



## Georgetown Charter Township

1515 Baldwin St., Jenison, MI 49428

### Finance Committee Meeting Agenda

February 5, 2020, 8:15 a.m.

1. Call To Order
2. Roll Call
3. Approval Of The Minutes Of The Previous Meeting
4. Liquor License (LIQ2001) For WM Family Fun LLC (Rebounders WM – Family Entertainment Center)

Motion: To recommend to the Township Board to approve the resolution for the (LIQ2001) liquor license **for WM Family Fun LLC (Rebounders WM – Family Entertainment Center), Richard VanDyke**, 7500 Cottonwood, P.P. # 70-14-13-402-008.

Note: all necessary materials have been submitted, including the liquor license application.

#### Documents:

[MLCC LOCAL APPROVAL RESOLUTION.PDF](#)  
[LIQ2001 APPLICATION.PDF](#)  
[BUILDING DRAWING - CURRENT EDITED 1-17-20.PDF](#)

5. Review Lighting Fixture For Township Office Lobby

#### Documents:

[LOBBY LIGHT FIXTURE.PDF](#)

6. Review Township Office/Library HVAC PM Quote
7. Purchase DPW 2020 Pick-Up

#### Documents:

[2020 DPW PICK-UP TRUCK BID TAB.PDF](#)

8. Lakewood Construction 179D Study - Allocation Letter For Signature

#### Documents:

[179D ALLOCATION LETTER - GEORGETOWN TOWNSHIP LIBRARY.PDF](#)

9. A Veteran Helping Veteran Raffle License

Documents:

[GEORGETOWN RAFFLE LICENSE LETTER.PDF](#)

10. Communications, Letters And Reports
11. Public Comments
12. Other Business
13. Adjournment



**Local Government Approval**  
(Authorized by MCL 436.1501)

**Instructions for Applicants:**

- You must obtain a recommendation from the local legislative body for a new on-premises license application, certain types of license classification transfers, and/or a new banquet facility permit.

**Instructions for Local Legislative Body:**

- Complete this resolution or provide a resolution, along with certification from the clerk or adopted minutes from the meeting at which this request was considered.

At a \_\_\_\_\_ meeting of the \_\_\_\_\_ council/board  
(regular or special) (township, city, village)  
called to order by \_\_\_\_\_ on \_\_\_\_\_ at \_\_\_\_\_  
the following resolution was offered: (date) (time)

Moved by \_\_\_\_\_ and supported by \_\_\_\_\_  
that the application from \_\_\_\_\_  
(name of applicant - if a corporation or limited liability company, please state the company name)

for the following license(s): \_\_\_\_\_  
(list specific licenses requested)

to be located at: \_\_\_\_\_

and the following permit, if applied for:

Banquet Facility Permit Address of Banquet Facility: \_\_\_\_\_

It is the consensus of this body that it \_\_\_\_\_ this application be considered for  
(recommends/does not recommend)  
approval by the Michigan Liquor Control Commission.

If disapproved, the reasons for disapproval are \_\_\_\_\_

**Vote**

Yeas: \_\_\_\_\_

Nays: \_\_\_\_\_

Absent: \_\_\_\_\_

I hereby certify that the foregoing is true and is a complete copy of the resolution offered and adopted by the \_\_\_\_\_  
council/board at a \_\_\_\_\_ meeting held on \_\_\_\_\_ (township, city, village)  
(regular or special) (date)

Print Name of Clerk

Signature of Clerk

Date

Under Article IV, Section 40, of the Constitution of Michigan (1963), the Commission shall exercise complete control of the alcoholic beverage traffic within this state, including the retail sales thereof, subject to statutory limitations. Further, the Commission shall have the sole right, power, and duty to control the alcoholic beverage traffic and traffic in other alcoholic liquor within this state, including the licensure of businesses and individuals.

Please return this completed form along with any corresponding documents to:  
Michigan Liquor Control Commission  
Mailing address: P.O. Box 30005, Lansing, MI 48909  
Hand deliveries or overnight packages: Constitution Hall - 525 W. Allegan, Lansing, MI 48933  
Fax to: 517-763-0059

Date received \_\_\_\_\_ New application \_\_\_\_\_ Renewal (Feb 1) \_\_\_\_\_ Transfer \_\_\_\_\_

**LIQUOR LICENSE APPLICATION--Identification number:**

Georgetown Charter Township, 1515 Baldwin St., P.O. Box 769, Jenison MI 49429  
616-457-2340

revised: 1/20/09

**APPLICANT INFORMATION**

INDIVIDUAL OR CO-PARTNERSHIP OR CORPORATION NAME: WM Family Fun LLC		PHONE: 616-455-5600
APPLICANT NAME: Richard Van Dyke		TITLE: Owner / COO
ADDRESS: 7500 Cottonwood	CITY / STATE / ZIP: Jenison MI 49428	

**PROPERTY INFORMATION**

COMPANY NAME and CHARACTER OF BUSINESS: Rebounderz WM - Family Entertainment Center		PHONE: 616-455-5600
OWNER / AGENT NAME: Richard Van Dyke		TITLE: Owner / COO
ADDRESS: 7500 Cottonwood	CITY / STATE / ZIP: Jenison MI 49428	
PARCEL NUMBER: 70-14-13-402-008	ZONING DISTRICT:	

**ADDITIONAL INFORMATION**

LENGTH OF TIME APPLICANT HAS BEEN IN BUSINESS: 4 years

HAS THE APPLICANT MADE APPLICATION FOR A SIMILAR OR OTHER LICENSE ON THE PREMISES IF YES, EXPLAIN. NO

HAS THE APPLICANT EVER BEEN CONVICTED OF A FELONY OR IS THE APPLICANT DISQUALIFIED TO RECEIVE A LICENSE BY REASON OF ANY MATTER OR THING CONTAINED IN THIS ORDINANCE OR ANY OTHER LAW OR ORDINANCE? NO

HAS A SIGNED STATEMENT BEEN SUBMITTED THAT STATES THAT THE APPLICANT WILL NOT VIOLATE ANY LAWS OF THE STATE OF MICHIGAN OR OF THE UNITED STATES OR ANY ORDINANCES OF THE TOWNSHIP IN THE CONDUCT OF BUSINESS? I will not violate the above Richard Van Dyke

HAVE BUILDING PLANS BEEN SUBMITTED SHOWING THE ENTIRE STRUCTURE AND THE SPECIFIC AREAS WHERE THE LICENSE IS TO BE UTILIZED.? YES

HAS A SITE PLAN BEEN SUBMITTED SHOWING THE ENTIRE PREMISES AS PER THE REQUIREMENTS OF THE ORDINANCE? YES

FOR PREMISES PENDING OR UNDER CONSTRUCTION, HAS EVIDENCE BEEN PROVIDED OF THE FINANCIAL CAPABILITY OF THE APPLICANT TO COMPLETE THE DEVELOPMENT? N/A

**APPLICANT SIGNATURE**

IT IS THE APPLICANT'S RESPONSIBILITY TO MEET THE REQUIREMENTS OF TOWNSHIP ORDINANCE IN ALL RESPECTS AND TO PROVIDE THE NECESSARY INFORMATION TO THE TOWNSHIP FOR APPROVAL. PERMISSION IS GRANTED FOR THE TOWNSHIP STAFF TO ENTER THE SUBJECT PROPERTY FOR PURPOSES OF GATHERING INFORMATION TO REVIEW THIS REQUEST.

APPLICANT SIGNATURE: Richard Van Dyke	DATE: 1-20-2020
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**FOR OFFICE USE ONLY**

APPLICATION COMPLETE? _____ FEE PAID? _____ REVIEW? _____	DATE OF TOWNSHIP BOARD MEETING/PUBLIC HEARING:
TREASURER-ANY PAYMENTS OR OBLIGATIONS OWED TO TOWNSHIP?:	DATE APPLICATION APPROVED (FOR ONE YEAR):



Submitted by:		Date:
Type:	Project:	
Ordering Info:		

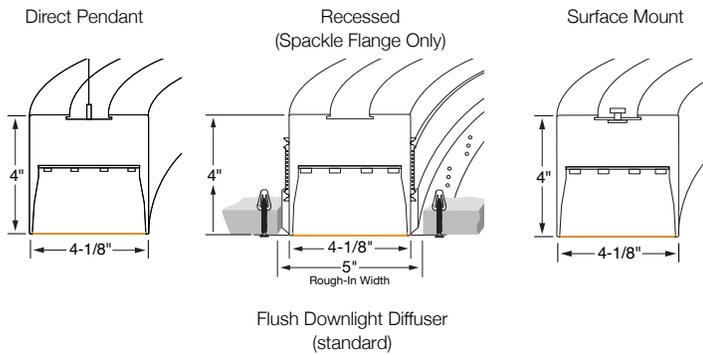
# High Performance 4" Aperture Circle (HP-4 C)



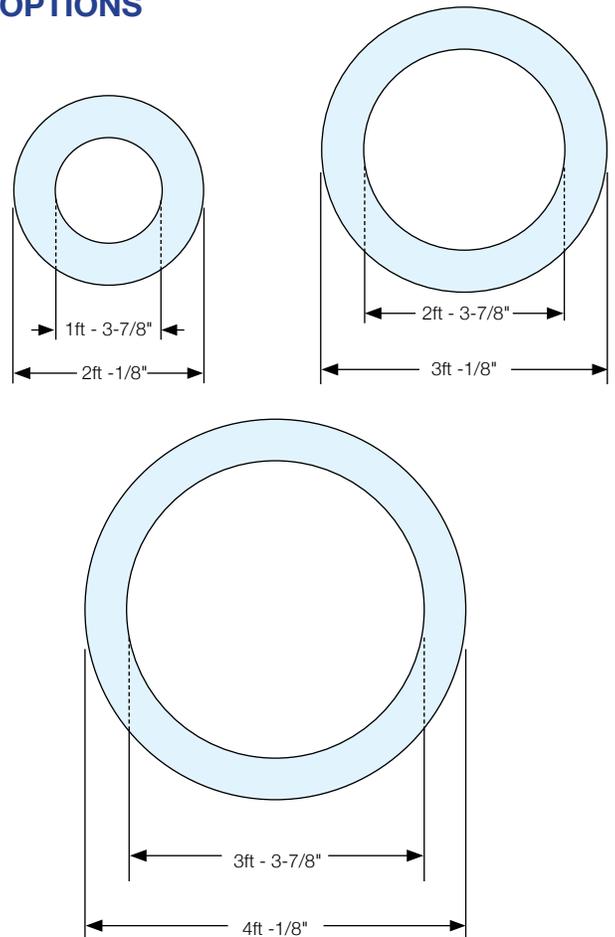
High Performance 4" Aperture Circle (HP-4 C) is a patented, circular LED luminaire. Constructed with an extruded aluminum body and single-piece diffuser, the HP-4 C provides a seamless finish aesthetic. Delivering excellent performance using an advanced optical design and mid-power LEDs to achieve 90% of initial light output at 100,000+ hours.

Signal White is standard finish

## CROSS SECTION



## SIZE OPTIONS



## LUMEN OUTPUT PACKAGES



Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# High Performance 4" Aperture Circle (HP-4 C)

Clear Form

### BODY TYPE

### OUTPUT and LED TYPE

Platform	Series Name	Luminaire Distribution	Luminaire Type	Size (Diameter) <sup>1</sup>	Downlight Output <sup>2</sup>	LED CRI/CCT
HP - High Performance	4 C	D - Direct	<b>P</b> - Pendant <b>R</b> - Recessed (Spackle Flange Only) <b>SM</b> - Surface Mount	2" 3" 4"	<b>S</b> - Standard <b>B</b> - Boosted Standard <b>H</b> - High <b>V</b> - Very High <b>TL</b> - Tailored: _____lm/ft	<b>830</b> - 80 CRI, 3000K <b>835</b> - 80 CRI, 3500K <b>840</b> - 80 CRI, 4000K <b>930</b> - 90 CRI, 3000K <b>935</b> - 90 CRI, 3500K <b>940</b> - 90 CRI, 4000K <b>8TW</b> - 80 CRI, Tunable White <b>9TW</b> - 90 CRI, Tunable White

### MECHANICAL OPTIONS

### ELECTRICAL OPTIONS

Downlight	Reflector System	Voltage	Circuiting <sup>3</sup>	Driver Selection <sup>4</sup>	
F - Flush	96 - 96 Low Gloss	120 - 120 Voltage 277 - 277 Voltage 347 - 347 Voltage	SC - Single Circuit	<b>0-10V Driver Options</b> <b>FC-10%</b> - 0-10V 10% <sup>5</sup> (standard) <b>FC-1%</b> - 0-10V 1% <sup>5</sup> <b>OSR-10%</b> - Osram OTI, 0-10V 10% <sup>5</sup> <b>OSR-1%</b> - Osram OTI, 0-10V 1% <sup>5</sup> <b>ELD-10V-0%</b> - EldoLED SOLOdrive, 0-10V 0.1% <sup>6</sup> <b>ELD-10V-1%</b> - EldoLED SOLOdrive, 0-10V 1% <sup>6</sup> <b>OSR-10V-TW</b> - Osram OTI, 0-10V 10% (Tunable White) <sup>5</sup> <b>DALI Driver Options</b> <b>FC-DALI-1%</b> - DALI 1% <b>OSR-DALI-1%</b> - Osram Dexal, 1% <b>ELD-DALI-0%</b> - EldoLED SOLOdrive, DALI 0.1% <b>ELD-DALI-TW</b> - EldoLED DUALdrive LightShape, 1% (Tunable White)	<b>DMX Driver Options</b> <b>FIN-DMX</b> - Finelite DMX 1% (Tunable White - FineTUNE Controls Only) <sup>7</sup> <b>Lutron Driver Options</b> <sup>6</sup> <b>LUT-ES1</b> - Lutron, Ecosystem 1% <b>LUT-ES5</b> - Lutron, Ecosystem 5% <b>LUT-2W</b> - Lutron, 2-wire (120v only) 1% <b>LUT-TW</b> - Lutron T-Series, EcoSystem 1% (Tunable White)

See Page 3 for additional driver options and details

### MOUNTING TYPE

### OTHER OPTIONS

Mounting Method	Ceiling Hardware Type <sup>10</sup>	Finish	Emergency Style (Optional)	Special Options (Optional)
<b>FA50</b> - Fully Adjustable 50" <sup>8</sup> <b>FA100</b> - Fully Adjustable 100" <sup>8</sup> <b>FA150</b> - Fully Adjustable 150" <sup>8</sup> <b>FA200</b> - Fully Adjustable 200" <sup>8</sup> <b>FA250</b> - Fully Adjustable 250" <sup>8</sup> <b>FA300</b> - Fully Adjustable 300" <sup>8</sup> <b>SF</b> - Spackle Flange <sup>9</sup>	<b>C1</b> - 1" T-Bar <b>C2</b> - 9/16" T-Bar <b>C3</b> - Screw Slot <b>C4</b> - Hard Ceiling	<b>SW</b> - Signal White <b>FB</b> - Finelite Black <sup>11</sup> <b>SA</b> - Satin Aluminum <sup>11</sup> <b>RAL</b> - RAL Color Code _____ <b>99</b> - Custom Color <sup>11</sup>	EM/GEN - Emergency to Generator	CP - Chicago Plenum <sup>8</sup>

<sup>1</sup> Normal size  
<sup>2</sup> Contact factory for tailored lumen output  
<sup>3</sup> Contact factory for switching options  
<sup>4</sup> See page 3 for more details  
<sup>5</sup> Add DTO to gain "Dim to Off" functionality (FC-10% - DTO)  
<sup>6</sup> 3" & 4" diameters only  
<sup>7</sup> B & V outputs only  
<sup>8</sup> Pendant only  
<sup>9</sup> Recessed only  
<sup>10</sup> Pendant and Surface Mount only  
<sup>11</sup> 10-working day shipping not available

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# High Performance 4" Aperture Circle (HP-4 C)

## SUPPLEMENTARY DRIVER PAGE

### 0-10V Driver Options

<b>FC-10%</b>	Factory choice 0-10V 10% Dimming ( <a href="#">Linear</a> )
<b>FC-10%-DTO</b>	Factory choice 0-10V 10% Dimming, Dim-to-Off ( <a href="#">Linear</a> )
<b>FC-1%</b>	Factory choice 0-10V 1% Dimming ( <a href="#">Linear</a> )
<b>FC-1%-DTO</b>	Factory choice 0-10V 1% Dimming, Dim-to-Off ( <a href="#">Linear</a> )
<b>ELD-10V-0%<sup>1</sup></b>	EldoLED SOLOdrive, 0-10V 0.1% Dimming ( <a href="#">Linear</a> )
<b>ELD-10V-1%<sup>1</sup></b>	EldoLED SOLOdrive, 0-10V 1% Dimming ( <a href="#">Linear</a> )
<b>OSR-10vTW</b>	Osram OTi, 0-10V 10% Dimming, <i>Tunable White</i> ( <a href="#">Linear</a> )
<b>OSR-10vTW-DTO</b>	Osram OTi, 0-10V 10% Dimming, Dim-to-Off, <i>Tunable White</i> ( <a href="#">Linear</a> )
<b>OSR-10%</b>	Osram OTi, 0-10V 10% Dimming ( <a href="#">Linear</a> )
<b>OSR-10%-DTO</b>	Osram OTi, 0-10V 10% Dimming, Dim-to-Off ( <a href="#">Linear</a> )
<b>OSR-1%</b>	Osram OTi, 0-10V 1% Dimming ( <a href="#">Linear</a> )
<b>OSR-1%-DTO</b>	Osram OTi, 0-10V 1% Dimming, Dim-to-Off ( <a href="#">Linear</a> )

### DALI Driver Options<sup>1</sup>

<b>FC-DALI-1%</b>	Factory choice DALI 1% Dimming ( <a href="#">Logarithmic</a> )
<b>OSR-DALI-1%</b>	Osram Dexal, DALI 1% Dimming ( <a href="#">Logarithmic</a> )
<b>ELD-DALI-0%</b>	EldoLED SOLOdrive, DALI 0.1% Dimming ( <a href="#">Logarithmic</a> )
<b>ELD-DALI-1%</b>	EldoLED SOLOdrive, DALI 1% Dimming ( <a href="#">Logarithmic</a> )
<b>ELD-DALI-TW</b>	EldoLED Dual Drive Light Shape, DALI 1% Dimming, <i>Tunable White</i> ( <a href="#">Logarithmic Dimming</a> , <a href="#">Linear CCT Control</a> )

### DMX Driver Options

<b>FIN-DMX<sup>2</sup></b>	Finelite DMX 1% Dimming, <i>Tunable White</i> - <b>FineTUNE Controls Only</b> ( <a href="#">Linear</a> )
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### Lutron Driver Options<sup>1</sup>

<b>LUT-ES1</b>	Lutron, Ecosystem 1% Dimming
<b>LUT-ES5</b>	Lutron, Ecosystem 5% Dimming
<b>LUT-2W</b>	Lutron, 2-wire (120v only) 1% Dimming
<b>LUT-TW</b>	Lutron T-Series, EcoSystem 1% Dimming, <i>Tunable White</i>

<sup>1</sup> 3' & 4' diameters only  
<sup>2</sup> B & V outputs only

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# High Performance 4" Aperture Circle (HP-4 C)

## SPECIFICATIONS

### BODY TYPE

**CONSTRUCTION:** Precision-cut 6063-T4 extruded aluminum with 16 gauge steel assembly body.

**SIZES:** Circles are available in nominal diameters of 2', 3' and 4'.

### ARRAY TYPE

**LIGHT OUTPUT:** Four lumen packages available, Standard (**S**), Boosted Standard (**B**), High (**H**), and Very High (**V**). A separate chart summarizes lumen distribution and wattage. Light engines are replaceable.

### MECHANICAL FEATURES

**DOWNLIGHT DIFFUSER:** Single piece, seamless lens. Flush frost white snap-in lens standard, 80% transmissive, 99% diffusion.

**LUMEN MAINTENANCE:** 90% of initial light output (L90) at 100,000+ hours; 70% of initial light output (L70) at 200,000+ hours.

**REFLECTORS:** Die-formed 20-gauge cold-rolled steel reflectors finished in 96LG High Reflectance white powder coat paint.

### ELECTRICAL FEATURES

**STATIC FEED:** Standard with one 18-gauge/5-conductor single-circuit feed.

**TUNABLE WHITE FEED:** Standard with one 18-gauge/5-conductor single-circuit feed. DMX and power feed at same location (standard). DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths.

**STATIC DRIVER:** Replaceable 120V/277V Constant Current Reduction dimming driver standard. Can be wired dimming or non-dimming. 0-10V dimming controls with a range of 10%- 100% standard. Dimming to 1% available. Driver is fully accessible from below the ceiling. Power Factor:  $\geq 0.9$ . Total Harmonic Distortion (THD)  $< 20\%$ . Expected driver lifetime: 100,000 hours.

### LUTRON STATIC DRIVER OPTIONS <sup>1</sup>:

**LUTES1** (Hi-lume 1% EcoSystem with Soft-On, Fade to Black dimming (LDE1 series)); **LUTES5** (5-Series 5% EcoSystem (LDE5 Series)); **LUT2W** (Hi-lume 1% 2-wire, 120V forward phase dimming (LTEA series))

**TUNABLE WHITE DRIVER:** Replaceable LED driver. Driver is accessible from below the ceiling. 120V/277V. Power factor  $\geq 0.90$ . Total Harmonic Distortion (THD):  $< 20\%$ . Dimming Range: 100 - 1%. Expected driver lifetime: 100,000 hours.

**LUTRON TUNABLE WHITE DRIVER OPTION <sup>1</sup>: LUTDTW** (1% T-Series 2-Channel Digital Tunable White (PSQ Series)).

### MOUNTING TYPE

**MOUNTING: Pendant:** 50" to 300" Fully Adjustable (**FA**) plated steel aircraft cable with safety stop hardware standard. Mounted with three equidistant vertical suspension cables. **Recessed Spackle Flange:** Drywall surfaces (walls or ceilings): 1/4 - 20 stud and nut (provided by others). Mounted with three equidistant suspension points. **Surface Mount:** Lay-in ceiling types: caddy clip with 1/4 - 20 stud and nut. Drywall or concrete surfaces (walls or ceilings): 1/4 - 20 stud and nut (provided by others). Mounted with three equidistant suspension points.

**TUNABLE WHITE DMX MOUNTING:** For grid ceiling applications the dual GridBox™ mounting is supplied (standard). For hard ceiling applications the ceiling mounting box is supplied (standard). DMX feeds cannot be cut or spliced. DMX feeds should be ordered based on fixed lengths. Available DMX pendant feed lengths are 5', 12', and 30' (5' standard).

**TUNABLE WHITE DMX INTERCONNECTION CABLES:** Luminaires are prewired with plug-and-play interconnection cables to support easy plug-together joining of fixture runs. If a non-FineTune DMX system has been specified, a DMX to RJ45 converter is provided.

### OTHER FEATURES

**ELECTRICAL:** Optional emergency to generator/inverter wiring.

**FINISHES:** Finelite Signal White (**SW**) powder coat standard. Finelite Black (RAL 9005) with semi gloss fine texture (**FB**)<sup>2</sup> and Satin Aluminum (**SA**)<sup>2</sup> are available. Optional Adders: 185 RAL colors<sup>2</sup>.

### TUNABLE WHITE ELECTRICAL:

- Emergency Option DALI: emergency-to-generator/ Inverter wiring
- Emergency Option LUTRON: emergency-to-generator/ inverter wiring

**LABELS:** Luminaire and electrical components are ETL-listed conforming to UL 1598 in the U.S.A. and CAN/CSA C22.2 No. 250.0 in Canada. In accordance with NEC Code 410.130 (G), this luminaire contains an internal driver disconnect. UL 2108 - PoE options available on request, contact factory for more details. These fixtures are rated for Damp Location. Finelite products use electronic components that are RoHS compliant, and the mechanical components of the luminaire have been verified to not knowingly contain any restricted substances listed per RoHS Directive 2015/863/EU.

**WEIGHTS:** Direct (pendant and surface mount): 2' = 37 lbs, 3' = 56 lbs, 4' = 76 lbs; Recessed (spackle flange): 2' = 40 lbs, 3' = 60 lbs, 4' = 82 lbs.

**WARRANTY:** 10-year performance-based warranty on all standard components. Optional accessories are covered by their individual manufacturer warranties.

<sup>1</sup> 3ft & 4ft only

<sup>2</sup> 10-working day shipping not available

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# High Performance 4" Aperture Circle (HP-4 C)

## Static White Photometry - 4' Circle

### HP-4C-D-P-4'-V-835

**Efficacy:** 100 lm/W

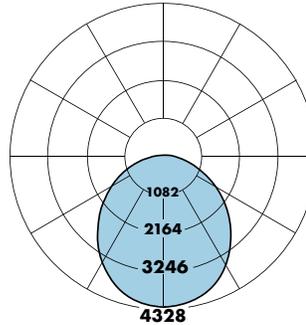
**Total luminaire output:** 11311 lumens  
113 watts (9.0 watts/foot<sup>3</sup>)

**Peak Candela Value:** 1251 @ 0°

CRI: 80

CCT: 3500K

ITL LM79 Report 91221



	0.0	22.5	45.0	67.5	90.0	FLUX
0	1251	1251	1251	1251	1251	
5	1243	1244	1247	1249	1250	119
15	1187	1188	1204	1210	1210	338
25	1077	1082	1106	1116	1117	507
35	924	940	973	986	987	603
45	752	779	818	836	841	623
55	569	604	651	677	683	572
65	382	425	477	510	520	462
75	199	249	307	345	358	312
85	50	104	165	206	219	170
90	10	61	120	160	173	
95	8	57	111	147	159	109
105	6	48	96	127	138	91
115	5	39	82	109	118	72
125	4	30	66	89	97	53
135	3	21	50	69	76	35
145	2	12	32	50	55	19
155	1	5	17	30	34	8
165	1	1	6	11	15	2
175	0	0	0	0	0	0
180	0	0	0	0	0	0

Total Light Output, 3500K, 80 CRI (Lumens)				
	S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
2'	2377	2988	4516	5806
3'	3934	4945	7474	9610
4'	4630	5821	8797	11311

Power, 3500K (Watts Per Foot) <sup>3</sup>				
	S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
2'	3.6	4.6	7.1	9.2
3'	4.0	5.1	7.8	10.2
4'	3.5	4.5	6.9	9.0

Efficacy, 3500K, 80 CRI (Lumens Per Watt)				
	S <sup>1</sup>	B <sup>1</sup>	H <sup>1</sup>	V <sup>2</sup>
2'	105	104	101	100
3'	105	104	101	100
4'	105	104	101	100

### Sample Lumen Adjustment Calculation

Lumen Adjustment Factors 80 CRI	
3000K	0.985
3500K	1.000
4000K	1.032

Lumen Adjustment Factors 90 CRI	
3000K	0.746
3500K	0.760
4000K	0.789

High Output (H), 2', 4000K, 90 CRI

Lumen Adjustment Factor: 0.789

Total Light Output: 4516 lm x 0.789 = 3563 lm

Total Light Output per Foot: 717 lm/ft x 0.789 = 566 lm/ft.

watts/foot: 7.1 W/ft.

$$\text{Efficacy} = \frac{566 \frac{\text{lm}}{\text{ft.}}}{7.1 \frac{\text{W}}{\text{ft.}}} = 80 \text{ lm/W}$$

S - Standard Output, B - Boosted Standard Output, H - High Output, V - Very High Output

<sup>1</sup> Family Correlation based on 4' Circle, 3500K, Very High Output (V) test - 120V.

<sup>2</sup> Based on ITL report: 91221

<sup>3</sup> Watts per foot calculated using approximate outer circumferences of 6.3', 9.4', & 12.6' respectively for 2', 3', & 4' circles

Protected by one or more US Patents: 8915613; D702,391; D702,390; D700,732

Submitted by:		Date:
Type:	Project:	
Ordering Info:		

# 0-10V Tunable White

Finelite's award-winning, contractor friendly Tunable White luminaires are available at low cost, with powerful and simple 0-10V tuning and intensity controls.

## TUNABLE WHITE FEATURES

- CCT range: 2700K - 6500K
- Dimming Range: 100% to 10%
- CRI Options: 80 CRI or 90 CRI

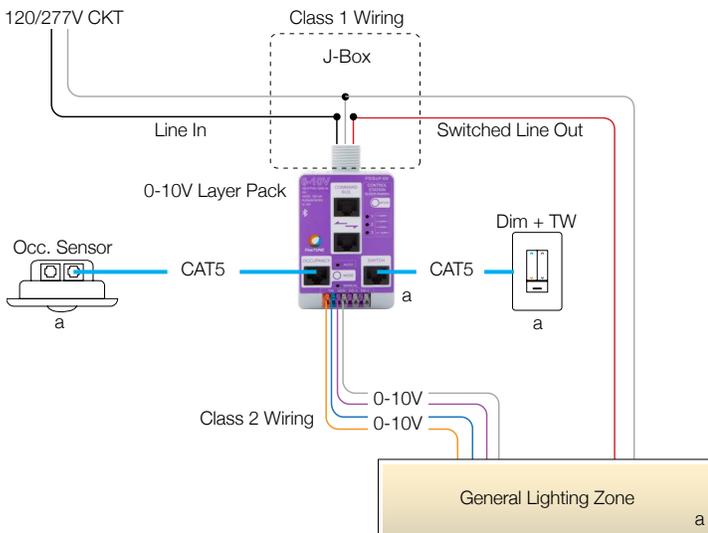
## PHOTOMETRY

Apply a power adjustment factor to calculate wattage usage

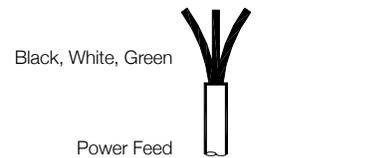
POWER	CONVERSION FACTOR
	<b>1.1X</b>

(Example: a 50 watt luminaire in static white would draw 55 watts using 0-10V Tunable White)

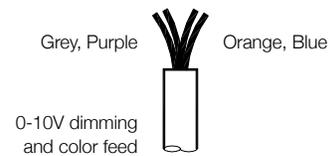
## WIRING DIAGRAM - DIMMABLE TO 10%



## DUAL FEED DETAIL



WIRING LEGEND		
<b>Black</b>	Hot	Line Voltage
<b>White</b>	Neutral	Line Voltage
<b>Green</b>	Ground	



WIRING LEGEND		
<b>Grey</b>	Dimming	0-10V DC
<b>Purple</b>	Dimming	0-10V DC
<b>Orange</b>	TW	0-10V DC
<b>Blue</b>	TW	0-10V DC

### Luminaire Wiring

- **Purple (+) / Gray (-)** control wires are for intensity control
- **Orange (+) / Blue (-)** control wires are for Tunable White control

**Note:**  
Load or Dim to Off options available.





**Bid Date:** January 23, 2020      **Bid Time** 10:00 AM

**Owner:** Georgetown Charter Township

**Project Title:** 2020 DPW Pick-Up Truck

Dealer	Bid Amount	Additional Info
<b>Todd Wenzel Chevrolet</b>	<b>\$27,498.00</b>	
<b>Preferred Chevrolet</b>		
<b>Betten Baker Dodge</b>		
<b>Crown Motors CDJ</b>	<b>\$26,498.00</b>	
<b>Ziegler Dodge</b>		
<b>Fox Ford</b>		
<b>Keller Ford</b>		
<b>Barber Ford</b>	<b>\$29,009.00</b>	
<b>Borgman Ford</b>		
<b>Fox Buick GMC</b>	<b>\$39,757.25</b>	
<b>Elhart GMC</b>		
<b>Preferred GMC</b>		
<b>Berger Chevrolet</b>	<b>\$26,895.00</b>	



## **SECTION 179D ENERGY EFFICIENT COMMERCIAL BUILDINGS DEDUCTION** **ALLOCATION FORM**

As part of the Energy Policy Act of 2005, Congress enacted Section 179D of the Internal Revenue Code to encourage the design and construction of energy efficient buildings. Per IRC §179D(d)(4) and Notice 2008-40, building owners of energy efficient commercial buildings may take a deduction arising from the installation of energy efficient commercial building property as part of the interior lighting, HVAC and hot water systems, or building envelope systems. If the building owner is a government entity, they may allocate the deduction to a designer of the energy efficient commercial building property. A review of all energy efficient systems in the allocated building(s) will be performed on behalf of the building owner. If allocable deductions are identified, they will be allocated to the eligible designers as identified below.

*Lakewood Construction* created technical specifications for the installation of the energy efficient commercial building property which resulted in reduced energy consumption and is eligible to be allocated the 179D Energy Efficient Commercial Building Deduction. Specifically, *Lakewood Construction* provided input into the creation of technical specifications through the following:

*Lakewood Construction* was the design-build contractor for this addition and renovation to the Georgetown Township Library. *Lakewood Construction* created the construction drawings and specifications and completed the construction for this project.



The role of the allocating government entity is to confirm the scope of work performed and related information provided herein as eligible to pursue for the IRC §179D deduction by the taxpayer seeking the allocation, and not for determining if in fact the commercial building property is energy efficient.

*Georgetown Township* hereby allocates *Lakewood Construction* the Section 179D deduction for the property described below:

<b>Georgetown Township Building Information</b>				
<b>Property Name</b>	<b>Property Address</b>	<b>Placed in Service</b>	<b>Cost of Property</b>	<b>Allocation Percentage</b>
Georgetown Township Library	1525 Baldwin St. Jenison, MI 49428	October 2019	\$12,023,167	100%

Following a third-party certification by a licensed professional engineer or contractor in the jurisdiction of the building, *Georgetown Township* will be provided with a summary analysis detailing the energy-saving improvements and the final Section 179D deduction amount.

The authorized owner representative is not responsible for certification of the energy efficient commercial building property. The taxpayer receiving the allocation is solely responsible for obtaining the required certification and onsite verification and for ensuring their accuracy and substance.



### Georgetown Township Representative Information

<b>Representative Name:</b>	
<b>Government Entity Name:</b>	<i>Georgetown Township</i>
<b>Title:</b>	
<b>Mailing Address:</b>	
<b>Telephone Number:</b>	
<b>E-mail:</b>	

### Lakewood Construction Representative Information

<b>Representative Name:</b>	Nick Nykerk
<b>Eligible Taxpayer Entity Name:</b>	<i>Lakewood Construction</i>
<b>Title:</b>	President
<b>Address:</b>	11253 James St. Holland, MI 49424
<b>Telephone Number:</b>	616-392-6923
<b>Representative E-mail:</b>	nnykerk@lakewoodinc.com

Under penalties of perjury, I declare that I have examined this allocation, including accompanying documents, and to the best of my knowledge and belief, the facts presented in support of this allocation are true, correct, and complete.

**AGREED TO AND ACCEPTED:**

\_\_\_\_\_  
Signature (Georgetown Township Representative)

\_\_\_\_\_  
Signature (Lakewood Construction Representative)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

1/28/2020

A Veteran Helping Veteran, Inc is a Veteran run non-profit based in Jenison, MI. A Veteran Helping Veteran (AVHV) would like to have a Raffle drawing at the Veteran and First Responder Festival Event we are hosting on May 9<sup>th</sup>, 2020 in Hudsonville, MI. AVHV has turned in the paperwork with Georgetown Township for them to fill out so that we can apply for the Gaming License with the State of Michigan.

At this time, we do not know what items or the total dollar amount of the raffle items. As we need the approval from the state before we can advertise for a raffle or ask for donations. Examples could include items from Fastenal, local restaurants, etc... Where the total combined amount will exceed the \$100 total value that the state has deemed necessary to have a license. Please see attached form for reference (page 4, #7 iv), we do not qualify for that exemption, so we need a license.

Thank you,

A Veteran Helping Veteran, Inc

3285 Bauer Rd

Jenison, MI 49428

910.583.6576 Adam Small, Founder and President