

EXCELUX - High/Lowbay with Constant Output Lamps

Built Like a Tank for Long Life



FEATURES	BENEFITS	APPLICATIONS
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Superior strength • Cooler operation • Versatile use • Higher efficiency • Easy relamping • Maximum energy reduction • Use anywhere 	<ul style="list-style-type: none"> • Narrow aisles • Open storage • -20°F freezers • Industrial • Big box stores • Sports arenas • Garages

Specifications/Features

GENERAL

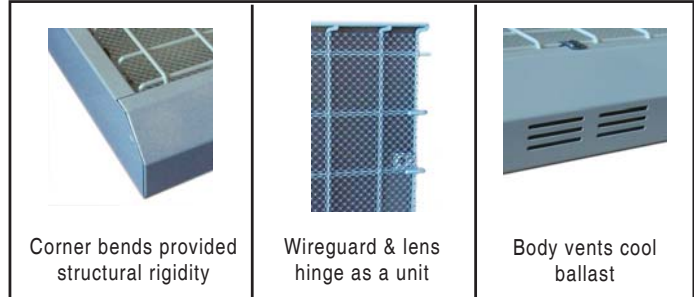
- Industrial grade Hi/Lo Bay
- Up to 56,000 lumens

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

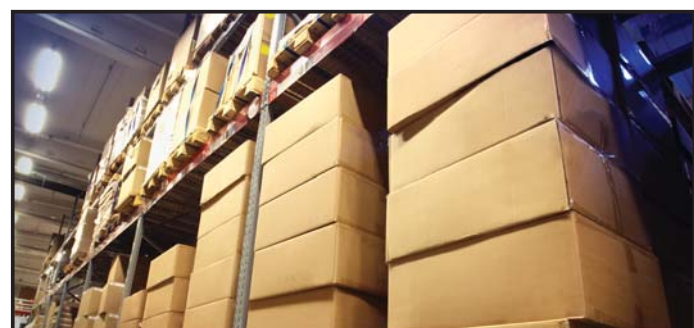
- Listed in US and Canada
- Electronic internally fused ballast
- Optional line voltage occupancy sensors
- Amalgam T5HO and T8VHO lamps provide constant output from 50°F-150°F



Corner bends provided structural rigidity

Wireguard & lens hinge as a unit

Body vents cool ballast



Narrow Aisles



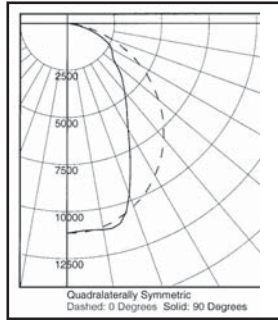
Warehouse



Photometrics

6 Lamp T5HO
EXC W6F54 N O

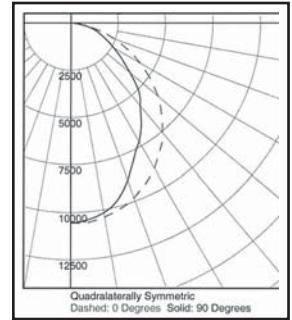
Ceiling Refl.	80%			50%			10%		
Wall Refl.	50	30	10	50	30	10	50	30	10
RCR	20% Effective Floor Cavity Reflectance								
0	1.07	1.07	1.07	1.00	1.00	1.00	.92	.92	.92
1	.95	.92	.89	.90	.87	.85	.83	.81	.80
2	.84	.79	.74	.79	.75	.71	.74	.71	.68
3	.75	.68	.63	.71	.66	.61	.66	.62	.59
4	.67	.60	.54	.64	.5	.53	.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%

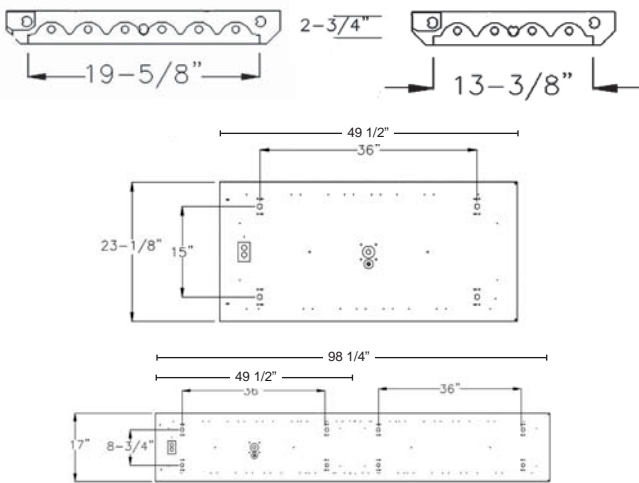
4 lamp T8VHO (amalgam)
EXC N4F85 N O

Ceiling Refl.	80%			50%			10%		
Wall Refl.	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

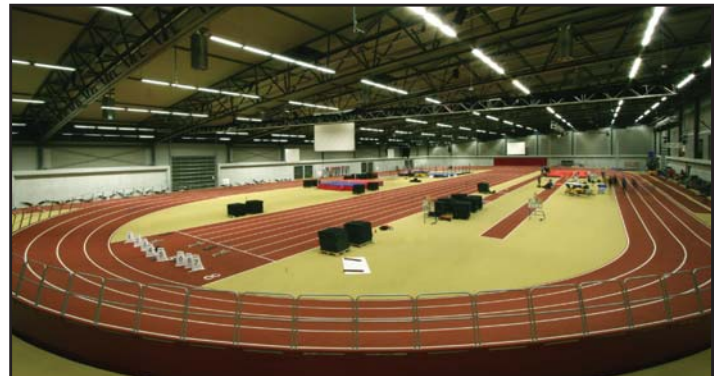


S/MH 1.25
Lamp Lumens 28,000
Fixture Efficiency 83.4%

Dimensions



Industrial



Sports Arena

Excelux Catalogue Numbers

EXC	W6	F85	N	O	2
Body/Lamps					Voltage
N2 – Narrow/2					1 - 120
N3 – Narrow/3					2 - 277
N4 – Narrow/4					3 - 347
N8 – Narrow/8					
W6 – Wide/6					
Lamp Type ⁴					Lens/wireguard ³
F32 - F32T8					O – Open (no WG)
F54 - F54T5HO					WG – Wire Guard only
F84 - F48T8VHO ^{1,2}					AP3 – .125 acrylic (w WG)
					C73 – Tempered lens (w WG)
Optics					
N – Narrow 1.2 spacing					
W – Wide 1.5 spacing					

Project Name:

Type	Catalogue Number	Comments

Guth utilizes the services of U.L. and ETL for listing products
Specifications and data are subject to change without notice.

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

- 40°C max ambient w T8VHO
- T8VHO n.a. 120 V or with "A" lens
- Lens includes wireguard
- Amalgam T5HOC & T8VH40°C O have 90%+ lumens 50°F-150°F
- Use Guth GPCF250 compact inverter with T8VHO