



ROCHESTER HILLS TRIO
PHOTOMETRIC SITE PLAN
GASSER BUSH ASSOCIATES
WWW.GASSERBUSH.COM

Plan View
Scale - 1" = 30'

N

W AUBURN RD.

- General Note**
- SEE SCHEDULE FOR LUMINAIRE MOUNTING HEIGHT.
 - SEE LUMINAIRE SCHEDULE FOR LIGHT LOSS FACTOR.
 - CALCULATIONS ARE SHOWN IN FOOTCANDLES AT: GRADE

THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING / FUTURE FIELD CONDITIONS. THIS LIGHTING LAYOUT REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS. MOUNTING HEIGHTS INDICATED ARE FROM GRADE AND/OR FLOOR UP.

THESE LIGHTING CALCULATIONS ARE NOT A SUBSTITUTE FOR INDEPENDENT ENGINEERING ANALYSIS OF LIGHTING SYSTEM SUITABILITY AND SAFETY. THE ENGINEER AND/OR ARCHITECT IS RESPONSIBLE TO REVIEW FOR MICHIGAN ENERGY CODE AND LIGHTING QUALITY COMPLIANCE.

UNLESS EXEMPT, PROJECT MUST COMPLY WITH LIGHTING CONTROLS REQUIREMENTS DEFINED IN ASHRAE 90.1 2013. FOR SPECIFIC INFORMATION CONTACT GBA CONTROLS GROUP AT ASG@GASSERBUSH.COM OR 734-266-6705

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	Avg/Max
Car Port Typical	+	0.7 fc	8.2 fc	0.0 fc	N/A	N/A	0.1:1
Grade	+	2.5 fc	15.5 fc	0.0 fc	N/A	N/A	0.2:1
Property Line	+	0.4 fc	5.3 fc	0.0 fc	N/A	N/A	0.1:1

Schedule

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Number Lamps	Filename	Lumens per Lamp	LLF	Wattage	Lamp
□	A	0	Lithonia Lighting	DSX0 LED P3 40K TFFH HVOLT	DSX0 LED P3 40K TFFH HVOLT	1	DSX0_LED_P3_40K_TFFH_HVOLT.tles	8447	0.9	71	LED
□	B	7	Lithonia Lighting	DSX0 LED P3 40K BLC HVOLT	DSX0 LED P3 40K BLC HVOLT	1	DSX0_LED_P3_40K_BLC_HVOLT.tles	6925	0.9	71	LED
□	F	52	Lithonia Lighting	DSXW1 LED 20C 1000 40K TFFH HVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE TFFH OPTIC, 4000K, @ 1000mA	1	DSXW1_LED_20C_1_000_40K_TFFH_HVOLT.tles	7711	0.9	73.2	LED
□	D	6	Lithonia Lighting	DSXW1 LED 20C 1000 40K T3H HVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T3H OPTIC, 4000K, @ 1000mA	1	DSXW1_LED_20C_1_000_40K_T3H_HVOLT.tles	7572	0.9	73.2	LED
□	E	17	Lithonia Lighting	DSX0 LED P3 40K T5H HVOLT	DSX0 LED P3 40K T5H HVOLT	1	DSX0_LED_P3_40K_T5H_HVOLT.tles	8770	0.9	71	LED
□	C	4	BEGA Converted by LUMCat V 21.09.2015 / H.R.	22 261	LED, WALL MOUNTED FIXTURE, 40K	1	22261.tles	352	0.9	6	LED

D-Series Size 0 LED Area Luminaire

Specifications

- EPA: 055 ft
- Length: 20"
- Width: 13"
- Height: 7"
- Weight: 16 lbs
- Beam: 12°

Capable Luminaire

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and system-level interoperability.

- All configurations of this luminaire meet the Acuity Brands' Specification for chromatic consistency.
- This luminaire is A+ Certified when ordered with DTL controls marked by a shaded background. DTL/DLL equipped luminaires meet the A+ specification for luminaires to photostable interoperability.
- This luminaire is part of an A+ Certified solution for ROAM or XPoint™ Wireless control networks, providing out-of-the-box control compatibility with simple commissioning, when ordered with drivers and control options marked by a shaded background.

To learn more about A+, visit www.acuitybrands.com/lighting.

1. See ordering tree for details.

2. A+ Certified Solutions for ROAM require the order of one ROAM reader per luminaire. Sold Separately. Link to Pricing Link to DTL/DLL.

Ordering Information

EXAMPLE: DSX0 LED P6 40K 3TM MVOLT SPA DBXDB

Series	LED	Color Temperature	Beam Angle	Mounting	Control Options
DSX0	DSX0	4000K	12°	Surface	None
DSX0	DSX0	4000K	12°	Surface	DTL
DSX0	DSX0	4000K	12°	Surface	DTL/DLL
DSX0	DSX0	4000K	12°	Surface	DTL/DLL/XPoint
DSX0	DSX0	4000K	12°	Surface	DTL/DLL/XPoint/ROAM

D-Series Size 1 LED Wall Luminaire

Specifications

- Length: 13 3/4"
- Depth: 13"
- Height: 6 3/8"

Back Box (BBW, ELVCW)

- Depth: 13 3/4"
- Width: 13"
- Height: 6 3/8"

Introduction

The D-Series Wall Luminaire is a stylish, fully integrated LED solution for building mount applications. It features a sleek, modern design and is carefully engineered to provide long and energy efficient lighting with a variety of light and control options for customized performance.

With an expected service life of over 20 year nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSW1 LED 20C 1000 40K 3TM MVOLT DD

Series	LED	Color Temperature	Beam Angle	Mounting	Control Options
DSW1	DSW1	4000K	12°	Surface	None
DSW1	DSW1	4000K	12°	Surface	DTL
DSW1	DSW1	4000K	12°	Surface	DTL/DLL
DSW1	DSW1	4000K	12°	Surface	DTL/DLL/XPoint
DSW1	DSW1	4000K	12°	Surface	DTL/DLL/XPoint/ROAM

LED wall luminaire - directed light

Application

As an overhead luminaire with low mounting heights, it can be used for parking decks, garages or other applications. With high mounting heights it can be used as a wall luminaire that is suitable for large wall spaces.

Material

Luminaire housing constructed of die-cast aluminum, copper free 6063 T5 extruded aluminum, 6061 aluminum alloy. High temperature epoxy powder coat. Mechanically extruded stainless steel fasteners. NEMA rated for North American Standards, suitable for wet locations. Protection class IP64.

Weight: 15 lbs

Electrical

- Operating voltage: 120-277VAC
- Minimum ambient temperature: 32°C
- LED module voltage: 42V
- Supply voltage: 5-8V
- Control: 0-10V dimmable
- Power: 10-30W
- Luminaire Lumen: 3500 Lumen (1000lm)
- Luminaire at 10-15°C: 3500,000 lm (120°)
- Luminaire at 20°C: 448,000 lm (120°)

LED color temperature

- 4000K - Product number = R4
- 5000K - Product number = R55
- 3000K - Product number = R3 EXPRESS

BEGA can supply you an install LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details.

Finish

BEGA standard finishes are matte, outdoor polymer powder coat with minimum 3mil thickness.

Available colors: Black (BLK) White (WHI) RAL Anodized (AN) Bronze (BRZ) Silver (SILV) Custom

Designer
DB
Date
5/1/2019
Scale
Not to Scale
Drawing No.
#18-19607-V4
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