

ENCELIUM® Energy Management System REQUEST FOR START UP SERVICES

		LITOLLIOIVI							
Project Name:				Project Number:					
OSRAM Project Manager:				Telephone:					
Installer Contact Name: Telephone: Cell: Email:				Customer IT Contact Name: Telephone: Cell: Email:					
Cust	omer Coi	ntact Name:		Job Site Address:					
Telephone: Cell:		Email:		Job Site Address:					
1.	All ass	ociated lighting fixtures and con-	trols are installed and energized.						
2.	2. All ENCELIUM EMS equipment is installed according to specifications.								
	•	All ECUs and Network Switch(s) are installed and connected to r	on-backup 120V power	source.				
	•	ECUs are interconnected via su	upplied CAT5 cable to the Network	Switch (If more than or	ne ECU is present).				
All ENCELIUM control devices are installed as per drawings and specifications.									
	•	GreenBus cables are installed,	terminated, secured, and strain re	lieved per installation d	rawing or as-built.				
 All channel end nodes have been tested with ENCELIUM GreenBus Diagnostic Tool (GBDT) or Installation Test Tool (ITT). 									
3.	ENCEL	IUM EMS equipment has been co	onnected to customer LAN (if app	licable).					
4. Addit	4. Remote Access is configured and connected (if applicable). Additional Comments:								
5. T	he follow	ring equipment is available, to th	e Start Up Technician if required:						
				Extension Ladder					
 Qualified electrician (for troubleshooting installation) Ladder 				Lift equipment with qualified operator					
6.	Access	for Start Up Technician to all bu	uilding areas with ENCELIUM EMS	components is availab	ole.				
	•	Security card or key access is	required on this site. Acces	s restricted to the followi	ng hours:				
7.	Specia	l authorization, safety training, or	PPE (personal protective equipm	ent) is required for acces	ss to this site.				
De	etails:								
8.	Person	responsible for EMS operation a	after start up - <i>Name:</i>	Cell:	E	mail:			
9.	Recipie	ents of Administrator Training have	e been identified. List of pe	rsonnel attached					
10. Training has been scheduled for (date/time):					Training is conduct trips for unschedule travel costs.	ed at the end of Startup. Returned ed Training is subject to additional			
		Four weeks advan	ced notice is require	d to schedule s	tartup services	S			
Requested Start Up Date: Authorized Requesto			Authorized Requestor:	Signature: _		Date:			
T C N	O THE R ON YOUR MAY WILL	EQUESTED START-UP DATE AN REPRESENTATIONS TO SCHEE	ID THAT ALL INFORMATION PRO DULE PERSONNEL AND COMMIT	VIDED IS ACCURATE. RESOURCES (INCLUDI	YOU ALSO ACKNOW! NG TRAVEL COSTS A	CIFICATIONS AND TESTED PRIOR LEDGE THAT OSRAM IS RELYING IND EXPENSES), AND THAT YOU IF AN INCOMPLETE, UNTESTED, OR			

12. PLEASE RETURN THIS FORM BY E-MAIL TO YOUR OSRAM PROJECT MANAGER AT:

Sequence of Operations

The Encelium Energy Management System has several programmable features to maximize the energy saving benefits of the six strategies while matching the system's performance to the occupants' needs. This document lists the default values for the most common parameters. These parameters can be modified as specifically as required (within the capabilities the equipment specified for the project) by editing those parameters on the full form (see project Encelium Project Manger for excel sheet). Advance functions must be specified on the full form or a drawing notation specified. The descriptions and acceptable values are listed as notes on the cells on the electronic copy or can be found in the index tab/section.

If no modifications are made or specified, the system will be programmed with the default values listed below. This form or any references must be submitted prior to site visit.

Task Tuning (for dimming fixtures):

Max allowable light level:	100%	(note that the user scale is still 0-100%)				
Default level (i.e. "scene"):	90%	("automatic scene for that time of day")				
Use of Scenes:	No					
Occupancy Sensor Control:						
Automatic On/Automatic Off:	Yes					
Time-Out Setting:	11 minutes	(Hardware set to 10 min/Software set to 10 min)				
		EC responsibility to verify hardware timeout				
Smart Time Scheduling:						
Weekday ON/OFF:	8 a.m./ 6 p.m.					
Weekend ON/OFF:	None					
Extension Time:	2 hours					
Flickwarn:	3 minutes					
Daylight Harvesting:						
Strategy:	Standard					
Manual Control of Scenes (use of Scene Controll	er)					
Scene 1:	90% all lights in r	oom (Up to permitted Task Tuned Level)				
Scene 2:	Dim to 60%, all lights in room					
Scene 3:	Dim to 30%, all lights in room					
Manual Control of Zones (use of Zone Controller)						
Zone 1:	Closest logical grouping to switch; 30 min extension					
Zone 2:	Next closest grou	closest group to switch; 30 min extension				
Zone 3:	Furthest logical gr	ouping from switch; 30 min extension				
Manual Control of Single Zone (wall station only)						
Time Extension:	30 min					
Personal Control (use of PC control):	None					
Variable Load Shedding Strategy:	No lights participating					
Comfort Zones:	Determined by Technician					
Approval						
The system should be assessed as	مرد واور و والا والجانب ا	foult a station of				
☐ The system should be programmed	i with the above de	rauit settings				
☐ The system should be programmed	d with the above deafult setting EXCEPT with the changes					
noted in the attached supplement	al pages or otherwi	se noted/instructed.				
Approved By:		Signature:				
(print name)						
Contact phone #		EG008R00				



Startup Datasheet

Site Status (New/Existing)			Project Type (Retro/New)							
Network Information										
Device Name 1:	IP Addre		Subnet:	•	Gatewa	y:				
Device Name 2:	IP Addre	ess:	Subnet:		Gatewa					
Device Name 3:	IP Addre		Subnet:		Gatewa					
Device Name 4:	IP Addre	ess:	Subnet:	Gatew						
Device Name 5:	IP Addre	ess:	Subnet:							
Device Name 6:	IP Addre	IP Address:		Subnet: Gatev						
Device Name 7:	IP Addre	IP Address:		Subnet:		y:				
Device Name 8:	IP Addre	ess:	Subnet:			y:				
Device Name 9:	IP Addre	IP Address:		ubnet: (y:				
Device Name 10:	IP Addre	ess:	Subnet:	Gate		y:				
	•	Additional Network [Devices can be attached sepa	arately.	•					
Remote Access Method/Notes										
Interfaces										
BACnet:	Niagara:		AV:		PCS/PCW	<i>l</i> :				
Interface Notes:										
Integrator Contact 1:		Integrator Telephone:		Integrator Contact Email:						
Integrator Contact 2:		Integrator Telephone:		Integrator Contact Email:						
Touchscreen:			Number of Touc screens	ch .						
Touchscreen SOO File:										
		Informa	ation Location	ו	<u> </u>					
Install Drawing File			Fixture Schedule							
SOO Completion Date:			Project Spec. File	e						
Title 24 Required		Title 24								
Retro: Old Equipmen	t	Documentation:								
Data		2rd Por	ty Commissioning							
3 rd Party			ty Commissioning		ı					
Commissioning Agent		3 rd Party Comm Tele.	l.	3 rd Part Email	y Comm.					
3 rd Party Comm. Docs:		•		•	'					
	Other Information									