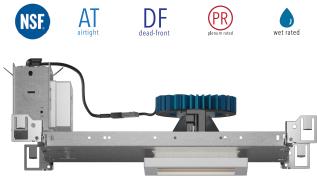
NU4

4" Square Downlight Tamper Resistant Standard White









eldoLED



ENGINE	LUMENS	WATTAGE
10LM	840LM @30K/80CRI	9W
15LM	1200LM @30K/80CRI	14W
20LM	1680LM @30K/80CRI	16W
25LM	2000LM @30K/80CRI	20W
30LM	2520LM @30K/80CRI	24W
35LM	2940LM @30K/80CRI	28W
40LM	3360LM @30K/80CRI	32W
10LM	710LM @30K/90CRI	9W
15LM	1020LM @30K/90CRI	14W
20LM	1420LM @30K/90CRI	16W
25LM	1700LM @30K/90CRI	20W
30LM	2100LM @30K/90CRI	24W
35LM	2500LM @30K/90CRI	28W
40LM	2850LM @30K/90CRI	32W
Notes	Delivered lumens based optic with no lens, (see	
	CAS	MB

MICROBAN

60° - 80° BEAM

(Note: Specifications are subject to change without notice) 14mm COB PERFORMANCE DATA

NOMINAL DELIVERED SYSTEM

LED LIGHT

Trimless

Trimless Millwork

FEATURES

- Designed to meet NYS-OMH rigorous requirements
- Spun aluminum frame with stainless steel tamper
- resistant screws
- · Polycarbonate (3mm) shatter proof lensing
- Optical beam control 30° to 70°
- UGR <15
- Antimicrobial (Microban[®]) painted finishes

LED

- 90 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66,000 hrs
- 80 CRI: SDCM = 2-step MacAdam Ellipse, Lumen Maintenance: L₇₀ > 66.000 hrs

FIXTURE HEIGHT

DIMMING AND CONTROLS

- eldoLED flicker free 0-10V dimming to 0% and 1%
- eldoLED flicker free DALI dimming to 0% and 1%
- DMX dim to zero
- Lutron Hi-lumen 2-Wire (Eco System) dimming to 0.1% and 1%
- . Leading & trailing edge (Triac/ELV) dimming to 1%
- Casambi bluetooth dimming to 1%
- NLight control interface dimming to 0%

LISTING

- ULus Listed to UL1598 & UL2108: cUL Listed to CSA C22.2 #250.0
- IP65 with lens Suitable for wet locations
- Non-conductive, dead-front construction (shower approved)
- NSF/ANSI-2 with lens (Non-Food and Splash Zones)
- NYSOMH New York State Office of Mental Health compliant
- 5 Year Limited warranty

CONSTRUCTION

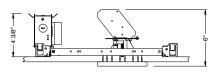
- Aluminum 6061 lensing frame
- 18-8 stainless steel tamper resistant screws
- Shatter resistant Polycarbonate (PC) lensing
- · Electrocoated 16-gauge cold rolled steel construction
- Accommodates ceiling thickness from 1/8" to 1-5/8"

ELECTRICAL

- 120V-277V, 120 only Triac / ELV
- Power factory ≥ 0.9
- 2kV driver input surge protection
- Remote emergency test switch
- 7W, 10W (T20 CEC) and 12W EM 90min battery
- Max. ambient installation temperature 95°F (35°C)

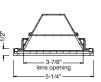
LED LIGHT ENGINE: 10LM - 30LM Ξ ГIJ

LED LIGHT ENGINE: 35LM - 40LM





ceiling cutout 4-1/4" square ceiling thickness 1/8" to 1-5/8 "



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PROJECT INFO	RMATION		
OB NAME		ТҮРЕ	
DRDERING CODE			

60°- 80° BEAM ORDERING CODE											
SERIES	NU4	NU4	NU4								
ТҮРЕ	QDTR	square d	ownlight tamp	er re	esist	ant					
LED	SW	standard	white								
	10LM	840 lm									
	15LM	1200 lm	1200 lm								
	20LM	1680 lm									
	25LM	2000 lm									
DELIVERED	30LM	2520 lm									
LUMENS	35LM	2940 lm									
	40LM	3360 lm									
	Standard Co	nfiguration:	3000K 80CRI WH8	0							
	Calculated E Multiplier]	elivered Lur	nens = [Delivered	Lume	n Val	ue] x	CCT N	Aultip	lier] x	[Refl	ector
	27K	2700K	CCT	270	00K	300	00K	350	00K	400	ок
	30K 3000K CF		CRI	80+	90+	80+	90+	80+	90+	80+	90+
CCT	35K	3500K	CCT MULTIPLIER FOR	0.96	0.81	1.00	.85	1.03	.88	1.06	.91
	40K	4000K	LUMEN OUTPUT								
0.51	80	80 CRI									
CRI	90	90 CRI									
	HE60	60° high efficiency diffused lens (0.94)									
OPTIC &	HE70	70° high efficiency diffused lens (0.98).98)			
LM MULTIPLIER	HE80).97)				
SEE PAGE 3	D65	65° diffus	sed with clear	lens						(1.00)	
	WH80	80° brillia	ant white with	clea	ır ler	IS).98)
	BK	black								-	-
TRIM	WH	white									
COLOR	МС	matte ch	rome								
SEE PAGE 3	Antimicrobia	l finish, add A	M to black, white	or ma	tte ch	irome	i.e. B	KAM.			
	Includes sha	tter proof len	s and tamper resis	tant s	screw	s.					
BEZEL	BK	black									.98)
COLOR	WH	white								(1.	00)
SEE PAGE 3	МС	matte ch								(0	.99)
	Antimicrobia	l finish, add A	M to black, white	or ma	tte ch	irome	i.e. B	KAM.			

PROJECT INFORMATION					
JOB NAME		TYPE			
ORDERING CODE					

60°- 80° BEAM ORDERING CODE					
MOUNTING	NC	new construction with ceiling fitting plate			
OPTIONS SEE PAGE 5	RET	retrofit, no ceiling fitting plate			
VOLTAGE	120	120V			
VOLTAGE	UNV	120V-277V			
	DIM10	eldoLED flicker free 0-10V dimming to 1%			
	DIM10Z	eldoLED flicker free 0-10V dimming to 0%			
	DALI	eldoLED flicker free DALI dimming to 1%			
	DALIZ	eldoLED flicker free DALI dimming to 0%			
DIMMING	DMXZ	DMX dim to zero			
	LUT	Lutron Hi-lume Ecosystem dimming to 1%, Soft-on & Fade-to-Black			
	LUTP ¹	Lutron Hi-lume Premier Ecosystem dimming to 0.1%, Soft-on & Fade-to-Black			
	ELV1 ²	leading & trailing edge (Triac/ELV) dimming to 1%			
	NLT	nLight control interface: standard Cat-5/RJ45 connection (female), dimming to 0%			
	CAS	Casambi Bluetooth control with flicker free 1.0% dimming			
	EM7	emergency battery backup, 90 minutes at 7W to LED			
ELECTRICAL	EM12	emergency battery backup, 90 minutes at 12W to LED			
OPTIONS	EM10CA20	remote emergency battery backup, 90 minutes at 10W to LED, CA title 20			
	-	ADDITIONAL MOUNTING INFO			
Now Co	notruction	Mounting Longth			

ADDITIONAL MOUNTING INFO					
New Construction	Mounting Length:				
Bar Hangers (included)	14-3/4" to 26"				
Extension Kit p/n: K20266	Extends a pair of Bar Hangers				
(ordered separately,	Total Mounting Length:				
1 per fixture)	29" to 48"				

YOUR COMPLETED ORDERING CODE

E - 11				£		
Follow the	Sleps to	Specify	vour	iixture,	example:	

NU4 - QDTR - SW - 20LM - 35K - 90 - HE60 - WH - WH - NC - UNV - DIM10

NOTES

1. LUTP not available in 25LM/30LM/40LM.

2. ELV1 (120V) not available in 10LM.

* EldoLED driver uses logarithmic dimming curve as standard. For linear dimming curve add "LIN" after dimming code, i.e. DIM10LIN.

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

PROJECT INFOR	MATION		
JOB NAME		TYPE	
ORDERING CODE			

TRIM OPTIONS

TRIM COLORS

OPTICAL OPTIONS

• UGR calculation based on CIE 117-1995; room size: 4H X 8H, reflectance: 70/50/20;

• UGR calculation based on 15LM fixtures, unless otherwise noted.



OPTIC	BEAM ANGLE	UGR
D65	68	20.1
WH80	77	22.8



OPTIC	BEAM ANGLE	UGR
HE60	67	22.5
HE70	74	22.8
HE80	82	24.2

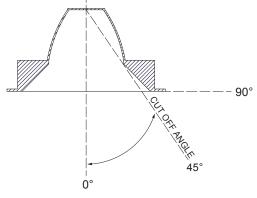
GLARE CONTROL

CUT-OFF ANGLE

Visual comfort is achieved with a lower cut-off angle due to improved glare control. The smaller the cut-off angle, the easier it is on the eye.

Alphabet downlights have been thoughtfully engineered to eliminate glare while still delivering functional illumination.

• Cutoff angle of NL and CL is 45.5 degrees;





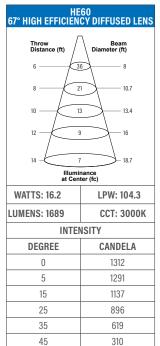
101139

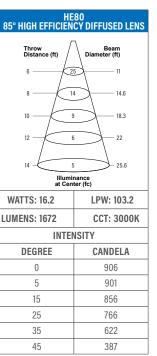
PROJECT INFOR	MATION		
OB NAME		ТҮРЕ	
ORDERING CODE			

PHOTOMETRIC DATA

20LM CCT MULTIPLIERS						
	80CRI	90CRI				
2700K	.96	.81				
3000K	1	.85				
3500K	1.03	.88				
4000K 1.06 .91						
FC Forr	nula = CBCP /	Distance ²				

De 69° DIFFUSED W	65 ITH CLEAR LENS	67° HIGH EFFI
Throw Distance (ft) 6 4 6 4 8 2 10 11 12 10	Beam Diameter (ft) 2 8.3 4 11 5 13.8	Throw Distance (ft 6 8 10 12
14 - 8 Illumin at Cen	nance	14 -
WATTS: 16.2	LPW: 104.9	WATTS: 16.2
LUMENS: 1700	CCT: 3000K	LUMENS: 1689
INTER	ISITY	I
DEGREE	CANDELA	DEGREE
0	1507	0
5	1487	5
15	1327	15
25	1060	25
35	734	35
45	165	45



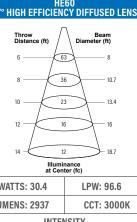


WH80 BO° BRILLIANT WHITE WITH CLEAR LENS					
Throw Distance (ft) Beam Diameter (ft)					
6	9 10.1				
8	5 13.5				
101	16.9				
12 7	20.2				
14 5	23.6				
Illumi at Cen					
WATTS: 16.2	LPW: 109.2				
LUMENS: 1769	CCT: 3000K				
INTER	ISITY				
DEGREE	CANDELA				
0	1028				
5	1025				
15	996				
25	925				
35	799				
45	296				

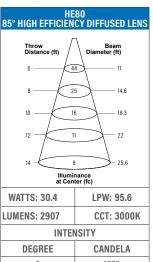
40LM CCT MULTIPLIERS				
80CRI 90CRI				
2700K	.96	.81		
3000K	1	.85		
3500K	1.03	.88		
4000K	1.06	.91		
FC Formula = CBCP / Distance ²				

69° DIFFUSED	40LM CCT MULTIPLIERS		
_	90CRI	80CRI	
Throw Distance (ft)	.81	.96)0K
6	.85	1	00K
8	.88	1.03	00K
	.91	1.06	00K
10	Distance ²	nula = CBCP /	FC Forn
12			
14 -			
Illum at Ce			
WATTS: 30.4			

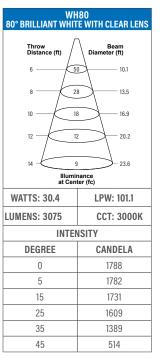
D65 WITH CLEAR LENS		HE 67° HIGH EFFICIEN	60 Cy di
ſ	Beam Diameter (ft)	Throw Distance (ft)	Dia
7	3 8.3	6	3
4	1 11	8 - 3	6
2	6 13.8	102	3
18	3 16.6	121	6
13	- 19.3	14 1	2
ninance enter (fc)			
			nance ter (fc)
	ter (fc)	at Cen	
en	ter (fc) LPW: 97.2	at Cen WATTS: 30.4 LUMENS: 2937	
en	ter (fc) LPW: 97.2 CCT: 3000K	at Cen WATTS: 30.4 LUMENS: 2937	ter (fc)
en	ter (fc) LPW: 97.2 CCT: 3000K ISITY	at Cen WATTS: 30.4 LUMENS: 2937 INTEI	ter (fc)
en	LPW: 97.2 CCT: 3000K NSITY CANDELA	at Cen WATTS: 30.4 LUMENS: 2937 INTEI DEGREE	ter (fc)
en	EFF (FC) LPW: 97.2 CCT: 3000K ISITY CANDELA 2621	At Cen WATTS: 30.4 LUMENS: 2937 INTEI DEGREE 0	ter (fc)
en	LPW: 97.2 CCT: 3000K ISITY CANDELA 2621 2585	At Con WATTS: 30.4 LUMENS: 2937 INTEL DEGREE 0 5	ter (fc)



INTENSITY		
DEGREE	CANDELA	
0	2281	
5	2245	
15	1977	
25	1558	
35	1076	
45	538	



DEGREE	CANDELA
0	1576
5	1566
15	1489
25	1333
35	1081
45	673



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287

INTE

LUMENS: 2956

DEGREE

0

5

15

25 35

45

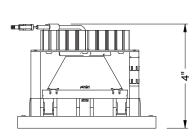
101139

PROJECT INFORMATION				
JOB NAME	ТҮРЕ			
ORDERING CODE				

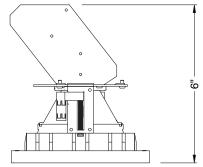
MOUNTING OPTIONS

FIXTURE HEIGHT

10LM-30LM CONFIGURATIONS

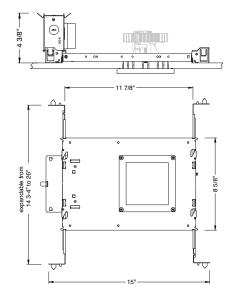


35LM-40LM CONFIGURATIONS

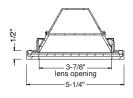


NC - NEW CONSTRUCTION

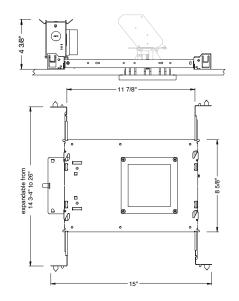
LED LIGHT ENGINE 10LM-30LM



ceiling cutout 4-1/4" square ceiling thickness 1/8" to 1-5/8 "



LED LIGHT ENGINE 35LM-40LM



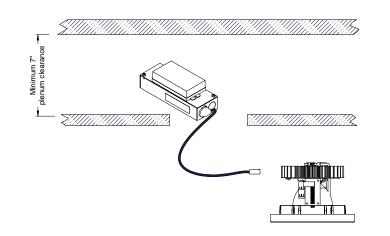
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101139

PROJECT INFORMATION				
JOB NAME		TYPE		
ORDERING CODE				

MOUNTING OPTIONS (CONTINUED)

RET - RETRO TRIM/TRIMLESS



RATINGS / CERTIFICATIONS	NC	RET
TYPE NON-IC	V	~
TYPE IC		
CHICAGO PLENUM (CCEA)		
SUITABLE FOR AIR HANDLING PLENUMS		
REDUCED AIRFLOW (WITH LENS) ASTM E283	V	~

CEILING THICKNESS				
	MOUNTI	NG TYPE		
FIXTURE TYPE	NC, RET	NC, RET		
	CEILING THICKNESS	CEILING CUTOUT		
TRIM	3/8" to 1-5/8"	4-1/4" square		

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BATTERY OPTIONS

EMERGENCY BATTERY

IOTA'S ILB Battery Backups are UL Listed LED emergency drivers that allow the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the ILB switches to the emergency mode and operates the existing fixture for 90 minutes. The unit contains a battery, charger, and converter circuit in a single can. The Constant Power design of the ILB maintains the output wattage to the LED array even as the system voltage diminishes. UL 924 Listed for U.S. and Canada. UL 1310 Certified, Output Class 2 Compliant. Includes single-piece TBTS test switch and charge indicator accessory kit. For use with switched and unswitched fixtures, and includes Two-wire universal AC input. Meets or exceeds all National Electric Code and Life Safety Code Emergency Lighting Requirements. Rated for use in Plenum, Damp Location, Recessed Type IC, and Enclosed and Gasketed Luminares.

REMOTE TEST SWITCH

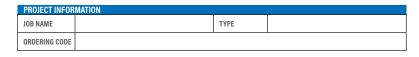
The Remote Test Switch may be mounted adjacent to the LED Fixture by others.

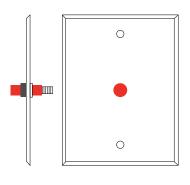
EMERGENCY BATTERY ACCESS

Above ceiling access is required for service. An access panel in the ceiling (or other form of access) adjacent to the installation location of the Emergency Battery is required.

REMOTE LOCATION

Maximum remote mounting distance of the emergency driver shall be 50 feet. Remote location wiring provided by others. Follow all Local and National Electric/ Building Codes.



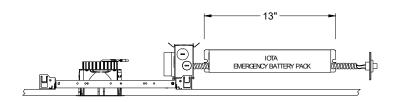


Remote Test Switch

EM MODE OUTPUT (DELIVERED LUMENS)					
LUMEN ORDERING CODE EM7 EM10 EM12					
ALL OPTIONS (10LM TO 40LM)	650LM	930LM	1000LM		
Notes: Based on 30K, 80CRI					

NC - NEW CONSTRUCTION

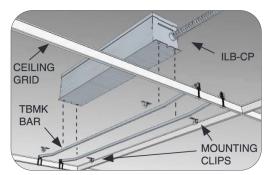
WITH EM BATTERY (REMOTE TEST SWITCH)



In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product.

Accessory

76066 Optional T-Grid Mounting Kit¹



1. Can be used with any of the Emergency Battery Backups. Must be ordered as a separate line item.