
700	10	2700K, 3000K, 4000K, 5000K
700	12	2700K, 3000K, 4000K
900	13	2700K, 3000K, 5000K
1200	16	2700K, 3000K, 4000K

Specifications and Certifications





ENERGY STAR CERTIFIED
Light Fixtures

RAB Lighting - SK12XL12** : SK12XL12******

Specifications

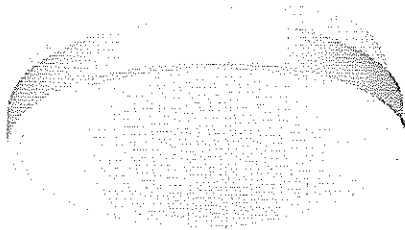
ENERGY STAR Partner:	RAB Lighting, Inc.
Brand Name:	RAB Lighting
Model Name:	SK12XL12****
Model Number:	SK12XL12****
Indoor/Outdoor:	Indoor
Fixture Type:	Ceiling Mount
Technology:	LED
Total Light Output (lumens):	909
Appearance/Correlated Color Temperature (K):	2700K
Total Input Power (Watts):	11.8
Color Quality (CRI):	84
Energy Efficiency - Measured Outside the Fixture (lumens/Watt):	77.0
Power Factor:	0.96
Light Source Life (hrs):	54000
Special Features:	Continuously Dimmable,Damp Location Rated
Light Source Connection/Base Type:	N/A
Date Available On Market:	2016-09-01
Date Certified:	2016-11-03
Markets:	United States
ENERGY STAR Certified:	Yes

Additional Model Information

,SK12XL12****,SK12XL12=Series Name (12 Inch 12W Model); First**=Style (R=Round Basic, RD=Round With Decorative Ring); Second**=CCT (YY=2700K, Y=3000K, YN=3500K, N=4000K)

Captured On:
12/11/2019

SK12XL12RDN

RAB**Project:****Type:****Prepared By:****Date:****Driver Info**

Type: Constant Current
120V: 0.11A
208V: N/A
240V: N/A
277V: N/A
Input Watts: 12W
Efficiency: 99%

LED Info

Watts: 12W
Color Temp: 4000K
Color Accuracy: 82 CRI
L70 Lifespan: 50000
Lumens: 1105
Efficacy: 91 LPW

Low-maintenance, high-efficiency LED retrofit fixture installs on standard junction boxes.

Color: White

Weight: 3.4 lbs

Technical Specifications

Listings**UL Listing:**

Suitable for damp locations

ENERGY STAR® V2.0:

This product is ENERGY STAR® Version 2.0 Certified.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

LED Characteristics**Lifespan:**

50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:

Long-life, high-efficiency surface mounting LEDs

Color Consistency:

3-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Electrical**Driver:**

120VAC TRIAC, Constant Current, Class 2, 60 Hz, 0.11A

Dimming Driver:

Compatible with TRIAC dimming at 120V.

THD:

21.2% at 120V

Power Factor:

96.6% at 120V

Construction**Cold Weather Starting:**

The minimum starting temperature is -20°C (-4°F)

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

Housing:

Steel sheet metal

Mounting:

Ceiling or wall mount to junction box

Reflector:

White painted, reflective, die formed painted steel

Lens:

Diffused Polymethyl Methacrylate (PMMA)

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color.

Other**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

Replacement:

Replaces two 13W CFL or 24W Circline.

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

NOTICE OF SPECIAL TOWN MEETING
Town Hall Community Room
March 5, 2020 7:30 PM

The electors of the TOWN OF CHESTER, CT and all other citizens qualified to vote in town meetings of the said TOWN OF CHESTER are hereby notified and warned that a Special Town Meeting will be held on Thursday, March 5, 2020 at 7:30 pm at the Community Room, Chester Town Hall, 203 Middlesex Avenue, Chester, CT 06412 to consider and act upon the following:

1. To authorize the following Capital transfer as recommended by the Board of Finance:

From	20-00-01-0000-007	Board of Selectmen – Assigned	\$24,500
To	20-00-31-0000-048	Infrastructure – Main Street Phase III	\$24,500
2. To authorize the following Capital transfer as recommended by the Board of Finance:

From	20-00-31-0000-048	Infrastructure – Main Street Phase III	\$30,000
To	20-00-31-0000-448	Infrastructure – Maple St Parking Lot	\$30,000
3. To authorize the expenditure of up to \$30,000 from the Capital Fund – Maple Street Parking Lot line item #20-00-31-0000-448 for lighting and improvements to the Maple Street Parking Lot, as recommended by the Board of Finance.
4. To authorize the expenditure of up to \$169,846 from the Capital Fund – Main Street Project Phase III line item # 20-00-31-0000-048, for payment of Department of Transportation determined “non-participating” LOTCIP costs unable to be funded from state grant funds, as recommended by the Board of Finance.
5. To authorize the acceptance of and authority for the First Selectwoman to sign contractual documents for a Small Cities Community Development Block grant in the amount of \$800,000.00, to be used to update and improve facilities at the Cherry Hill housing complex as recommended by the Board of Finance.
6. To authorize the First Selectwoman to enter into an agreement for a Connecticut Energy Fund loan of up to \$35,000.00 at the interest rate of 0% for a four-year term to fund the cost of LED lighting retrofits in the Town Hall and the Chester Firehouse, as recommended by the Board of Finance. Information about the Energy Fund Loan is available in the Selectman’s office. The Town of Chester will realize a net cost savings in electric costs immediately due to Eversource’s loan terms and municipal conservation incentives available through EnergizeCT.
7. To authorize the First Selectwoman to enter into a contract with Earthlight Solar and Energy Solutions to replace lights in the Town Hall and Firehouse with LED (light emitting diode) fixtures as recommended by the Board of Finance.
8. Acceptance of the Town of Chester annual report for fiscal year ending 2019.

Lauren S. Gister
First Selectwoman

Tom Englert
Selectman

Charlene Janecek
Selectwoman

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