

EXCELUX - High/Lowbay with Constant Output Lamps

Built Like a Tank for Long Life



FEATURES

- Riveted 20 gauge housing
- Side ballast venting
- Surface, chain or stem mount
- Narrow or broad beam optics
- Hinged wire guard and lens
- Line voltage occupancy sensor
- Use from 40°C to 55°C

BENEFITS

- Superior strength
- Cooler operation
- Versatile use
- Higher efficiency
- Easy relamping
- Maximum energy reduction
- Use anywhere

APPLICATIONS

- Narrow aisles
- Open storage
- -20°F freezers
- Industrial
- Big box stores
- Sports arenas
- Garages

Specifications/Features

GENERAL

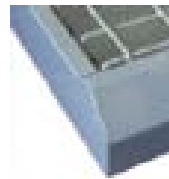
- Industrial grade Hi/Lo Bay
- Up to 56,000 lumens

CONSTRUCTION

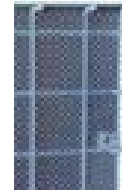
- One piece riveted and reinforced housing
- Polyester powder finish
- Vented side mount ballasts
- Optional prismatic lens reduces brightness
- Lens held & hinged with wireguard
- Optional specular narrow beam reflector
- Chain, stem or surface mount
- 4' wide body with 6 lamps
- 4 foot narrow body with 2, 3 or 4 lamps
- 8 foot narrow body with 8 lamps

LISTINGS/ELECTRICAL/LAMPS

- Listed in US and Canada
- Electronic internally fused ballast
- Optional line voltage occupancy sensors
- Amalgam T5HO lamps provide constant output from 50°F-150°F



Corner bends provided structural rigidity



Wireguard & lens hinge as a unit



Body vents cool ballast



Narrow Aisles

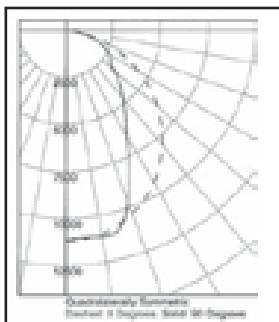


Warehouse

Photometrics

6 Lamp T5HO
EXC W6F54 N O

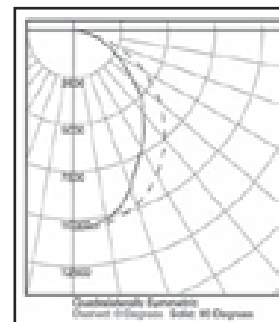
Ceiling Refl.	80%			50%			10%		
	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance								
0	1.07	1.07	1.07	1.00	1.00	1.00	.92	.92	.92
1	.95	.92	.89	.90	.87	.85	.83	.81	.80
2	.84	.79	.74	.79	.75	.71	.74	.71	.68
3	.75	.68	.63	.71	.66	.61	.66	.62	.59
4	.67	.60	.54	.64	.5	.53	.60	.55	.52
5	.61	.53	.47	.58	.51	.47	.54	.50	.46
6	.55	.47	.42	.53	.46	.41	.50	.45	.41
7	.50	.43	.38	.48	.42	.37	.46	.41	.37
8	.46	.39	.34	.44	.38	.34	.42	.37	.33
9	.43	.36	.31	.41	.35	.31	.39	.34	.30



S/MH 1.24
Lamp Lumens: 30,000
Fixture efficiency 90.1%

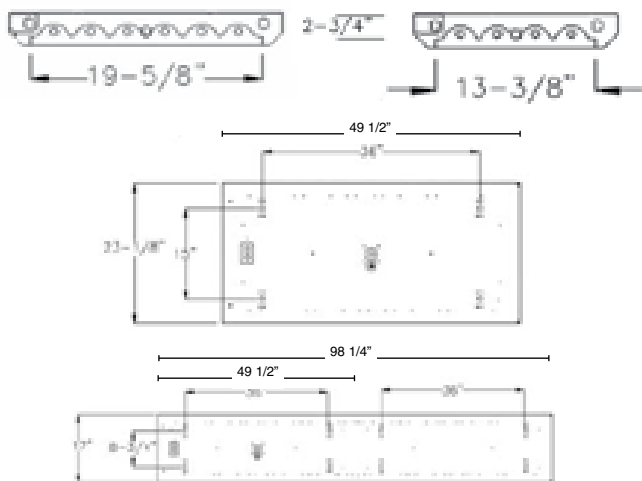
4 lamp T8VHO
EXC N4F85 N O

Ceiling Refl.	80%			50%			10%		
	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance								
0	.99	.99	.99	.93	.93	.93	.85	.85	.85
1	.88	.85	.82	.83	.80	.78	.76	.75	.73
2	.77	.72	.68	.73	.69	.65	.68	.65	.62
3	.69	.62	.57	.65	.60	.56	.61	.57	.54
4	.61	.53	.49	.58	.53	.48	.54	.50	.47
5	.55	.48	.43	.52	.47	.42	.49	.45	.41
6	.50	.43	.38	.48	.42	.37	.45	.40	.37
7	.45	.38	.3	.44	.38	.33	.41	.36	.33
8	.42	.35	.30	.40	.34	.30	.38	.33	.29
9	.38	.32	.27	.37	.31	.27	.35	.30	.27

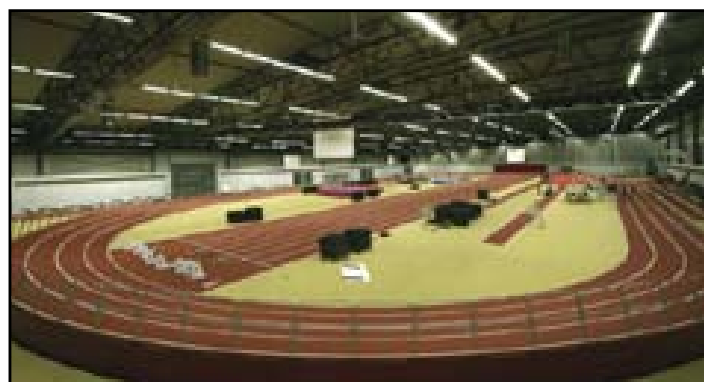


S/MH 1.25
Lamp Lumens 28,000
Fixture Efficiency 83.4%

Dimensions



Industrial



Sports Arena

Excelux Catalogue Numbers

EXC - Body/Lamps	W6 - N2 - Narrow/2	F85 - N3 - Narrow/3	N - N4 - Narrow/4	O - N8 - Narrow/8	2 - Voltage
					1 - 120
					2 - 277
					3 - 347

Lamp Type ⁴	Lens/wire guard ³
F32 - F32T8	O - Open (no WG)
F54 - F54T5HO	WG - Wire Guard only
F84 - F48T8VHO ^{1,2}	AP3 - .125 acrylic (w WG)

Optics
N - Narrow 1.2 spacing
W - Wide 1.5 spacing

Project Name:		
Type	Catalogue Number	Comments

Options

- "/OS" - Line voltage occupancy sensor
- "/HBF" - 1.2 ballast factor T8 ballast
- "/-20°F" - -20°F starting ballast
- "/6PT" - 6' pigtail
- "/BEF" - 90 minute battery back-up (n.a T8VHO)⁵
- "/2CH" - 2 -24" chain mounting kits
- "/2B2" - Two 2 lamp ballasts
- "2B3" - Two 3 lamp ballasts
- "/2B42" - One 4 lamp & One 2 lamp ballast
- "/2B4" - Two 4 lamp ballasts
- "3B32" - Two 3 lamp and one 2 lamp ballasts

- Notes
1. 40°C max ambient w T8VHO
 2. T8VHO n.a. 120 V or with "A" lens
 3. Lens includes wireguard
 4. Amalgam T5HOC has 90%+ lumens 50°F-150°F
 5. Use Guth GPCF250 compact inverter with T8VHO